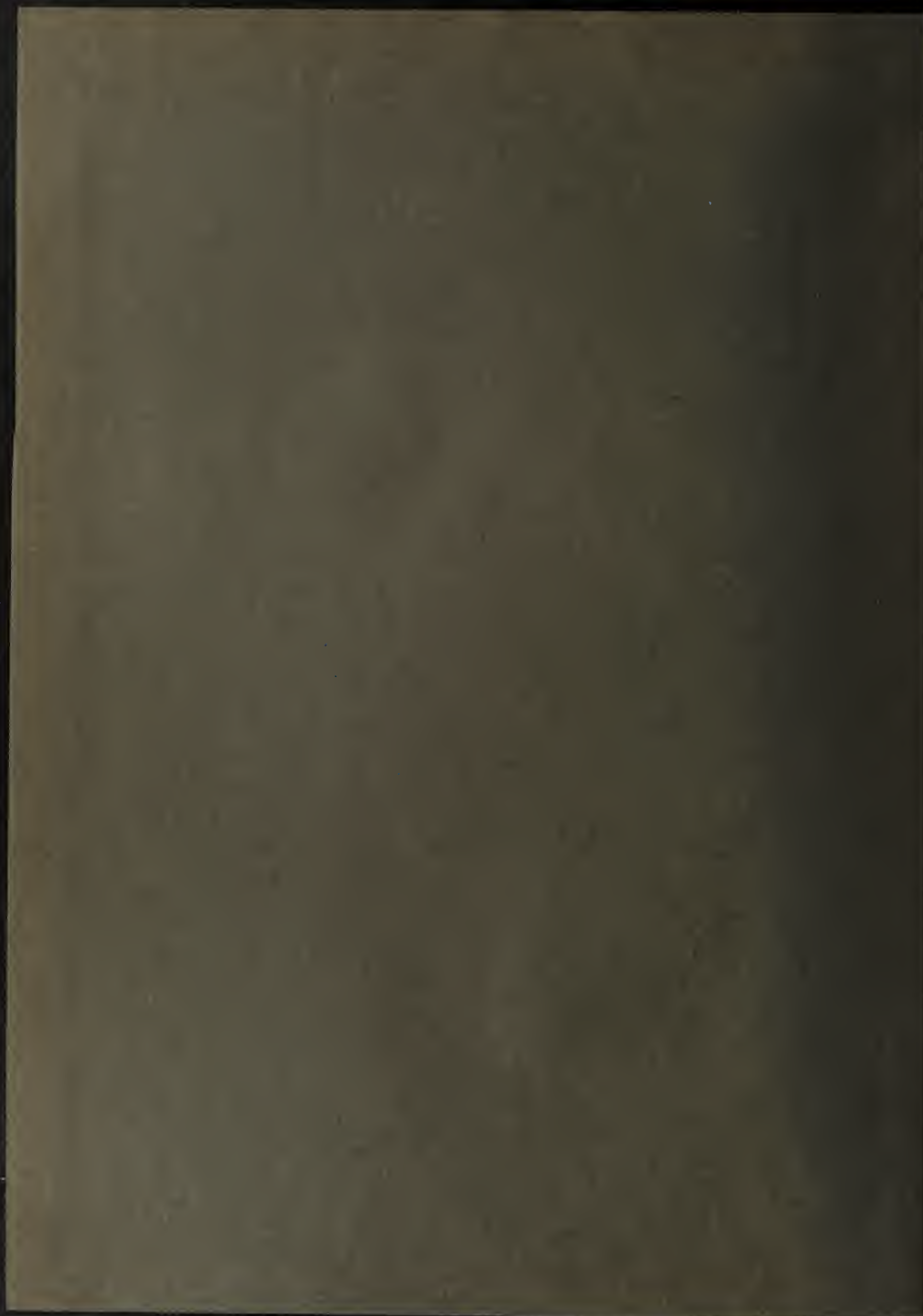
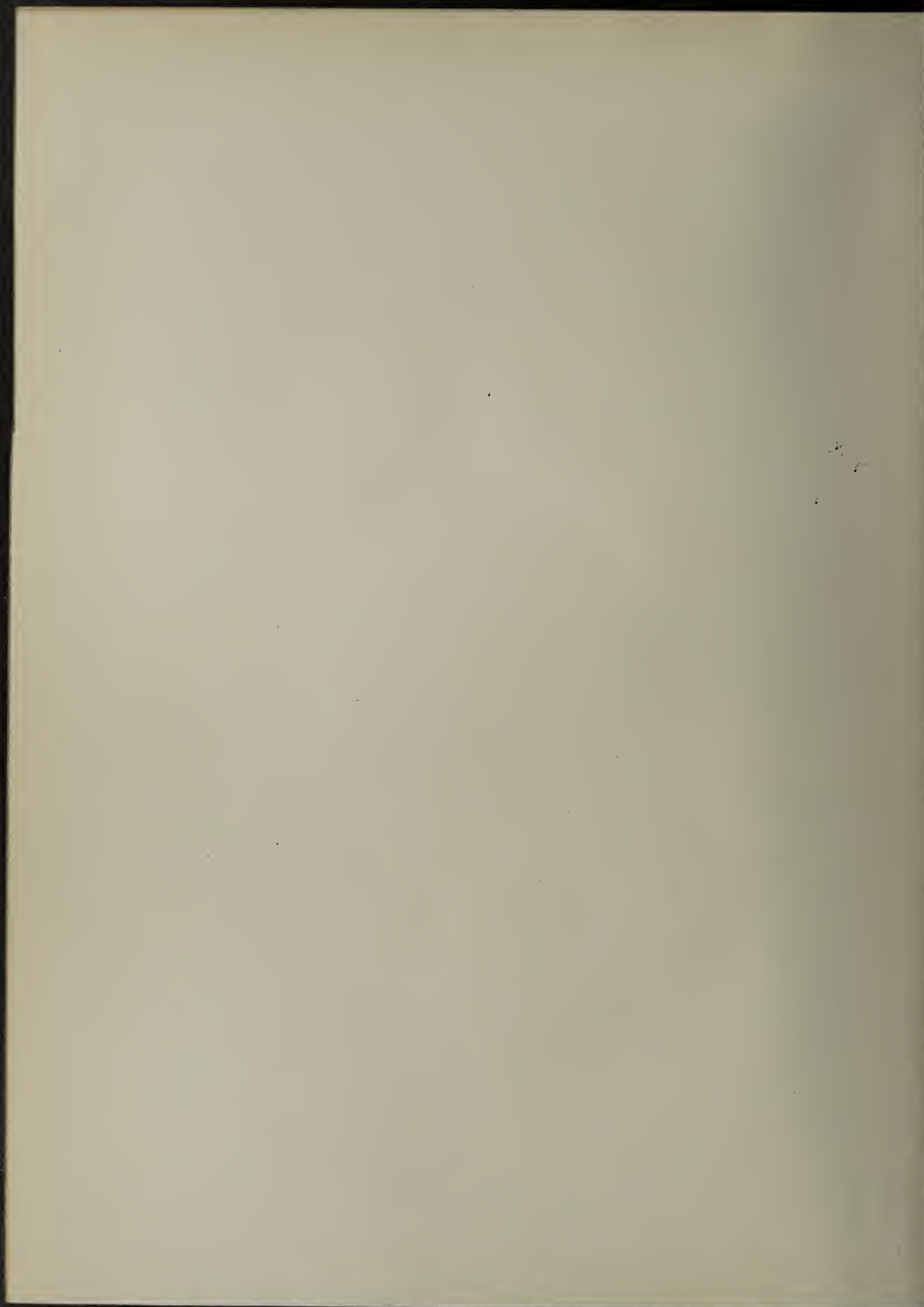


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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and The Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

JANUARY 1, 1935

Single Copies, 5 cents
By mail, 8 cents

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DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, *Chairman*

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EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays, excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, December 31, 1934, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, January 7, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*

CALENDAR

DOCKET

New Cases Filed up to December 26, 1934.

Cal. No.	Department	Premises Affected
362-34-BZ.....	D.B.Bx....	1227-29 River ave., 1230 Jerome ave. (Block 2489, Lot 8), The Bronx. Applic. No. 616-34.
361-34-SA.....	F.D.....	National "Range" Oil Burner. Appliance.
360-34-SA.....	F.D.....	National Oil Burner Model E-J. Appliance.
359-34-BZ.....	D.B.Q.....	S.E. cor. Kissena blvd. & Cherry ave., Flushing (Block 5192, Lot 34), Queens. Applic. No. 1719-34.
358-34-S.....	D.B.B.....	5208-16 Third ave. (Block 805, Lot 45), Brooklyn. Applic. 16271/34 and 2240-LD.
357-34-SA.....	F.D.....	Moderne Range Oil Burners, Models Regular, Junior and Firenew. Appliance.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

Last Publication in Bulletin

Certificate of Occupancy, approved forms.....	Aug.	2, 1932—Vol. 17 No. 31
Concrete Flat Slabs, Rules.....	Dec.	4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime).....	Oct.	9, 1934—Vol. 19 No. 41
Elevator Rules.....	July	3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors).....	Jan.	1, 1935—Vol. 20 No. 1
Factory Exit Rules.....	Dec.	11, 1934—Vol. 19 No. 50
Fire Alarm Rules (Interior).....	Nov.	20, 1934—Vol. 19 No. 47
Fire Drill Rules.....	May	30, 1933—Vol. 18 No. 22
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Oil Burner Rules.....	Dec.	18, 1934—Vol. 19 No. 51
Paint, Varnish and Lacquer Spraying Rules.....	Nov.	27, 1934—Vol. 19 No. 48
Plumbing Rules.....	Dec.	25, 1934—Vol. 19 No. 52
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Wire Glass Rules (Amendment to Rule 505 of Industrial Code).....	Apr.	10, 1923—Vol. 8 No. 15

LIST OF APPROVED APPLIANCES

Fireline Hose Valves.....	Jan.	1, 1935—Vol. 20 No. 1
Fuel Oil Burners for Domestic and Commercial Use.....	Jan.	1, 1935—Vol. 20 No. 1

Fuel Oil Burners for Industrial Use.....	Jan.	1, 1935—Vol. 20 No. 1
Fuel Oil Pumps.....	Jan.	1, 1935—Vol. 20 No. 1
Paint, Varnish and Lacquer Spraying Equipment.....	Nov.	27, 1934—Vol. 19 No. 48
Range Oil Burners.....	Dec.	25, 1934—Vol. 19 No. 52

COURT DECISION

In re 88th Hldg. Co., Inc. (Murdock). Nov. 28, 1933, Board denied application for a gasoline station in a business district under section 21, Cal. No. 219-33-BZ; premises northwest corner 192d street and 35th avenue, Flushing. Mr. Justice Riegelmann sustained the Board (N.Y.L.J. Dec. 21, 1934).

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 31, 1934, AT 2 P. M.

Building Zone Cases.

975-28-BZ.
APPLICANT—Scacchetti & Siegel, for Estate of J. H. Douglas, Inc., owner.
PREMISES—East side of Bullard avenue, 100.01 ft. north of East 240th street (Block No. 5077, Lot Nos. 8, 11, 14), Borough of The Bronx.
APPLICATION, under section 21 of the building zone resolution (reopened October 30, 1934),
TO PERMIT in a residence district the erection and maintenance of a building to be used as a dry cleaning establishment (previously denied for a garage).

218-34-BZ.
APPLICANT—Charles Schwimbersky, for Gustave Bondy, owner.
PREMISES—103-15 Astoria avenue, northwest corner of Humphreys street (Block No. 1667, Lot No. 8), East Elmhurst, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

305-33-BZ.
APPLICANT—Samuels and Samuels, for William Berg, owner.
PREMISES—104-106 Fourth avenue, southwest corner of Warren street (Block No. 401, Lot No. 38), Borough of Brooklyn.
APPLICATION, under section 21 of the building zone resolution (reopened September 25, 1934),
TO PERMIT in a business district the alteration and change of occupancy of an existing building to a gasoline service station.

326-34-BZ.
APPLICANT—Lama and Proskauer, for Engelbert Bick, owner.
PREMISES—789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Borough of Brooklyn.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a motor vehicle repair shop and also a gasoline service station.

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 7, 1935, AT 2 P. M.

Building Zone Cases.

271-34-BZ.
APPLICANT—Henry C. Bruckner, for Henry Schneider, owner.

CALENDAR

PREMISES—East side of Cooper avenue, 130 ft. southwest of the corner of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

310-34-BZ.

APPLICANT—Samuels & Samuels, for Emma L. Verran, owner.

PREMISES—4204-4308 Atlantic avenue, block front, from Beach 42nd street to Beach 43rd street (Block No. 7041, Lot Nos. 1 and 30), Sea Gate, Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "E" area district the erection and maintenance of a multiple dwelling occupying a greater percentage of the lot than permitted in an "E" area district and, also, erected nearer than ten (10) ft. from the building lines, which is contrary to the requirements of the building zone resolution.

722-23-BZ.

APPLICANT—James Kearney, for Julia J. Hirsch, owner.

PREMISES—2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), Borough of The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened October 2, 1934),

TO PERMIT in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the board) so as to include a gasoline service station.

283-34-BZ.

APPLICANT—George I. Laird, owner.

PREMISES—241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages.

JANUARY 8, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 8, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 231-34-BZ—Application, August 9, 1934, under section 21 of the building zone resolution, of Samuel M. Rivelson, applicant, on behalf of Constantinos Demetroukas, Inc., owner to permit in a business district the erection and maintenance of a gasoline service station; premises 9402-9404 Church avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Borough of Brooklyn.

CAL. NO. 264-34-BZ—Application, September 12, 1934, under section 21 of the building zone resolution, of William C. Goodson, applicant, on behalf of Bartholdi Turecamo,

owner, to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line; premises 8412 Ridge boulevard (Block No. 6023, Lot No. 39), Borough of Brooklyn.

CAL. NO. 297-34-BZ—Application, October 22, 1934, under section 21 of the building zone resolution, of Jack Fein, applicant, on behalf of Enmor Realty Corporation, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2705-2715 Nostrand avenue, east side, 360 ft. north of Avenue N (Block No. 7666, Lot No. 25), Borough of Brooklyn.

CAL. NO. 281-34-BZ—Application, October 4, 1934, under section 21 of the building zone resolution, of John M. Baker, applicant, on behalf of Astoria Riker Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises southeast corner of Astoria boulevard and (proposed) 77th street (Block No. 1030, part of Lot No. 40), Jackson Heights, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 8, 1935, 2 P. M.

Appeals from Administrative Orders.

232-34-A—1589 Atlantic avenue, northeast corner of Troy avenue (Block No. 1706, Lot No. 1), Brooklyn.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

257-34-A—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

Appliance Submitted for Approval.

183-34-SA—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 8, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 261-34-BZ—Application, September 7, 1934, under section 21 of the building zone resolution, of Wood & Marshall, applicants, on behalf of Samuel H. Baylis and Sheldon F. Baylis, owners, to permit in a business district the erection and maintenance of a gasoline service station and also a parking space for more than five motor vehicles; premises 93-28 New York avenue, west side, 25 ft. south of L.I.R.R. (Block No. 1052, Lot Nos. 41 and 43), Jamaica, Borough of Queens.

CALENDAR

CAL. NO. 320-34-BZ—Application, November 15, 1934, under section 21 of the building zone resolution, of Allmendinger and Schlendorf, applicants, on behalf of Werst Realty Co., owner, to permit partly in a business district and partly in a residence district the change of occupancy of an existing building to a business use (funeral home); premises 71-39 to 71-49 Cooper avenue and 71-54 to 71-66 72nd street, northwest corner (Block No. 3688, Lot No. 38), Glendale, Borough of Queens.

CAL. NO. 816-24-BZ—Application of Eugene De Rosa, on behalf of National Council of Congregational Churches, owner, reopened July 17, 1934, under sections 7a and 7c of the building zone resolution, to permit in a residence district the alteration, extension and change of occupancy of a building now occupied as a public market and stores (granted by the board October 3, 1924) to its original occupancy of motion picture theatre and stores; premises 799-805 Washington avenue, southeast corner of Lincoln place (Block No. 1180, Lot No. 6), Brooklyn.

CAL. NO. 253-34-BZ—Application, August 30, 1934, under section 21 of the building zone resolution, of William Shary, applicant, on behalf of S.P.R. Realty Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises west side of Westchester avenue, from Doris street to Glover street (Block No. 3965, Lot Nos. 35 to 40), Borough of The Bronx.

CAL. NO. 287-34-BZ—Application, October 1, 1934, under section 21 of the building zone resolution, of Howard Kelly, applicant, on behalf of Mutual Life Insurance Company, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1401-1409 College avenue, northwest corner of East 170th street (Block No. 2786, part of Lot Nos. 2 and 29), Borough of The Bronx.

CAL. NO. 500-28-BZ—Application of William Shary, applicant, for Charles Zenker, present owner, reopened October 2, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 2801-2819 Bailey avenue, northwest corner of West Kingsbridge road (Block No. 3264, Lot No. 30), Borough of The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, JANUARY 14, 1935, AT 2 P. M.

Building Zone Cases.

619-31-BZ.

APPLICANT—James Kearney, for Estate of Israel Miller, owner.

PREMISES—148-16 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened May 8, 1934),

TO PERMIT partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the board for a temporary period.

113-34-BZ.

APPLICANT—Sidney Lipston, for Morris Gorelik, owner.

PREMISES—1009 Myrtle avenue (Block No. 1749, Lot No. 48), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles.

288-34-BZ.

APPLICANT—Kennedy & Ellner, for Ignatz Wohl, owner.

PREMISES—Northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

346-34-BZ.

APPLICANT—Samuel Falk, for Nation Wide Petrol Corp., owner.

PREMISES—6501-6505 22d avenue (Bay Parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Borough of Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the alteration, extension and maintenance of a gasoline service station.

JANUARY 15, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 15, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 296-34-BZ—Application, October 20, 1934, under section 7c of the building zone resolution, of Eugene De Rosa, applicant, on behalf of 1934 Realty Corporation, owner, to permit partly in a residence district and partly in a business district the erection and maintenance of an extension to an existing building—to be used as a theatre; premises south side of East Mount Eden avenue, entire block from Townsend avenue to Walton avenue (Block No. 2845, Lot Nos. 34 and 56), Borough of The Bronx.

CAL. NO. 116-30-BZ—Application, February 14, 1930; withdrawn June 3, 1930; reopened November 7, 1934 under sections 7c and 21 of the building zone resolution, of

CALENDAR

William Shary, applicant, on behalf of Samuel Rubin & Son, Inc., owner, to permit in a residence district the alteration and conversion of occupancy of part of basement and first story of an existing apartment house from dwelling to business use (stores); premises 1401 Grand Concourse, southwest corner of East 170th street (Block No. 2842, Lot No. 59), Borough of The Bronx.

CAL. NO. 1148-27-BZ—Application of Saul Goldsmith, on behalf of Kaufbel Realty Corp., owner, reopened May 29, 1934, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building (now part of a gasoline service station previously granted by the Board) to a motor vehicle repair shop; premises 1146-1152 Atlantic avenue (Block No. 1199, Lot No. 8), Borough of Brooklyn.

CAL. NO. 662-26-BZ—Application of Charles Richel, on behalf of Sarah Richel, owner, reopened July 3, 1934, under section 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (previously granted by the Board for a temporary period—the temporary period has elapsed); premises 3504-3510 Boston road, southeast corner of Eastchester road (Block No. 4723, Lot No. 66), Borough of The Bronx.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 15, 1935, 2 P. M.

Appeal from Administrative Order.

260-34-A—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot No. 20), Manhattan.

Petition for Variation.

286-34-S—12 Gratton street (Block No. 3102, Lot No. 11), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 15, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 267-34-BZ—Application, September 24, 1934, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Rosa B. R. Heintz and Jacob Siegal, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Jerome avenue, 160.8 ft. north of East 213th street (Block No. 3329, Lot No. 92), Borough of the Bronx.

CAL. NO. 269-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Marcus Cohn, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens.

CAL. NO. 53-29-BZ—Application of Edward L. Kelly, on behalf of Harry Barrow, owner, reopened December 11, 1934, for consideration as to an extension of time to complete work—time having elapsed—re Application, granted on certain conditions under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 5231-5247 Kings highway, northeast corner of Foster avenue (Block No. 7949, part of Lot No. 1), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 22, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 22, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 332-34-BZ—Application, November 26, 1934, under sections 7b, 7c and 21 of the building zone resolution, of Joseph V. O'Leary, applicant, on behalf of Spes Realty Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 29, 1935, 2 P. M.

Appeal from Administrative Order.

245-34-A—West side of Vernon boulevard, 90 ft. north of 43d avenue (Block No. 484, Lot No. 23), Long Island City, Borough of Queens.

CALENDAR

FEBRUARY 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 290-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Levy and Berger, applicants, on behalf of 291 Greenwich Street Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1611-1619 Eastern boulevard, northwest corner of Morrison avenue (Block No. 3718, Lot No. 1), Borough of The Bronx.

CAL. NO. 460-26-BZ—Application of Thomas W. Lamb, Inc., on behalf of Brooklyn Ridgewood Corp., present owner, reopened September 11, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre (previously

granted by the board, and time to complete building has expired); premises 4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 26, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 26, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 292-34-BZ—Application, October 16, 1934, under section 21 of the building zone resolution, of John Palmeri, applicant and owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

<i>Name of Pump</i>	<i>Calendar No.</i>	<i>Name of Pump</i>	<i>Calendar No.</i>
American Marsh Duplex.....	638-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
American Marsh Simplex.....	639-25-SA	M. D. Rotary.....	52-27-SA
Autopulse Electric Fuel Oil Pump.....	215-31-SA	Milwaukee Piston Rotating Port Pump.....	763-25-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Monroe Oil Pump.....	658-26-SA
Ballard Duplex Electric Driven Pump Set...	1413-22-SA	Northern Rotary	1396-24-SA
Beach Russ Co. Rotary.....	1134-22-SA	Pascoe Pump Set.....	1029-26-SA
Blackmer Rotary	935-24-SA	Petro-Nokol Industrial Oil Pump.....	570-32-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Quiet May Gerotor Pump.....	267-32-SA
Century Rotary	908-21-SA	Quimby Screw Pump.....	1193-21-SA
Cook Electric Oil Pump.....	603-25-SA	Ray Rotary	588-25-SA
Davidson	590-21-SA	Rotary Pressure Pump.....	1060-25-SA
Dean Bros. Durable Duplex.....	840-22-SA	Rotary Vacuum Pump.....	513-25-SA
DeLaval IMO Oil Pump.....	628-32-SA	Samson Magnetic Fuel Oil Pump.....	163-34-SA
Deming Double Oscillating Force Pump....	458-27-SA	S. B. U. Pumps, Models A, B, C and D.....	410-32-SA
Deming Fuel Oil Pump.....	298-31-SA	Tate-Jones	492-21-SA
Enterprise Oil Pump.....	11-28-SA	Teesdale Automatic Booster Fuel Oil Pump.	1279-25-SA
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Goulds Hand Rotary.....	1133-25-SA	Union Steam Pump for Fuel Oil.....	705-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Viking	438-21-SA
Goulds Triplex Plunger.....	257-22-SA	Warren Oil Pump.....	1169-23-SA
Hardinge Fuel Oil Pump.....	813-25-SA	Wayne Oil Pump & Fan Set.....	1155-25-SA
Kinney Rotating Plunger Pump.....	503-24-SA	Webster Fuel Oil Pump, Type A.....	23-34-SA
Koerting Gear Pump.....	1264-25-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Kraissl Fuel Oil Pump.....	60-28-SA	Worthington Show Model Duplex.....	194-22-SA
Leiman Rotary	95-24-SA		
Marsh Fuel Oil Pump.....	1050-23-SA		

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Maxon Oil Burner (New Style).....	1036-22-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	May Oil Burner.....	68-24-SA
Auto-Heat Oil Burner.....	284-33-SA	Midget Oil Burner.....	155-34-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Mid-West Oil Burner, Models 106, 108, 208,	
Babcock & Wilcox Mechanical Oil Burner...	45-21-SA	211, 311 and 114.....	327-31-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Morrissey Oil Burner, Models MA-2, MA-3,	
Ballard Low Pressure Mechanical Oil Burner	1493-22-SA	MA-4, SP-1, SP-2, SP-3, and MP-1.....	359-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Morse Conical Type Steam Atomizing Burner	938-25-SA
Ballard Staples & Pfeiffer Steam Atomizing		Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
High Pressure Burner.....	1414-22-SA	Morse Fuel Oil Burner.....	820-23-SA
Berggren Oil Burner.....	764-26-SA	National Airoil High Pressure Burner.....	185-29-SA
Best Calorex Burner.....	1464-21-SA	National Airoil Low Pressure Burner.....	186-29-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Bock Oil Burning Water Heater.....	102-34-SA	Nichols-McCann-Harrison Burners.....	255-31-SA
Brighton Oil Burner	372-33-SA	North American Low Pressure Oil Burner...	792-26-SA
Bullet Automatic Oil Burners, Models A and		Oilbilt Burner.....	85-33-SA
B	195-33-SA	Oronoke Oil Burner.....	394-30-SA
Burnwell Mechanical Burner.....	957-22-SA	Packard Fuel Oil Burner.....	77-34-SA
Caloroil Burner, Type AA.....	1361-24-SA	Paramount Oil Burner, Model A.....	617-30-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Chalmers Automatic Oil Burner, Models D1		Petro Model W Oil Burner.....	452-31-SA
and D2	608-32-SA	Petro Mechanical Burner and Air Register...	735-24-SA
Coen Mechanical Oil Burner.....	942-21-SA	Petro Oil Burner, Models D-10, D-11, D-12,	
Cornell No. 1 Type A Oil Burner.....	397-23-SA	D-13, D-14 and D-15.....	40-31-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Petroleum Heat & Power Company Fuel Oil	
D'Elia Oil Burner.....	155-31-SA	Burner, Model W-AH.....	614-32-SA
DeWalt Oil Burner.....	541-31-SA	Prestomatic Oil Burner.....	294-34-SA
Doe Oil Burner.....	317-31-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Enco Type 400 Steam Atomizing Oil Burner.	1414-23-SA	Quigley No. 10 Low Pressure Oil Burner...	436-31-SA
Enco Mechanical Oil Burner.....	509-30-SA	Quinn Oil Burning Equipment.....	367-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Rexoil Domestic and Industrial Fuel Oil	
Fess Turbine Burner and Airoil Fan and		Burner	667-28-SA
Pump Set	26-22-SA	Rockwell Fuel Oil Burner.....	341-21-SA
Forsdraft Oil Burner	41-34-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Gem Fuel Oil Burner.....	111-26-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
General Electric Fuel Oil Burner, Model D-1	434-32-SA	S. K. Oil Burner, Model F.....	369-33-SA
General Electric Oil Burner, Type DA-2....	228-33-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel	
Ghapco Steam Generator.....	348-31-SA	Oil Burner	197-32-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel	
Gold Star Oil Burner, Models F and S.....	166-33-SA	Oil Burner	198-32-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Grant Oil Burner, Model "C".....	232-32-SA	Standardyne Oil Burner.....	34-34-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Steam Oil Burner.....	183-22-SA
Hammond Oil Burner.....	72-31-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Harris Fuel Oil Burner.....	690-30-SA	Sun Heat Oil Burner.....	603-29-SA
Hart Oil Burner, Model "H".....	221-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Hauck Venturi Low Pressure Oil Burner...	88-27-SA	Sunway Oil Burner.....	624-30-SA
Hayward Oil Burner.....	696-30-SA	Surface Combustion Low Pressure Burner...	92-23-SA
Hobeco Oil Burner.....	1278-21-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Holby Oil Burner.....	328-27-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Timken Rotary Oil Burner.....	297-29-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Todd Rotary Burner, Models A, B and C...	454-25-SA
Kreager Oil Burner.....	367-30-SA	Todd Spiro Oil Burner.....	470-31-SA
Laco Oil Burner, Models F, JF, BF and D	226-33-SA	Todd Spiro Burner (pump type).....	94-32-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Todd Steam Atomizing Fuel Oil Burner....	123-23-SA
Liberty Automatic Heater.....	129-28-SA	Trojan Domestic and Industrial Fuel Oil	
Liberty Pressure Oil Burner.....	75-34-SA	Burner	667-28-SA
Lientz Oil Burner.....	155-20-SA	Vapofier Oil Burner.....	184-34-SA
Lonergan Automatic Oil Burner.....	208-33-SA	Vaporoil Burner	44-32-SA
Lynn Power Oil Burner, Models 1, 2 and 3..	166-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Magna Fuel Oil Burner.....	197-33-SA	Wheco Oil Burner.....	108-34-SA
Mahrvel Low Pressure Burner.....	859-26-SA	Winslow Kleen Heet Burner, Models 805 and	
		820	19-25-SA
		Wizard Automatic Oil Burner.....	181-33-SA
		Yorktown Oil Burner.....	166-33-SA

APPROVED APPLIANCES

Burners for Domestic and Commercial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A. B. C. Oil Burner.....	1295-24-SA	Espo Oil Gas Burner.....	1431-23-SA
A. B. C. Oil Burner, Type H.....	684-29-SA	Evenheet Oil Burner.....	554-32-SA
Acme Oil Burner, Models BO-1 and BO-2...	132-34-SA	Everedy Oil Burner.....	102-33-SA
Aetna Automatic Oil Burner.....	1547-23-SA	Fairfield Oil Burner.....	584-31-SA
Air-Blast Oil Burner.....	579-32-SA	Faultless Oil Burner.....	493-24-SA
Alladin Oil Burner.....	298-26-SA	Florence Oil Heater, Model KC-9.....	62-33-SA
Alexander Oil Burner.....	65-28-SA	Fluid Heat Domestic Oil Burner, Type O....	1094-27-SA
Alida Oil Burner.....	124-34-SA	Fluid Heat Oil Burner.....	361-32-SA
American Blue Flame and Sun Flame Oil Burning Heaters, Models No. 73, 86, 88, 92, 93, 94, 95 and 96.....	298-33-SA	Forsdraft Oil Burner	41-34-SA
Arcoil Heat Machine.....	632-26-SA	Foster Oil Burner.....	715-26-SA
Auto-Heat Oil Burner.....	284-33-SA	Franklin Domestic Oil Burner.....	560-26-SA
Autocrat Oil Burner, Model B-1.....	297-31-SA	Freeport-Silent Service Oil Burner, Models 5, 10 and 30.....	97-33-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Fuelo Oil Burner.....	47-30-SA
Baker Automatic House Heating Burner....	1323-22-SA	Gar Wood Oil Burner.....	373-30-SA
Baker Oil Burner, Model L, Gun Type.....	404-29-SA	Gar Wood Oil Burner, Models K and K-3500	481-32-SA
Ballard Baby Grand Oil Burner.....	447-32-SA	General Electric Fuel Oil Burner.....	434-32-SA
Ballard Super Domestic Oil Burner.....	939-24-SA	General Electric Oil Burner, Type DA-2....	228-33-SA
Bayard Domestic Fuel Oil Burner.....	1184-22-SA	Ghapco Steam Generator.....	348-31-SA
Berggren Oil Burner.....	764-26-SA	Gilbarco Industrial Burner.....	350-32-SA
Bethlehem Steam Atomizing Fuel Oil Burner.	485-32-SA	Gilbert & Barker Flexible Flame Burner....	109-31-SA
Bettendorf High Pressure Oil Burner.....	479-31-SA	Gilbert & Barker Junior Flexible Flame Do- mestic Oil Burner	520-31-SA
Bettendorf Oil Burner.....	731-28-SA	Gilbert & Barker Oil Burner, Model S-1....	282-33-SA
Bettendorf Oil Burner, Model H.B.....	498-32-SA	Gill Oil Burner.....	1231-23-SA
Bock Oil Burner, Models A, B, C and D....	123-31-SA	Gold Star Oil Burner, Models F and S.....	166-33-SA
Bock Oil Burning Water Heater.....	102-34-SA	Goodrich Oil Burner, Models G-0, G-1, G-2 and G-3	441-31-SA
Braden Automatic Fuel Oil Burner.....	322-30-SA	Goodspeed Automatic Oil Burner.....	957-27-SA
Branford Oil Burner.....	36-31-SA	Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA
Branford Oil Burner, Model "A".....	461-32-SA	Grant Oil Burner	382-26-SA
Brighton Oil Burner.....	372-33-SA	Grant Oil Burner, Model "C".....	232-32-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Hardinge Oil Burner.....	813-25-SA
Caloroil Burner, Type AA.....	1361-24-SA	Hardinge Oil Burner, Model 23.....	33-33-SA
Camel Automatic Oil Burner, Model 30, Types A, B and C and Models J and A.S.....	229-32-SA	Harris Fuel Oil Burner.....	690-30-SA
Carboradiant Oil Burner, Models V & VS...	16-31-SA	Hart Automatic Oil Burner.....	1162-24-SA
Carboradiant Oil Burner, Model VSS.....	49-32-SA	Hart Automatic Oil Burner, Model Series "DO"	595-29-SA
Carborundum Burner	571-29-SA	Hart Oil Burner, Model "H"	221-33-SA
Carter-Korth Oil Burner, Model "P".....	389-32-SA	Hayward Oil Burner	696-30-SA
Carter-Korth Oil Burner	54-30-SA	Heatiator Oil Burner.....	1346-23-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Heil Combustion Fuel Oil Burner.....	1105-22-SA
Century Oil Burner.....	157-28-SA	Heil Combustion Fuel Oil Burner, Type B... Hercules Oil Burner.....	295-29-SA
Challenger Kleen Heat Burner, Series No. 100	813-28-SA	Hercules Oil Burner, Models H and HF.....	510-29-SA
Challenger Oil Burner, Model "A".....	86-34-SA	Hercules Oil Burner, Models M 1200 and M 1800	309-33-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Holby Type A Fuel Oil Burner.....	486-32-SA
Commonwealth Automatic Oil Burner.....	348-28-SA	Holland Type "F" Oil Burner.....	688-29-SA
Cook's Automatic Oil Burner.....	955-27-SA	Homer Domestic Oil Burner.....	237-34-SA
Cope-Swift Safety Automatic Oil Burner...	354-31-SA	Hupp Oil Burner, Models H, U, P and PP...	1211-25-SA
Crescent Oil Burner	222-29-SA	Improved Kres-Kno Oil Burner and Model MD	10-34-SA
Crescent Type M Size I Oil Burner and Models 8, 18 and 28.....	592-31-SA	Inferno Oil Burner.....	591-29-SA
Crown Oil Burner, Type XA.....	426-29-SA	International Mechanical Draft Oil Burner...	82-33-SA
Crystal Blue Flame Oil Burner.....	423-29-SA	International Oil Burner.....	372-30-SA
Dahl Vaporizing Oil Burner.....	915-26-SA	Jacobsen Balanced Oil Burner, (Model V-1).	1305-24-SA
D'Elia Oil Burner.....	155-31-SA	Johnson Improved Rotary Fuel Oil Burner...	333-33-SA
Delco Heat Oil Burner.....	420-31-SA	Joyce Oil Burner.....	938-22-SA
DeWalt Oil Burner.....	541-31-SA	K. F. C. Oil Burner.....	852-26-SA
Dist-o-matic Oil Burner.....	663-28-SA	Kelco Oil Burner.....	846-25-SA
Doe Oil Burner.....	317-31-SA	Kelvinator Oil Burner.....	237-33-SA
Doherty Oil Burner.....	943-26-SA	Kelvinator Oil Burner, Model K.....	339-31-SA
Economy Oil Burner, Type A-1.....	45-31-SA	KeWaNee Oil Burner, Model "C".....	105-34-SA
Eisler Automatic Oil Burner.....	481-27-SA	Kleen Heet Oil Burner.....	518-32-SA
Elec-tro-matic Oil Burner, Type 151.....	125-33-SA	Kleen Heet Oil Burner, Type "R".....	62-24-SA
Electrol Automatic Oil Burner and Models BB, C and FA	259-25-SA	Kreager Oil Burner.....	49-33-SA
Ember-Glo Oil Burner.....	462-32-SA	Kres-Kno Oil Burner.....	367-30-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Laco Oil Burner, Model NL.....	443-28-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Laco Oil Burner, Models F, JF, BF and D...	670-30-SA
Enterprise Type Junior "W" Oil Burner, Models 1, 2 and 3.....	225-32-SA		226-33-SA

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Lange Economical Oil Burner.....	355-33-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Lawrence May Oil Burner.....	1034-27-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
Leader Oil Burner.....	425-31-SA	Rayfield Oil Burner.....	504-26-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Real Host Oil Burner.....	38-34-SA
Liberty Automatic Heater.....	129-28-SA	Re-Ly-On Oil Burner.....	745-26-SA
Liberty Pressure Oil Burner.....	75-34-SA	Remington Domestic Oil Burner, Type B....	532-31-SA
Lonergan Automatic Oil Burner.....	208-33-SA	Remington Oil Burner.....	891-26-SA
Lynn Power Oil Burner, Models 1, 2 and 3..	166-34-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
"M W" Domestic Oil Burners, Models Nos. 25, 26, 65, 66, 307, 308, 309, 400 and 800.....	341-32-SA	Richmond Gravity Fuel Oil Burner.....	1193-22-SA
M. W. Oil Burning Water Heater.....	737-29-SA	Rickard Oil Burner.....	1011-27-SA
Magna Fuel Oil Burner.....	197-33-SA	Rotoflame Oil Burner.....	187-33-SA
Majestic Oil Burner.....	693-30-SA	Ryan & Scully Commercial and Domestic Oil Burner	304-32-SA
Marr Oil Burner, Model H, Type R.....	765-26-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Master-Kraft Oil Burner.....	83-33-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
May Oil Burner.....	68-24-SA	S-K Oil Burner, Model F.....	369-33-SA
May Oil Burner, Type BB.....	46-34-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Mayfield Oil Burner.....	568-31-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Mayflower Oil Burner.....	124-29-SA	S. T. Johnson Oil Heat Servant.....	157-34-SA
McIlvane Oil Burner.....	544-29-SA	Schulze Home Oil Burner.....	1487-23-SA
Melco Automatic Oil Burner, Type "A".....	1032-25-SA	Scott-Newcomb Pioneer Oil Burner, Models C, CA, CJ, CV and SN Junior.....	436-32-SA
Merco Oil Burner.....	637-29-SA	Security Oil Burner.....	56-28-SA
Midget Oil Burner.....	155-34-SA	Shepard Oil Burner.....	563-30-SA
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA	Shill Oil Burner.....	315-30-SA
Monitor Oil Burner.....	202-34-SA	Silent-Auburn Fuel Oil Burner, Models A, B, C and O.....	463-31-SA
Morrissey Oil Burner.....	673-27-SA	Silent Automatic Oil Burner.....	458-26-SA
Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3, and MP-1....	359-33-SA	Silent Automatic Burner, Model "B".....	709-30-SA
Morse Conical Type Steam Atomizing Burner	938-25-SA	Silent Automatic Burner, Model "E".....	710-30-SA
Morse Fan Tail Type Steam Atomizing Burner	939-25-SA	Silent Flash Oil Burner, Model C1.....	38-33-SA
Morse Fuel Oil Burner.....	820-23-SA	Silent Glow Oil Burner, Model G.....	600-30-SA
Moto-Heat Oil Burner.....	195-32-SA	Silent Glow Oil Burner, Models 800, 1000, 1800 and 2800	345-31-SA
Mousette Oil Burner.....	887-25-SA	Simplex Domestic Oil Burner, Type P.A....	446-30-SA
National Airoil High Pressure Burner.....	185-29-SA	Simplex Domestic Type "S.P." Oil Burner...	145-31-SA
National Airoil Low Pressure Burner.....	186-29-SA	Socony Arrow Oil Burner.....	1191-24-SA
National Airoil Type D-R Rotary Oil Burner.	548-31-SA	Standard Automatic Oil Burner, Type 14-G..	536-31-SA
National Rotary Oil Burner.....	836-25-SA	Standard Automatic Oil Burner, Type 11-G..	537-31-SA
New Perfection Oil Burner, Type "C".....	518-29-SA	Standardyne Oil Burner.....	34-34-SA
New Process Oil Burner.....	1071-27-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Nichols-McCann-Harrison Burners.....	255-31-SA	Stuhler Oil Burner.....	618-27-SA
Noiseless Nokol Model G Oil Burner.....	801-28-SA	Summerheat Oil Burner.....	581-26-SA
Noiseless Nokol Rotary Oil Burner Model R	584-28-SA	Sundstrand Automatic Oil Burner.....	755-26-SA
Nokol Automatic Burner.....	1078-24-SA	Sundstrand Purmaco Automatic Oil Burner, Models A-2, 4-B, C-5, A-3U, 3K, B-5U, B-5K and C-6U.....	658-30-SA
Norge Oil Burner Models N8, N18 and N28	226-34-SA	Sunflower Model S-1 Oil Burner.....	657-29-SA
Nu-Way Oil Burner.....	773-26-SA	Sunflower Oil Burner, Model S-2.....	587-30-SA
Oilbuilt Burner	85-33-SA	Sun Heat Oil Burner.....	603-29-SA
Oliver Oil Gas Burner, No. 30-A.....	1359-24-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Oronoque Oil Burner.....	394-30-SA	Sunway Oil Burner.....	624-30-SA
Orr Fuel Oil Burner.....	113-26-SA	Super Automatic Oil Heater Model SSH.....	715-29-SA
Packard Fuel Oil Burner.....	77-34-SA	Superfex Oil Burning Heater.....	491-31-SA
Paramount Oil Burner.....	1193-25-SA	Superfex Oil Burner, for Warm Air Furnaces	400-32-SA
Paramount Oil Burner, Model A.....	617-30-SA	Superheat Oil Burner, Model D.....	254-33-SA
Pascoe Oil Burner.....	1029-26-SA	Sword Automatic Oil Burner.....	951-25-SA
Petro Domestic Burner.....	161-26-SA	Tabor Automatic Oil Heater, Type "D".....	778-28-SA
Petro Model T Oil Burner.....	451-31-SA	Thoroburn Oil Burner, Model A-1-16-G....	269-33-SA
Petro Model W Oil Burner.....	452-31-SA	Timken Oil Burner, Model 20.....	287-28-SA
Petro Burner, Model O.....	78-28-SA	Timken Rotary Oil Burner.....	297-29-SA
Petro Burner, Model P-2.....	735-30-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Petro Oil Burner, Model W-2	244-33-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Petro Oil Burner, Models W-1 and W-1½..	245-33-SA	Todd Spiro Oil Burner.....	470-31-SA
Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15	40-31-SA	Todd Spiro Burner (pump type).....	94-32-SA
Petroleum Heat & Power Company Fuel Oil Burner Model W-AH.....	614-32-SA	Toridheet Oil Burner.....	63-28-SA
Pioneer Automatic Oil Burner.....	1259-27-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Powerlight Oilheat Burner.....	628-23-SA	Twin City-on-the-Door Oil Burner.....	129-27-SA
Pressure Oil Burners, Models A, B and C..	146-31-SA	Uni-Lec-Tric Oil Burner.....	498-29-SA
Prestomatic Oil Burner.....	294-34-SA		
Prize Automatic Oil Burner, Models A, B and C	600-31-SA		
Progressive Oil Burner, Models G4, G5, G6 and G7	411-32-SA		
Quaker Burnoil Stove.....	11-31-SA		

APPROVED APPLIANCES

<i>Name of Burner.</i>	<i>Calendar No.</i>	<i>Name of Burner.</i>	<i>Calendar No.</i>
United States Oil Burner.....	620-28-SA	Wayne Oil Burner.....	1155-25-SA
Universal Fuel Oil Burner.....	6-24-SA	Wayne S-2 Domestic Oil Burner.....	115-32-SA
Vaporoil Burner	44-32-SA	Wheco Oil Burner.....	108-34-SA
Vesta Oil Burner.....	451-26-SA	Williams Oil-O-Matic Oil Burner, Models J, JJ, Junior, K, KA, KB and R.....	918-22-SA
Victor Oil Burner.....	612-30-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Victory Oil Burner.....	320-30-SA	Wisconsin Fuel Oil Burner, Models O, A and B	32-33-SA
Viking Oil Burner.....	396-32-SA	Wizard Automatic Oil Burner.....	181-33-SA
Volcano Automatic Oil Burner.....	556-29-SA	York Automatic Oil Burner.....	44-29-SA
Volcano Automatic Oil Burner, Models EW-1, EW-1-S and EW-2.....	341-33-SA	Yorktown Oil Burner.....	166-33-SA
Warner Oil Burner, Model A.....	16-34-SA		

RULES

EXIT RULES—REVOLVING DOORS

Adopted, under Cal. No. 842-17-S, Sept. 6, 1917; amended, under Cal. No. 41-19-S, Feb. 11, 1919; under Cal. No. 412-20-S, July 8, 1920, and under Cal. No. 41-19-S, Jan. 8, 1924.

Rule 1. Classification of Revolving Doors. For the purpose of these rules revolving doors shall be classified as follows:

(a) **Type A. "Automatic Collapsible"** in which the individual wings are maintained in the normal revolving position, but which doors are so designed and constructed that in the event of excessive pressure being exerted on the wings, the braces or other devices which hold the wings in their normal position shall be disconnected, thereby permitting easy egress through the vestibule at least equivalent to that provided by a pair of swinging doors having the same width as the vestibule opening.

No revolving doors shall be included in this classification if the pressure necessary to collapse any wing exceeds one hundred and fifty (150) pounds when exerted at a point three (3) inches from the outer edge of the wing, and three (3) feet six (6) inches above the floor, but shall be classified under type B.

(b) **Type B. "Rigid Brace"** in which the individual wings are maintained in the normal revolving position by rigid braces or similar devices, but which doors are so designed and constructed that the braces or other devices which hold the wings in their normal position may be manually released by simple mechanical means, thereby permitting the individual wings to be manually collapsed and so arranged as to permit free egress through the vestibule.

Rule 2. Revolving Doors. Prohibitions. Revolving doors shall be prohibited in exit doorways from assembly halls, asylums, auditoriums, churches, dance halls, hospitals, motion picture theatres, schools, theatres, or from any room or space within a building where more than three hundred (300) persons congregate for purposes of amusement, instruction or worship; except that the main entrance doorway to a hospital or sanitarium may be equipped with either type A or B revolving doors when supplemented by swinging doors not less than three (3) feet eight (8) inches wide at this or other paths of egress.

Rule 3. Revolving Doors—Department Stores. Type A revolving doors hereafter installed shall be accepted in

exit doorways from department stores provided doorways aggregating at least fifty (50) per cent of the legal required width, equipped with swinging doors, are installed, and one or more such outwardly swinging doors are located immediately adjacent to each revolving door. Such swinging doors need not be equipped with handles on the outside, and shall have a minimum clear width of three (3) feet.

Rule 4. Existing Revolving Doors. Except where otherwise prohibited existing Type A revolving doors may be retained as required means of exit in doorways from buildings.

Except where otherwise prohibited existing Type B revolving doors may also be retained as required means of exit in buildings, when, in the opinion of the administrative official having jurisdiction, no dangerous exit condition exists. If, however, such dangerous exit condition is deemed by him to exist, they shall be either replaced by Type A revolving doors, or supplemented by at least one swinging door not less than three (3) feet wide located adjacent to the revolving door, as the administrative official may direct.

Rule 5. New Revolving Doors. In buildings other than assembly halls, asylums, auditoriums, churches, dance halls, department stores, hospitals, motion picture theatres, schools and theatres, coming under the exit provisions of the building code, doorways serving as required exits may hereafter be equipped with Type A revolving doors or with Type B revolving doors, provided such revolving doors, not exceeding three in a unit, shall have an outwardly swinging door at least three (3) feet wide located immediately adjacent thereto.

Rule 6. Revolving Doors—Subway Entrances. Required exit doorways from buildings which serve in addition as a means of subway entrance and exit may be equipped with type A revolving doors, provided doorways of the legal required width equipped with swinging doors are also installed and one or more such outwardly swinging doors are located adjacent to each revolving door.

Rule 7. Saving Clause. But nothing in these rules shall prevent the installation on the exit doors from a bank, trust company, jewelry store, or any store devoted to a single similar use, of a locking device which may be operated by electricity or other means from the interior of the building, to be used only in an emergency.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fire-line" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

1249-22-SA—Coen Steam Atomizing Oil Burner.

628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

32-31-SA—Ray-Dio Sunshine Range Oil Burner.

491-31-SA—Superfex Oil Burning Heater.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

286-32-SA—Hubbard Silent Electric Oil Burner.

528-32-SA—Weldon Extinguisher.

592-32-SA—Ameroil Oil Burner for Stoves and Ranges.

23-33-SA—Sunrex Range Oil Burner.

62-33-SA—Florence Oil Heater, Models GC-6, GC-7, GS-27 and CH-28.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

126-33-SA—Tower Range Oil Burner.

162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

271-33-SA—Perfect-Pantex Oil Burner.

349-33-SA—Herco Oil Burner.

32-34-SA—Super Oil Burner for Pressing Machine.

88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.

92-34-SA—Autocall Interior Fire Alarm Signal Systems.

125-34-SA—American Oil Burner.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

136-34-SA—Korth Oil Burner, Model G.

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

183-34-SA—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

208-34-SA—Globe Oil Burner Pump.

221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

256-34-SA—"Standard" One-Piece Closet Combination.

263-34-SA—Lonergan Oil Burning Heater, Models F-2, F-3 and C-4.

270-34-SA—Zenith Oil Burner

274-34-SA—B. & H. Radiant Stove Oil Burner.

275-34-SA—Vapomatic Oil Burner.

291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

302-34-SA—Loyalty Range Burner.

309-34-SA—Hupp Range Oil Burner, Models S.D. and C.D.

311-34-SA—Evur-Ready Range Oil Burner, Models Leader, Standard and De Luxe.

313-34-SA—General Electric Oil Screen Valve (Anti-Syphon Type), Model CR-7860-E1A.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

329-34-SA—Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.

333-34-SA—Viking Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80.

339-34-SA—Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115 and Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623.

345-34-SA—Micron Oil Burner.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or departmental actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Croker National Fire Prev. Eng. Co.....	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)...	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company.....	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1933.....	212	Withdrawn	47
Cases filed up to December 26, 1934.....	362	Dismissed	51
Restored to Calendar.....	91	Denied	130
		Granted	2
		Granted on condition.....	170
		Appliances approved	75
		Appliances dismissed, disapproved or withdrawn....	32
		Rules approved	1
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen.....	300	Requests to reopen granted.....	264
Requests to amend.....	100	Requests to reopen denied.....	22
Requests for modification.....	1	Requests to amend granted.....	100
Requests to rescind.....	0	Requests to amend denied.....	0
Requests for extension of time.....	67	Requests for modification granted.....	1
Requests for extension permit.....	12	Requests for modification denied.....	0
Requests for mechanical installations.....	0	Requests to rescind granted.....	0
Requests for approval of plans.....	12	Requests to rescind denied.....	0
Administrative requests	0	Requests for extension of time granted.....	67
Requests for interpretation.....	1	Requests for extension of time denied.....	0
Total.....	1,158	Requests for extension of permit granted.....	12
Disposed of	1,001	Requests for extension of permit denied.....	0
Cases pending December 26, 1934.....	157	Requests to install granted.....	0
		Requests to install denied.....	0
		Plans approved	12
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn.....	0
		Interpretations	1
		Requests withdrawn or dismissed.....	14
		Total.....	1001

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication of this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order, therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

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No. 2

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, January 7, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, January 14, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

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This issue of the Bulletin contains, in the order given—

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Court Decision.

Call of Clerk's Calendar.

Notices in Building Zone Cases.

The Trial Calendar.

Annual Report.

Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

CALENDAR

DOCKET

New Cases Filed up to January 2, 1935.

<i>Cal. No.</i>	<i>Department</i>	<i>Premises Affected</i>
368-34-SA.....	F.D.....	Ray-Dio Sunshine Oil Burner. Appliance
367-34-SA.....	F.D.....	M. W. Bake Oven Range Burn- er. Model 448 and M. W. Coke Oven Range Burner, Model 450. Appliance
366-34-SA.....	F.D.....	M. W. Circulating & Radiant Heater, Models 501-601-701- 801. Appliance
365-34-SA.....	F.D.....	M. W. Water Heater, Model 20-D. Appliance
364-34-SA.....	F.D.....	M. W. Oil Burning Ranges, Commercial Models 152 & 251; Domestic Models 101-G & 126-B. Appliance
363-34-A.....	D.B.B....	117-119 Macon Street (Block 1844, Lot 53), Brooklyn. Order No 7580-34

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

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Certificate of Occupancy, approved forms	Aug. 2, 1932—Vol. 17 No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime)...	Oct. 9, 1934—Vol. 19 No. 41
Elevator Rules	July 3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors)....	Jan. 1, 1935—Vol. 20 No. 1
Factory Exit Rules	Dec. 11, 1934—Vol. 19 No. 50
Fire Alarm Rules (Interior).....	Nov. 20, 1934—Vol. 19 No. 47
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Fire Retarding Rules for Garages, etc.	Dec. 11, 1934—Vol. 19 No. 50
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Fireline Hose Valves.....	Jan. 8, 1935—Vol. 20 No. 2
Fuel Oil Burners for Domestic and Commercial Use.....	Jan. 1, 1935—Vol. 20 No. 1
Fuel Oil Burners for Industrial Use.	Jan. 8, 1935—Vol. 20 No. 2
Fuel Oil Pumps.....	Jan. 1, 1935—Vol. 20 No. 1
Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
Range Oil Burners.....	Dec. 25, 1934—Vol. 19 No. 52

COURT DECISION

Matter of Raskin & ano. res. (Murdock &c. ap.)—June 30, 1933, Board denied permanent permit (temporary permit having previously been granted) for gas station in business district, under section 21, Cal. No. 92-31-BZ; Premises 8401-8411 Flatlands avenue, northeast corner 84th street, Brooklyn. Appellate Division reversed order confirming referee's report sustaining certiorari; matter remitted to Board for new hearing to permit applicant to offer proof of hardship. Appellate Division stated "The discretion to be exercised was that of the Board and not of the Referee acting upon new evidence and his personal inspection of the premises as opposed to a similar inspection made by four members of the Board in reaching its determination."

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 7, 1935, AT 2 P. M.

Building Zone Cases.

271-34-BZ.

APPLICANT—Henry C. Brucker, for Henry Schneider, owner.

PREMISES—East side of Cooper avenue, 130 ft. south-west of the corner of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and main-tenance of a gasoline service station.

310-34-BZ.

APPLICANT—Samuels & Samuels, for Emma L. Verran, owner.

PREMISES—4204-4308 Atlantic avenue, block front, from Beach 42nd street to Beach 43rd street (Block No. 7041, Lot Nos. 1 and 30), Sea Gate, Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "E" area dis-trict the erection and maintenance of a multiple dwelling occupying a greater percentage of the lot than permitted in an "E" area district and, also, erected nearer than ten (10) ft. from the building lines, which is contrary to the requirements of the building zone resolution.

722-23-BZ.

APPLICANT—James Kearney, for Julia J. Hirsch, owner.

PREMISES—2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65). Borough of The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened October 2, 1934),

TO PERMIT in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the board) so as to include a gasoline service station.

283-34-BZ

APPLICANT—George I. Laird, owner.

PREMISES—241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages.

CALENDAR

JANUARY 8, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 8, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 231-34-BZ—Application, August 9, 1934, under section 21 of the building zone resolution, of Samuel M. Rivelson, applicant, on behalf of Constantinos Demetroukas, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 9402-9404 Church Avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Borough of Brooklyn.

CAL. NO. 264-34-BZ—Application, September 12, 1934, under section 21 of the building zone resolution, of William C. Goodson, applicant, on behalf of Bartholdi Turecamo, owner, to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line; premises 8412 Ridge Boulevard (Block No. 6023, Lot No. 39). Borough of Brooklyn.

CAL. NO. 297-34-BZ—Application, October 22, 1934, under section 21 of the building zone resolution, of Jack Fein, applicant, on behalf of Enmor Realty Corporation, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2705-2715 Nostrand avenue, east side, 360 ft. north of Avenue N (Block No. 7666, Lot No. 25), Borough of Brooklyn.

CAL. NO. 281-34-BZ—Application, October 4, 1934, under section 21 of the building zone resolution, of John M. Baker, applicant, on behalf of Astoria Riker Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises southeast corner of Astoria boulevard and (proposed) 77th street (Block No. 1030, part of Lot No. 40), Jackson Heights, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 8, 1935, 2 P. M.

Appeals from Administrative Orders.

232-34-A—1589 Atlantic avenue, northeast corner of Troy avenue (Block No. 1706, Lot No. 1), Brooklyn.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

257-34-A—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

Appliances Submitted for Approval.

183-34-SA—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet.

354-34-SA—Kres-Kno Pressing Machine Burner, Model MD.

355-34-SA—Kres-Kno Range Oil Burner, Model MD.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 8, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 261-34-BZ—Application, September 7, 1934, under section 21 of the building zone resolution, of Wood & Marshall, applicants, on behalf of Samuel H. Baylis and Sheldon F. Baylis, owners, to permit in a business district the erection and maintenance of a gasoline service station and also a parking space for more than five motor vehicles; premises 93-28 New York avenue, west side, 25 ft. south of L.I.R.R. (Block No. 1052, Lot Nos. 41 and 43), Jamaica, Borough of Queens.

CAL. NO. 320-34-BZ—Application, November 15, 1934, under section 21 of the building zone resolution, of Allmendinger and Schlendorf, applicants, on behalf of Werst Realty Co., owner, to permit partly in a business district and partly in a residence district the change of occupancy of an existing building to a business use (funeral home); premises 71-39 to 71-49 Cooper avenue and 71-54 to 71-66 72nd street, northwest corner (Block No. 3688, Lot No. 38), Glendale, Borough of Queens.

CAL. NO. 816-24-BZ—Application of Eugene De Rosa, on behalf of National Council of Congregational Churches, owner, reopened July 17, 1934, under sections 7a and 7c of the building zone resolution, to permit in a residence district the alteration, extension and change of occupancy of a building now occupied as a public market and stores (granted by the board October 3, 1924) to its original occupancy of motion picture theatre and stores; premises 799-805 Washington avenue, southeast corner of Lincoln place (Block No. 1180, Lot No. 6), Borough of Brooklyn.

CAL. NO. 253-34-BZ—Application, August 30, 1934, under section 21 of the building zone resolution, of William Shary, applicant, on behalf of S.P.R. Realty Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises west side of

CALENDAR

Westchester avenue, from Doris street to Glover street (Block No. 3965, Lot Nos. 35 to 40), Borough of The Bronx.

CAL. NO. 287-34-BZ—Application, October 1, 1934, under section 21 of the building zone resolutions, of Samuel Rosenblum, substituted for Howard Kelly, applicant, on behalf of Mutual Life Insurance Company, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1401-1409 College avenue, northwest corner of East 170th street (Block No. 2786, part of Lot Nos. 2 and 29), Borough of The Bronx.

CAL. NO. 500-28-BZ—Application of William Shary, applicant, for Charles Zenker, present owner, reopened October 2, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 2801-2819 Bailey avenue, northwest corner of West Kingsbridge road (Block No. 3264, Lot No. 30), Borough of The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, JANUARY 14, 1935, AT 2 P. M.

Building Zone Cases.

619-31-BZ

APPLICANT—James Kearney, for Estate of Israel Miller, owner.

PREMISES—148-16 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened May 8, 1934),

TO PERMIT partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the board for a temporary period.

113-34-BZ.

APPLICANT—Sidney Lipston, for Morris Gorelik, owner.

PREMISES—1009 Myrtle avenue (Block No. 1749, Lot No. 48), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles.

288-34-BZ.

APPLICANT—Kennedy & Ellner, for Ignatz Wohl, owner.

PREMISES—Northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2292, Lot No. 45), Ozone Park, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

346-34-BZ.

APPLICANT—Samuel Falk, for Nation Wide Petrol Corp., owner.

PREMISES—6501-6505 22d avenue (Bay Parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Borough of Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the alteration, extension and maintenance of a gasoline service station.

JANUARY 15, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 15, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 296-34-BZ—Application, October 20, 1934, under section 7c of the building zone resolution, of Eugene De Rosa, applicant, on behalf of 1934 Realty Corporation, owner, to permit partly in a residence district and partly in a business district the erection and maintenance of an extension to an existing building—to be used as a theatre; premises south side of East Mount Eden avenue, entire block from Townsend avenue to Walton avenue (Block No. 2845, Lot Nos. 34 and 56), Borough of The Bronx.

CAL. NO. 116-30-BZ—Application, February 14, 1930; withdrawn June 3, 1930; reopened November 7, 1934 under sections 7c and 21 of the building zone resolution, of William Shary, applicant, on behalf of Samuel Rubin & Son, Inc., owner, to permit in a residence district the alteration and conversion of occupancy of part of basement and first story of an existing apartment house from dwelling to business use (stores); premises 1401 Grand Concourse, southwest corner of East 170th street (Block No. 2842, Lot No. 59), Borough of The Bronx.

CAL. NO. 1148-27-BZ—Application of Saul Goldsmith, on behalf of Kaufbel Realty Corp., owner, reopened May 29, 1934, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building (now part of a gasoline service station previously granted by the Board) to a motor vehicle repair shop; premises 1146-1152 Atlantic avenue (Block No. 1199, Lot No. 8), Borough of Brooklyn.

CAL. NO. 662-26-BZ—Application of Charles Richel, on behalf of Sarah Richel, owner, reopened July 3, 1934, under section 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (pre-

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viously granted by the Board for a temporary period—the temporary period has elapsed); premises 3504-3510 Boston road, southeast corner of Eastchester road (Block No. 4723, Lot No. 66), Borough of The Bronx.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 15, 1935, 2 P. M.

Appeals from Administrative Orders.

260-34-A—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot No. 20), Manhattan.

338-34-A—2212-2224 Third avenue, 173 East 120th street and 192-198 East 121st street (Block No. 1769, No. 36), Manhattan.

350-34-A—411 47th street (Block No. 756, part of Lot No. 1), Brooklyn.

Petition for Variation.

286-34-S—12 Gratton street (Block No. 3102, Lot No. 11), Brooklyn.

Appliances Submitted for Approval.

351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.

360-34-SA—National Oil Burner, Model E-J.

361-34-SA—National Range Oil Burner.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution. *Tuesday afternoon, January 15, 1935, at 2 o'clock, in Room 1013, Municipal Building,* on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 267-34-BZ—Application, September 24, 1934, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Rosa B. R. Heintz and Jacob Siegel, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Jerome avenue, 160.8 ft. north of East 213th street (Block No. 3329, Lot No. 92), Borough of the Bronx.

CAL. NO. 269-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Marcus Cohn, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens.

CAL. NO. 53-29-BZ—Application of Edward L. Kelly, on behalf of Harry Barrow, owner, reopened December 11, 1934, for consideration as to an extension of time to complete work—time having elapsed—re Application, granted on certain conditions under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 5231-5247 Kings highway, northeast corner of Foster avenue (Block No. 7949, part of Lot No. 1), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 21, 1935, AT 2 P. M.

Building Zone Cases.

316-34-BZ

APPLICANT—Samuels and Samuels, for Annie Carraher, owner.

PREMISES—977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

APPLICATION, under Section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

324-34-BZ

APPLICANT—Barashay and Sugarman, for Kayson Lumber Co., Inc., owner.

PREMISES—1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT, in a business district the inclusion of a saw or planing mill in an existing lumber yard.

343-34-BZ

APPLICANT—Michael Levine, for Neslage Realty Corp., owner.

PREMISES—83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT, in a business district the erection and maintenance of a gasoline service station.

335-34-BZ

APPLICANT—Lama and Proskauer, for Calogero Pisciotta, owner.

PREMISES—1704-12 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Brooklyn.

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APPLICATION, under section 21 of the building zone resolution,

TO PERMIT, in a business district the erection and maintenance of a gasoline service station.

JANUARY 22, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 22, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 332-34-BZ—Application, November 26, 1934, under sections 7b, 7c and 21 of the building zone resolution, of Joseph V. O'Leary, applicant, on behalf of Spes Realty Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan.

CAL. NO. 975-28-BZ—Application of Scacchetti & Siegel, on behalf of the Estate of J. H. Douglas, Inc., present owner, reopened October 30, 1934, under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be used as a dry cleaning establishment (previously denied for a garage); premises east side of Bullard avenue, 100.01 ft. north of East 240th street (Block No. 5077, Lot Nos. 8, 11 and 14), The Bronx.

CAL. NO. 218-34-BZ—Application, July 25, 1934, under section 21 of the building zone resolution, of Charles Schwimbersky, applicant, on behalf of Gustave Bondy, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 103-15 Astoria avenue, northwest corner of Humphreys street (Block No. 1667, Lot No. 8), East Elmhurst, Borough of Queens.

CAL. NO. 305-33-BZ—Application, September 19, 1933; withdrawn January 30, 1934; reopened September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of William Berg, owner, to permit in a business district the alteration and change of occupancy of an existing building to a gasoline service station; premises 104-106 Fourth avenue, southwest corner of Warren street (Block No. 401, Lot No. 38), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 29, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 29, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 326-34-BZ—Application, November 16, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Engelbert Bick, owner, to permit in a business district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 29, 1935, 2 P. M.

Appeal from Administrative Order.

245-34-A—West side of Vernon boulevard, 90 ft. north of 43d avenue (Block No. 484, Lot No. 23), Long Island City, Borough of Queens.

FEBRUARY 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 290-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Levy and Berger, applicants, on behalf of 291 Greenwich Street Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1611-1619 Eastern boulevard, northwest corner of Morrison avenue (Block No. 3718, Lot No. 1), Borough of The Bronx.

CAL. NO. 460-26-BZ—Application of Thomas W. Lamb, Inc., on behalf of Brooklyn Ridgewood Corp., present owner, reopened September 11, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre (previously granted by the board, and time to complete building has expired); premises 4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALENDAR

FEBRUARY 26, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 292-34-BZ—Application, October 16, 1934, under

section 21 of the building zone resolution, of John Palmeri, applicant and owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

ANNUAL REPORT

CITY OF NEW YORK

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, *Chairman*

MUNICIPAL BUILDING

January 8th, 1935.

Hon. F. H. LaGuardia,
Mayor, City of New York,
City Hall, Manhattan.

DEAR SIR:

As required by the Charter, I submit herewith the Annual Report of the Board of Standards and Appeals for the year 1934.

In last year's report, I made several recommendations for legislation which I wish to repeat this year.

Particularly is it urged that the Charter provision as to appointment of referees by the Court be amended. The appointment of referees has resulted in practically a rehearing of cases determined by the Board including the taking of new testimony often to the exclusion of facts brought out at the Board's hearing on which a decision by the Board was based. Fortunately a very recent decision by the Appellate Division of the Second Department materially improves matters, but nevertheless a Charter amendment is desirable. This Court decision reads in part bearing on the powers of a referee "that the discretion to be exercised was that of the Board and not of the referee acting on new evidence and his personal inspection of the premises as opposed to a similar inspection made by four members of the Board in reaching its determination."

The record of cases taken to the Court for review is one of almost complete confirmance of the Board's decisions, thanks to the effective manner in which these cases have been handled by members of the Corporation Counsel's staff and the cooperation given by them to this Board. The Board has continued its policy of having a Committee of three members of the Board inspect premises subject to an appeal for a zoning variation, which Committee submits a written report with recommendations for granting or denial and the reasons therefor. In the event of a writ of certiorari being obtained, the record is thus complete, materially assisting the Corporation Counsel in his preparation of the Board's defense. During the year 1934, 316 inspections were made.

During the past year, a report has been sent to the Acting Chief Engineer of the Board of Estimate and Apportionment on every petition for change of zoning. This has previously not been done. A record of cases before the Board in each district for which a change of zone is proposed is certainly information the Board of Estimate should have before it.

Chapter 764 of the Laws of 1933, known as the McCall Bill, has now been clarified by opinions of the Corporation Counsel although such opinions may not be in line with the interpretation placed upon the measure by the administrative departments. These opinions as far as the Board is concerned declare that the powers of the Board to hear appeals and adopt rules have not been modified or abridged.

The recent Local Law reducing the number of members from five to four is a desirable change. A smaller Board permits more executive sessions and a larger proportionate representation on inspections.

The statistical report follows:

ANNUAL REPORT

CASES FILED AND PENDING, 1934

FILED 1934	A	BZ	S	SA	SR	M'L	T'L	GR.T'L
JANUARY	8	14	0	4	0	45	71	..
Restored	1	9	0	0	0	0	10	81
FEBRUARY	6	13	0	10	0	36	65	..
Restored	0	3	0	1	0	0	4	69
MARCH	11	13	3	3	0	48	78	..
Restored	0	3	2	3	0	0	8	86
APRIL	16	7	2	6	0	40	71	..
Restored	0	7	0	1	0	0	8	79
MAY	8	13	3	6	0	67	97	..
Restored	0	12	1	1	0	0	14	111
JUNE	14	16	4	11	0	41	86	..
Restored	0	6	0	4	1	0	11	97
JULY	4	9	3	8	0	54	78	..
Restored	2	4	0	0	0	0	6	84
AUGUST	10	10	1	7	0	0	28	..
Restored	0	0	0	0	0	0	0	28
SEPTEMBER	10	13	2	9	0	46	80	..
Restored	0	8	1	5	0	0	14	94
OCTOBER	8	11	2	8	0	48	77	..
Restored	0	4	0	2	0	0	6	83
NOVEMBER	7	15	0	11	0	27	60	..
Restored	0	5	0	1	0	0	6	66
DECEMBER	6	9	1	13	0	41	70	..
Restored	2	2	0	0	0	0	4	74
TOTAL	113	206	25	114	1	493	952	952

PENDING

Dec. 31, 1933...	51	99	2	58	2	0	212	212
GRAND TOTAL...	164	305	27	172	3	493	1164	1164

DISPOSITION

1934								
JANUARY	8	22	0	8	0	45	83	..
FEBRUARY	7	24	1	16	0	36	84	..
MARCH	6	26	1	10	0	48	91	258
APRIL	7	28	2	6	0	40	83	..
MAY	21	34	6	16	0	67	144	..
JUNE	7	18	3	3	1	41	73	300
JULY	18	19	5	10	0	54	106	..
AUGUST	0	0	0	0	0	0	0	..
SEPTEMBER	7	2	2	4	0	46	61	167
OCTOBER	12	32	4	20	0	48	116	..
NOVEMBER	6	14	0	4	0	27	51	..
DECEMBER	42	15	1	10	0	41	109	276
TOTAL	141	234	25	107	1	493	1001	1001
PENDING								
Dec. 31, 1934...	23	71	2	65	2	0	163	163

Code: A—Appeals from Administrative Orders. BZ—Applications under Building Zone Resolution. S—Petitions for Variations of Labor Law. SA—Petitions for Approval of Appliances. SR—Petitions for Adoption of Rules. M'L—Miscellaneous Docket.

ANNUAL REPORT

SUMMARY

DOCKET.

Cases pending December 31, 1933.....	212
Cases filed up to December 31, 1934.....	368
Restored to Calendar.....	91
MISCELLANEOUS APPLICATIONS.	
Requests to reopen.....	300
Requests to amend.....	100
Requests for modification.....	1
Requests to rescind.....	0
Requests for extension of time.....	67
Requests for extension permit.....	12
Requests for mechanical installations.....	0
Requests for approval of plans	12
Administrative requests	0
Requests for interpretation.....	1
Total	1,164
Disposed of	1,001
Cases pending December 31, 1934.....	163

DISPOSITION OF CASES.

Withdrawn	47
Dismissed	51
Denied	130
Granted	2
Granted on condition.....	170
Appliances approved	75
Appliances dismissed, disapproved or withdrawn..	32
Rules approved	1
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.

Requests to reopen granted.....	264
Requests to reopen denied.....	22
Requests to amend granted.....	100
Requests to amend denied.....	0
Requests for modification granted.....	1
Requests for modification denied.....	0
Requests to rescind granted.....	0
Requests to rescind denied.....	0
Requests for extension of time granted.....	67
Requests for extension of time denied.....	0
Requests for extension of permit granted.....	12
Requests for extension of permit denied.....	0
Requests to install granted.....	0
Requests to install denied.....	0
Plans approved	12
Plans disapproved	0
Administrative requests granted.....	0
Administrative requests denied or withdrawn.....	0
Interpretations	1
Requests withdrawn or dismissed	14

Total 1001

MONEYS RECEIVED

SUBSCRIPTIONS	OCT.	NOV.	DEC.	TOTAL	1st QUAR.	2nd QUAR.	3rd QUAR.	GR. T'L.
To Bulletin	\$65.00	\$ 47.50	\$ 35.00	\$147.50	\$197.50	\$235.00	\$90.00	\$ \$670.00
Cash Sales	41.61	40.79	54.68	137.08	144.70	105.79	83.65	471.22
Paid to Chamberlain..	\$106.61	\$88.29	\$ 89.68	\$284.58	\$342.20	\$340.79	\$173.65	\$1,141.22

REVIEW FROM 1916

Year	Cases Filed	Restored & M'l Actions	Total to Dis- pose of	Pending Previous Year	Disposed of as Follows:						
					With- drawn	Dis- missed	Cases Denied	Granted etc.	M'l Actions	Total Cases	Pending Dec. 31st
1916	502	32	534	0	39	64	59	204	32	398	136
1917	2620	35	2655	136	291	154	241	838	35	1559	1232
1918	1734	160	1894	1232	803	666	418	1009	160	3056	70
1919	1005	73	1078	70	105	47	271	594	41	1058	90
1920	793	114	907	90	84	100	233	457	33	907	90
1921	1720	176	1896	90	102	296	337	827	35	1597	389
1922	1575	405	1980	389	171	195	262	1025	281	1934	435
1923	1562	308	1870	435	149	189	193	928	219	1678	627
1924	1540	415	1955	627	173	194	290	1003	324	1984	598
1925	1350	335	1685	598	140	129	203	793	275	1540	743
1926	1147	403	1550	743	193	85	289	864	403	1834	459
1927	1357	575	1932	459	168	137	261	679	477	1722	669
1928	988	467	1455	669	230	107	312	585	384	1618	506
1929	765	508	1273	506	177	62	190	518	440	1387	392
1930	760	523	1283	392	175	38	215	379	451	1258	417
1931	623	645	1268	417	103	44	184	471	539	1341	344
1932	631	641	1272	344	158	22	159	492	524	1355	261
1933	389	648	1037	261	54	34	144	312	542	1086	212
1934	368	584	952	212	47	51	162	248	493	1001	163
Total	21429	7047	28476	7670	3362	2614	4423	12226	5688	28313	7833

EDWARD V. BARTON, *Chief Clerk.*

HARRIS H. MURDOCK, *Chairman.*

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner	579-32-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3, and MP-1....	359-33-SA
Anthony Nebulyte Oil Burner	1026-22-SA	Morse Conical Type Steam Atomizing Burner	938-25-SA
Auto-Heat Oil Burner	284-33-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Morse Fuel Oil Burner.....	820-23-SA
Babcock & Wilcox Mechanical Oil Burner..	45-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Automatic Oil Burner	1363-23-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Low Pressure Mechanical Oil Burner	1493-22-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Jr. Oil Burner	1176-27-SA	Nichols-McCann-Harrison Burners.....	255-31-SA
Ballard Staples & Pfeiffer Steam Atomizing High Pressure Burner	1414-22-SA	North American Low Pressure Oil Burner	792-26-SA
Berggren Oil Burner	764-26-SA	Oilbilt Burner.....	85-33-SA
Best Calorex Burner	1464-21-SA	Oronoke Oil Burner.....	394-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	Packard Fuel Oil Burner.....	77-34-SA
Bock Oil Burning Water Heater	102-34-SA	Paramount Oil Burner, Model A.....	617-30-SA
Brighton Oil Burner	372-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Petro Model W Oil Burner.....	452-31-SA
Burnwell Mechanical Burner	957-22-SA	Petro Mechanical Burner and Air Register	735-24-SA
Caloril Burner, Type AA	1361-24-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Carter Oil Burner, Models 4X and 5X	117-34-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Prestomatic Oil Burner.....	294-34-SA
Coen Mechanical Oil Burner	942-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Cornell No. 1 Type A Oil Burner	397-23-SA	Quigley No. 10 Low Pressure Oil Burner..	436-31-SA
Dahl Mechanical Fuel Oil Burner	13-21-SA	Quinn Oil Burning Equipment.....	367-21-SA
D'Elia Oil Burner	155-31-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
DeWalt Oil Burner	541-31-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Doe Oil Burner	317-31-SA	Rockwell Fuel Oil Burner.....	341-21-SA
Enco Type 400 Steam Atomizing Oil Burner	1414-23-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enco Mechanical Oil Burner	509-30-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Enterprise Rotary Fuel Oil Burner	1149-27-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
Enterprise Steam Atomizing Burner	15-33-SA	S. K. Oil Burner, Model F.....	369-33-SA
Fess. Turbine Burner and Airoil Fan and Pump Set	26-22-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner.....	197-32-SA
Forsdraft Oil Burner	41-34-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Frankfort Type P Oil Burner	1046-23-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Gem Fuel Oil Burner	111-26-SA	Standardyne Oil Burner.....	34-34-SA
General Electric Fuel Oil Burner, Model D-1	434-32-SA	Steam Oil Burner.....	183-22-SA
General Electric Oil Burner, Type DA-2..	228-33-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Ghapco Steam Generator	348-21-SA	Sun Heat Oil Burner.....	603-29-SA
Gilbert & Barker Fuel Oil Burner	1636-21-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Gold Star Oil Burner, Models F and S	166-33-SA	Sunway Oil Burner.....	624-30-SA
Goodspeed Oil Burner, Nozzle Type 2	346-33-SA	Surface Combustion Low Pressure Burner	92-23-SA
Goodspeed Oil Burner, Nozzle Type 2	232-32-SA	Tate-Jones Fuel Oil Burner, "L" Type....	1254-24-SA
Grant Oil Burner, Model "C"	128-27-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
GRD Fuel Oil Atomizer.....	72-31-SA	Timken Rotary Oil Burner.....	297-29-SA
Hammond Oil Burner.....	690-30-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Harris Fuel Oil Burner.....	221-33-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hart Oil Burner, Model "H".....	88-27-SA	Todd Rotary Burner, Models A, B and C	454-25-SA
Hauck Venturi Low Pressure Oil Burner..	696-30-SA	Todd Spiro Oil Burner.....	470-31-SA
Hayward Oil Burner	1278-21-SA	Todd Spiro Burner (pump type).....	94-32-SA
Hobeco Oil Burner.....	328-27-SA	Todd Steam Atomizing Fuel Oil Burner..	123-23-SA
Holby Oil Burner	689-29-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Holby Type B Fuel Oil Burner.....	10-34-SA	Vapofier Oil Burner.....	184-34-SA
Hupp Oil Burner, Models H, U, P and PP	5-24-SA	Vaporoil Burner	44-32-SA
Induslo Fuel Oil Burner 1-27.....	105-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Kelvinator Oil Burner, Model K.....	367-30-SA	Wheco Oil Burner.....	108-34-SA
Kreager Oil Burner	226-33-SA	Winslow Kleen Heet Burner, Models 805 and 820.....	19-25-SA
Laco Oil Burner, Models F, JF, BF and D	314-30-SA	Wizard Automatic Oil Burner.....	181-33-SA
Leiman Brothers Fuel Oil Burner.....	129-28-SA	Yorktown Oil Burner.....	166-33-SA
Liberty Automatic Heater.....	75-34-SA		
Liberty Pressure Oil Burner.....	155-20-SA		
Lientz Oil Burner	208-33-SA		
Lohergan Automatic Oil Burner.....	166-34-SA		
Lynn Power Oil Burner, Models 1, 2 and 3	197-33-SA		
Magna Fuel Oil Burner.....	859-26-SA		
Mahrvel Low Pressure Burner.....	1036-22-SA		
Maxon Oil Burner (New Style).....	68-24-SA		
May Oil Burner.....	155-34-SA		
Midget Oil Burner.....	327-31-SA		
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....			

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

1249-22-SA—Coen Steam Atomizing Oil Burner.

628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

32-31-SA—Ray-Dio Sunshine Range Oil Burner.

491-31-SA—Superfex Oil Burning Heater.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

592-32-SA—Ameroil Oil Burner for Stoves and Ranges.

23-33-SA—Sunrex Range Oil Burner.

623-33-SA—Florence Oil Heater, Models GC6, GC7, GS-27 and CH-28.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

126-33-SA—Tower Range Oil Burner.

162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

271-33-SA—Perfect-Pantex Oil Burner.

349-33-SA—Herco Oil Burner.

32-34-SA—Super Oil Burner for Pressing Machine.

88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.

92-34-SA—Autocall Interior Fire Alarm Signal Systems.

125-34-SA—American Oil Burner.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

136-34-SA—Korth Oil Burner, Model G.

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

183-34-SA—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

208-34-SA—Globe Oil Burner Pump.

221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

256-34-SA—"Standard" One-Piece Closet Combination.

263-34-SA—Loneragan Oil Burning Heater, Models F-2, F-3 and C-4.

270-34-SA—Zenith Oil Burner.

274-34-SA—B. & H. Radiant Stove Oil Burner.

275-34-SA—Vapomatic Oil Burner.

291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

302-34-SA—Loyalty Range Burner.

309-34-SA—Hupp Range Oil Burner, Models S.D. and C. D.

311-34-SA—Evur-Ready Range Oil Burner, Models Leader, Standard, De Luxe and W-1.

313-34-SA—General Electric Oil Screen Valve (Anti-Syphon Type), Model CR-7860-E1A.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

329-34-SA—Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.

333-34-SA—Viking Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80.

339-34-SA—Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115 and Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623.

345-34-SA—Micron Oil Burner.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	0
Cases filed up to January 2, 1935	0	Dismissed	0
Restored to Calendar	0	Denied	0
		Granted	0
		Granted on condition	0
		Appliances approved	0
		Appliances dismissed, disapproved or withdrawn ...	0
		Rules approved	0
		Rules disapproved, rescinded or withdrawn	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	0	Requests to reopen granted	0
Requests to amend	0	Requests to reopen denied	0
Requests for modification	0	Requests to amend granted	0
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time	0	Requests for modification granted	0
Requests for extension permit	0	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans	0	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	0
Requests for interpretation	0	Requests for extension of time denied	0
Total	163	Requests for extension of permit granted	0
Disposed of	0	Requests for extension of permit denied	0
Cases pending January 2, 1935	163	Requests to install granted	0
		Requests to install denied	0
		Plans approved	0
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	0
		Total	0

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order. therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year JANUARY 15, 1935 Single Copies, 5 cents No. 3 By mail, 8 cents

UNIVERSITY OF ILLINOIS

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-6184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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This issue of the Bulletin contains, in the order given—

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Call of Clerk's Calendar.

Notices in Building Zone Cases.

The Trial Calendar.

Minutes of Regular Meeting, January 8, 1935, at 10 A. M.

Minutes of Regular Meeting, January 8, 1935, at 2 P. M.

Approved Range Oil Burners.

Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The Clerk's Calendar consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, January 14, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, January 21, 1935, at 2 o'clock.

The Clerk's Calendar is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET

New Cases Filed up to January 9, 1935.

Cal. No.	Department	Premises Affected
6-35-A.....	F.D.....	1236 Castleton ave. (Block 212, Lot 36), West New Brighton, Richmond.
5-35-BZ....	D.B.M.....	4297-4301 Broadway (Block 2180, Lot 108,) Manhattan.
4-35-BZ....	D.B.Q.....	Rockaway boulevard, S.E. cor. 77th street (Block 95, Lot 1), Woodhaven. Queens.
3-35-SA.....	F.D.....	Yorktown Oil Burner, Model A, Appliance
2-35-BZ....	D.B.B.....	5313-23 Avenue D and 642-652 East 54th street, N.W. cor. (Block 4774, Lot 39), Brooklyn.
1-35-BZ....	D.B.M.....	111 West 111th street (Block 1821, Lot 21½), Manhattan.

Restored to Calendar.

216-33-BZ...	D.B.B.....	2414-20 Flatbush avenue, S.W. cor. Avenue T (Block 8542, Lot 41), Brooklyn.
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CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

	Last Publication in Bulletin
Certificate of Occupancy, approved forms.....	Aug. 2, 1932—Vol. 17 No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime)....	Oct. 9, 1934—Vol. 19 No. 41
Elevator Rules.....	July 3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors).....	Jan. 1, 1935—Vol. 20 No. 1
Factory Exit Rules.....	Dec. 11, 1934—Vol. 19 No. 50
Fire Alarm Rules (Interior).....	Nov. 20, 1934—Vol. 19 No. 47
Fire Drill Rules.....	May 30, 1933—Vol. 18 No. 22
Fire Retarding Rules for Garages, etc.	Dec. 11, 1934—Vol. 19 No. 50
Fireproof Wood, Testing of.....	Oct. 2, 1934—Vol. 19 No. 40
Frame Garages, Ruling for.....	Jan. 21, 1919—Vol. 4 No. 3
Gas Shut-Off Rules.....	Apr. 7, 1925—Vol. 10 No. 14
Hatchway Protection.....	June 5, 1928—Vol. 13 No. 23
Oil Burner Rules.....	Dec. 18, 1934—Vol. 19 No. 51
Paint, Varnish and Lacquer Spray- ing Rules.....	Nov. 27, 1934—Vol. 19 No. 48
Plumbing Rules.....	Dec. 25, 1934—Vol. 19 No. 52
Procedure, Rules of.....	June 20, 1933—Vol. 18 No. 25
Refrigerating Systems, Extract C.O. Nov. 20, 1934—Vol. 19 No. 47	
Smoking in Factories, Rules for....	Dec. 11, 1934—Vol. 19 No. 50
Sprinkler Rules.....	Jan. 16, 1934—Vol. 19 No. 3
Standpipe Fireline Rules.....	Oct. 16, 1934—Vol. 19 No. 42
Structural Alterations, Reporting..	June 7, 1932—Vol. 17 No. 23
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)....	Apr. 10, 1923—Vol. 8 No. 15

LIST OF APPROVED APPLIANCES

Fireline Hose Valves.....	Jan. 15, 1935—Vol. 20—No. 3
Fuel Oil Burners for Domestic and Commercial Use.....	Jan. 1, 1935—Vol. 20 No. 1
Fuel Oil Burners for Industrial Use..	Jan. 15, 1935—Vol. 20—No. 3
Fuel Oil Pumps.....	Jan. 1, 1935—Vol. 20 No. 1
Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
Range Oil Burners.....	Jan. 15, 1935—Vol. 20—No. 3

CALL OF CLERK'S CALENDAR MONDAY, JANUARY 14, 1935, AT 2 P. M.

Building Zone Cases.

619-31-BZ	APPLICANT—James Kearney, for Estate of Israel Miller, owner.
PREMISES—148-16 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.	
APPLICATION, under section 21 of the building zone resolution (reopened May 8, 1934),	
TO PERMIT partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the board for a temporary period.	
113-34-BZ.	APPLICANT—Sidney Lipston, for Morris Gorelik, owner.
PREMISES—1009 Myrtle avenue (Block No. 1749, Lot No. 48), Borough of Brooklyn.	
APPLICATION, under section 21 of the building zone resolution,	
TO PERMIT in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles.	

288-34-BZ.	APPLICANT—Kennedy & Ellner, for Ignatz Wohl, owner.
PREMISES—Northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2292, Lot No. 45), Ozone Park, Borough of Queens.	
APPLICATION, under section 21 of the building zone resolution,	
TO PERMIT in a business district the erection and maintenance of a gasoline service station.	

346-34-BZ.	APPLICANT—Samuel Falk, for Nation Wide Petrol Corp., owner.
PREMISES—6501-6505 22d avenue (Bay Parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Borough of Brooklyn.	
APPLICATION, under sections 7a and 21 of the building zone resolution,	
TO PERMIT in a business district the alteration, extension and maintenance of a gasoline service station.	

JANUARY 15, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 15, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 296-34-BZ—Application, October 20, 1934, under section 7c of the building zone resolution, of Eugene De Rosa, applicant, on behalf of 1934 Realty Corporation, owner, to permit partly in a residence district and partly in a business district the erection and maintenance of an extension to an existing building—to be used as a theatre; premises south side of East Mount Eden avenue, entire block from Townsend avenue to Walton avenue (Block No. 2845, Lot Nos. 34 and 56), Borough of The Bronx.

CALENDAR

CAL. NO. 116-30-BZ—Application, February 14, 1930; withdrawn June 3, 1930; reopened November 7, 1934 under sections 7c and 21 of the building zone resolution, of William Shary, applicant, on behalf of Samuel Rubin & Son, Inc., owner, to permit in a residence district the alteration and conversion of occupancy of part of basement and first story of an existing apartment house from dwelling to business use (stores); premises 1401 Grand Concourse, southwest corner of East 170th street (Block No. 2842, Lot No. 59), Borough of The Bronx.

CAL. NO. 1148-27-BZ—Application of Saul Goldsmith, on behalf of Kaufbel Realty Corp., owner, reopened May 29, 1934, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building (now part of a gasoline service station previously granted by the Board) to a motor vehicle repair shop; premises 1146-1152 Atlantic avenue (Block No. 1199, Lot No. 8), Borough of Brooklyn.

CAL. NO. 662-26-BZ—Application of Charles Richel, on behalf of Sarah Richel, owner, reopened July 3, 1934, under section 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (previously granted by the Board for a temporary period—the temporary period has elapsed); premises 3504-3510 Boston road, southeast corner of Eastchester road (Block No. 4723, Lot No. 66), Borough of The Bronx.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 15, 1935, 2 P. M.

Appeals from Administrative Orders.

- 260-34-A—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot No. 20), Manhattan.
- 338-34-A—2212-2224 Third avenue, 173 East 120th street and 192-198 East 121st street (Block No. 1769, No. 36), Manhattan.
- 350-34-A—411 47th street (Block No. 756, part of Lot No. 1), Brooklyn.

Petition for Variation.

- 286-34-S—12 Gratton street (Block No. 3102, Lot No. 11), Brooklyn.

Appliances Submitted for Approval.

- 351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.
- 356-34-SA—Hvpressure Jennv (Spray Cleaning Unit), Models D and F.
- 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
- 360-34-SA—National Oil Burner, Model E-J.
- 361-34-SA—National Range Oil Burner.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 15, 1935, at 2 o'clock*, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 267-34-BZ—Application, September 24, 1934, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Rosa B. R. Heintz and Jacob Siegel, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Jerome avenue, 160.8 ft. north of East 213th street (Block No. 3329, Lot No. 92), Borough of the Bronx.

CAL. NO. 269-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Marcus Cohn, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens.

CAL. NO. 53-29-BZ—Application of Edward L. Kelly, on behalf of Harry Barrow, owner, reopened December 11, 1934, for consideration as to an extension of time to complete work—time having elapsed—re Application, granted on certain conditions under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 5231-5247 Kings highway, northeast corner of Foster avenue (Block No. 7949, part of Lot No. 1), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 21, 1935, AT 2 P. M.

Building Zone Cases.

216-34-BZ

APPLICANT—Samuels and Samuels, for Annie Carraher, owner.

CALENDAR

PREMISES—977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

APPLICATION, under Section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

324-34-BZ

APPLICANT—Barashay and Sugarman, for Kayson Lumber Co., Inc., owner.

PREMISES—1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT, in a business district the inclusion of a saw or planing mill in an existing lumber yard.

343-34-BZ

APPLICANT—Michael Levine, for Neslage Realty Corp., owner.

PREMISES—83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT, in a business district the erection and maintenance of a gasoline service station.

335-34-BZ

APPLICANT—Lama and Proskauer, for Calogero Pisciotta, owner.

PREMISES—1704-12 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT, in a business district the erection and maintenance of a gasoline service station.

JANUARY 22, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 22, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 332-34-BZ—Application, November 26, 1934, under sections 7b, 7c and 21 of the building zone resolution, of Joseph V. O. applicant, on behalf of Spes Realty Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan.

CAL. NO. 975-28-BZ—Application of Scacchetti & Siegel, on behalf of the Estate of J. H. Douglas, Inc., present owner, reopened October 30, 1934, under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be used as a dry cleaning establishment (previously denied for a garage); premises east

side of Bullard avenue, 100.01 ft. north of East 240th street (Block No. 5077, Lot Nos. 8, 11 and 14), The Bronx.

CAL. NO. 218-34-BZ—Application, July 25, 1934, under section 21 of the building zone resolution, of Charles Schwimbersky, applicant, on behalf of Gustave Bondy, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 103-15 Astoria avenue, northwest corner of Humphreys street (Block No. 1667, Lot No. 8), East Elmhurst, Borough of Queens.

CAL. NO. 305-33-BZ—Application, September 19, 1933; withdrawn January 30, 1934; reopened September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of William Berg, owner, to permit in a business district the alteration and change of occupancy of an existing building to a gasoline service station; premises 104-106 Fourth avenue, southwest corner of Warren street (Block No. 401, Lot No. 38), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 22, 1935, 2 P. M.

Appeals from Administrative Orders.

232-34-A—1589 Atlantic avenue, northeast corner of Troy avenue (Block No. 1706, Lot No. 1), Brooklyn.

341-34-A—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.

347-34-A—Beach 149th street and Ocean Promenade (Block No. 810, Lot No. 1); (Main building, Neponsit Beach Hospital), Neponsit, Borough of Queens.

257-34-A—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

Appliances Submitted for Approval.

183-34-SA—Kohler "Integral" K-5580 One-Piece Syphon Jet Water Closet.

364-34-SA—M. W. Oil Burning Range, Commercial Models 152 and 251 Domestic Models 101G and 126B.

365-34-SA—M. W. Water Heater, Model 20-D.

366-34-SA—M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801.

367-34-SA—M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450.

368-34-SA—Ray-Dio Sunshine Oil Burner.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 22, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 297-34-BZ—Application, October 22, 1934, under section 21 of the building zone resolution, of Jack Fein, applicant, on behalf of Enmor Realty Corporation, owner,

CALENDAR

to permit in a business district the erection and maintenance of a gasoline service station; premises 2705-2715 Nostrand avenue, east side, 360 ft. north of Avenue N (Block No. 7666, Lot No. 25), Borough of Brooklyn.

CAL. NO. 281-34-BZ—Application, October 4, 1934, under section 21 of the building zone resolution, of John M. Baker, applicant, on behalf of Astoria Riker Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises southeast corner of Astoria boulevard and (proposed) 77th street (Block No. 1030, part of Lot No. 40), Jackson Heights, Borough of Queens.

CAL. NO. 500-28-BZ—Application of William Shary, applicant, for Charles Zenker, present owner, reopened October 2, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 2801-2819 Bailey avenue, northwest corner of West Kingsbridge road (Block No. 3264, Lot No. 30), Borough of The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 28, 1935, AT 2 P. M.

Building Zone Cases.

283-34-BZ

APPLICANT—George I. Laird, owner.

PREMISES—241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages.

3-31-BZ

APPLICANT—W. Bryce Rea, owner.

PREMISES—250-21 Northern boulevard, north side, 151 ft. east of 250th street (Block No. 3984, Lot No. 89), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened April 10, 1934),

TO PERMIT in a business district the change of occupancy of an existing building to a motor vehicles repair shop.

334-34-BZ

APPLICANT—John F. Meehan, for Fred Starke, owner.

PREMISES—Northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station.

287-34-BZ.

APPLICANT—Samuel Rosenblum, substituted for Howard Kelly, for Mutual Life Insurance Co., owner.

PREMISES—Northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

JANUARY 29, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 29, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 326-34-BZ—Application, November 16, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Engelbert Bick, owner, to permit in a business district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

CAL. NO. 231-34-BZ—Application, August 9, 1934, under section 21 of the building zone resolution, of Samuel M. Rivelson, applicant, on behalf of Constantinos Demetroukas, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 9402-9404 Church Avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Borough of Brooklyn.

CAL. NO. 271-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Henry C. Brucker, applicant, on behalf of Henry Schneider, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Cooper avenue, 130 ft. southwest of the corner of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

CAL. NO. 722-23-BZ—Application of James Kearney, on behalf of Julia Hirsch, owner, reopened October 2, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the Board) so as to include a gasoline service station; premises 2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALENDAR

JANUARY 29, 1935, 2 P. M.

Appeals from Administrative Orders.

- 245-34-A—West side of Vernon boulevard, 90 ft. north of 43rd avenue (Block No. 484, Lot No. 23), Long Island City, Borough of Queens.
216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 29, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

- CAL. NO. 216-33-BZ—Application of the M.M.&L. Realty Association, owner, reopened January 8, 1935, for consideration as to an extension of time to complete work—time having elapsed—re Application, granted on certain conditions, under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 2414-2420 Flatbush avenue, southwest corner of Avenue "T" (Block No. 8542, Lot No. 41), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 5, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 5, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

- CAL. NO. 264-34-BZ—Application, September 12, 1934, under section 21 of the building zone resolution, of William C. Goodson, applicant, on behalf of Bartholdi Turecamo, owner, to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line; premises 8412 Ridge Boulevard (Block No. 6023, Lot No. 39). Borough of Brooklyn.

- CAL. NO. 310-34-BZ—Application, November 7, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Emma L. Verran, owner, to permit in a residence use and also "E" area district the erection and maintenance of a multiple dwelling occupying a greater percentage of the lot than permitted in an "E" area district and, also, erected nearer than ten (10) feet from the building lines, which is contrary to the requirements of the

Building Zone Resolution; premises 4204-4308 Atlantic avenue, block front, south side, from Beach 42nd street to Beach 43rd street (Block No. 7041, Lot Nos. 1 and 30), Sea Gate, Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 19, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

- CAL. NO. 290-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Levy and Berger, applicants, on behalf of 291 Greenwich Street Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1611-1619 Eastern boulevard, northwest corner of Morrison avenue (Block No. 3718, Lot No. 1), Borough of The Bronx.

- CAL. NO. 460-26-BZ—Application of Thomas W. Lamb, Inc., on behalf of Brooklyn Ridgewood Corp., present owner, reopened September 11, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre (previously granted by the board, and time to complete building has expired); premises 4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 26, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:*

- CAL. NO. 292-34-BZ—Application, October 16, 1934, under section 21 of the building zone resolution, of John Palmeri, applicant and owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, JANUARY 8, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the Board held on Tuesday morning, December 18, 1934, and the minutes of the regular meeting of the Board held on Tuesday afternoon, December 18, 1934, were approved as printed in Bulletin No. 52, Vol. XIX.

BUILDING ZONE CASES.

231-34-BZ.

APPLICANT—Samuel M. Rivelson, for Constantinos Demetrookas, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—9402-9404 Church avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Brooklyn.

APPEARANCES—

For Applicant: Samuel M. Rivelson.

For Opposition: Isidor Katz and C. R. Stainton.

ACTION OF BOARD—Laid over to January 29, 1935, at 10 a. m., on request of applicant.

297-34-BZ.

APPLICANT—Jack Fein, for Enmor Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2705-2715 Nostrand avenue, east side, 360 ft. north of Avenue N (Block No. 7666, Lot No. 25), Borough of Brooklyn.

APPEARANCES—

For Applicant: James F. Kleinman and Maurice Widman.

For Opposition: Dr. M. H. Blatt, Louis A. Sable, C. F. Kelly, Charles Shankroff, Arthur J. Canfield, A. A. Haig, Katherine Finmara, Ada F. Verdt, Florence U. Haig and Bernard L. Weynberg.

ACTION OF BOARD—Laid over to January 22, 1935, at 2 p. m., for report of committee on inspection. No further argument.

264-34-BZ.

APPLICANT—William C. Goodson, for Bartholdi Turcamo, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line.

PREMISES AFFECTED—8412 Ridge boulevard (Block No. 6023, Lot No. 39), Brooklyn.

APPEARANCES—

For Applicant: John Potts.

For Opposition: None.

ACTION OF BOARD—Laid over to February 5, 1935, at 10 a. m., on request of applicant's representative.

281-34-BZ.

APPLICANT—John M. Baker, for Astoria Riker Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Astoria boulevard and (proposed) 77th street (Block No. 1030, part of Lot No. 40), Jackson Heights, Borough of Queens.

APPEARANCES—

For Applicant: John M. Baker.

For Opposition: L. C. Squire, for Department of Parks; C. V. Bill, for Department of Buildings, Queens.

ACTION OF BOARD—Laid over to January 22, 1935, at 2 p. m., for report of committee on inspection. No further argument.

106-32-BZ.

APPLICANT—S. J. Kessler, for Gus-To Realty Co., Inc., owner.

SUBJECT—Application (re decision of the superintendent of buildings), under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of a residence building to business use (stores).

PREMISES AFFECTED—2351-2355 Grand Concourse, northwest corner of Field place (Block No. 3164, Lot No. 50), The Bronx.

APPEARANCES—

For Applicant: S. J. Kessler.

For Opposition: None.

ACTION OF BOARD—Application withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

39-34-BZ.

APPLICANT—Hlavac and Dlouhy, for Little Neck Investors, Inc., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a residence district the change of occupancy of an existing building to business use (restaurant).

PREMISES AFFECTED—Northwest corner of Pembroke avenue and Westmoreland street (Block No. 4118, Lot No. 221), Little Neck, Borough of Queens.

APPEARANCES—

For Applicant: Albert Hlavac.

ACTION OF BOARD—Application reopened and time extended to obtain permit.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

THE VOTE TO EXTEND TIME TO OBTAIN PERMIT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

THE RESOLUTION—

(39-34-BZ)

WHEREAS, this application affecting premises northwest corner of Pembroke avenue and Westmoreland street (Block No. 4118, Lot No. 221), Little Neck, Borough of Queens, was granted by the board June 26, 1934, on certain conditions, time extended October 2, 1934, and applicant requested a further extension of time.

Resolved, that the resolution adopted by the board on June 26, 1934, be amended only so far as it has reference

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to obtaining the necessary restaurant permit from the Board of Health so that as amended this portion of resolution shall read:

"... and the restaurant permit from the Board of Health shall be obtained within one year from June 26, 1934; and that other than as amended herein the resolution adopted by this board June 26, 1934, shall be complied with in all respects."

APPLIANCES SUBMITTED FOR APPROVAL.

491-31-SA.

PETITIONER—Perfection Stove Co., owner.

SUBJECT—Superfex Oil Burning Heater—amendment.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(491-31-SA)

WHEREAS, the Perfection Stove Co., owner, filed October 6, 1931, a petition with the Board of Standards and Appeals, for approval of their device, known as the Superfex Oil Burning Heater; and

WHEREAS, this device was approved by the board July 8, 1932, under the Rule 22 of the Fuel Oil Rules then in force; and

WHEREAS, the applicant requested an amendment of the resolution so that the approval of the burner would be effective under the Oil Burner Rules adopted June 15, 1934; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, recommended the amendment of the resolution, provided certain recommendations were incorporated in the resolution.

Resolved, that the Board of Standards and Appeals hereby *amends* its resolution of July 8, 1932, and *approves* the device known as the Superfex Oil Burning Heater for use in domestic, commercial and industrial installations, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

"1—That the instruction card furnished with this burner to all users shall contain the following:

NOTICE

Approved by the Board of Standards and Appeals under Cal. No. 491-31-SA

For Use in New York City.

Only an Approved Safety Can Shall Be Used In Filling This Storage Container.

"2—The storage container shall bear a label permanently affixed of the decalcomania or metal label type, reading as above.

"3—Floor beneath the oil burning device shall be protected by a shield of 1/2" asbestos or other equivalent material, extending at least 12 inches beyond the outline of heating device.

"4—Only approved safety cans shall be used for the storage and filling of oil containers.

"5—This burner shall be connected to a legal chimney, complying with the requirements of Section 403 of Chapter V of the Code of Ordinances; said chimney to have a readily accessible cleanout door; the flue connection to the chimney shall be equipped with automatic damper.

"6—The fuel oil used in this device shall be range oil or No. 1 or No. 2 fuel oil."

271-33-SA.

PETITIONER—Perfect Burner Co., Inc., owner.

SUBJECT—Perfect-Pantex Oil Burner, approval of.

APPEARANCES—

For Petitioner: W. B. McDevit.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(271-33-SA)

WHEREAS, Perfect Burner Co., Inc., owner, filed August 11, 1933, a petition with the Board of Standards and Appeals, for approval of the device known as the Perfect-Pantex Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner tested is intended solely for use with pressing machines and is of the mechanical draft pot type. It is intended to burn oil of a gravity of 38° to 42° Baume. The burner consists chiefly of a combustion chamber housing baffles and a spreader plate. The air is supplied by a blower manufactured by the Champion Forge Co. and driven by 1/64 of a H.P. Emmerson electric motor. The combustion chamber is insulated by fire brick.

The fuel is supplied from a three-gallon gravity tank. Between the tank and burner there is located a Ryan fusible Shutoff valve. The burner is equipped with a Detroit lubricator constant level valve, which prevents flooding of the combustion chamber. There is also provided a Detroit lubricator solenoid valve, which is operated by a Minneapolis Honeywell pressuretrol.

The oil flows by gravity to the combustion chamber through the constant level valve and should the flame be extinguished the constant level valve would trip the needle valve and shut the supply of oil, which would prevent an overflow. Between the Ryan safety valve and the constant level valve there is a Detroit lubricator strainer. A small by-pass around the solenoid valve provides a constant pilot light. This installation is fully automatic.

The burner was operated and allowed to run until a pressure of 85 lbs. was reached as indicated by steam gauge of boiler. At this point the Pressuretrol cut off the supply of oil to the burner and after 37 seconds the burner was completely shut down. The flame was steady without any evidence of soot or smoke and the combustion chamber showed no undue carbon deposits. There were no flare backs or puffs during the test.

This burner and method of installation in my opinion is safe for the purpose for which it is intended and its approval is recommended therefor, when installed in accordance with the oil burner rules and certain recommendations which are a part of this report.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Perfect-Pantex Oil Burner for use in commercial and industrial installations when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals, and with the following additional requirements:

1. When exposed oil piping is more than 8 in. in

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length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.

2. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

Approved

BY THE

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. NO. 271-33-SA.

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

"3. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft. If no legal chimney is available such flue may exhaust directly to the outer air.

"4. The oil supply container shall be firmly anchored to the floor and at a distance of at least 60 in. from the boiler in which the device is installed.

"5. Only safety cans approved by the New York City Fire Department shall be used for the storage and filling of the oil container.

"6. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the boiler in which the device is installed.

"7. The boiler from the top thereof to the floor line shall be protected with a jacket 1 in. in thickness of either air-cell asbestos or 85% magnesia, except that an operating opening may be left open at the base not exceeding 50 sq. in. in area, said jacket to be secured by wire to the boiler and completely covered with sheet steel or with hard cement surface.

"8. The storage of oil shall be limited to not more than two 5-gallon safety cans in reserve, unless the installation is made in complete conformity with the Oil Burner Rules as to storage of oil.

"9. The fuel oil used in this device shall be range oil or No. 1 or No. 2 fuel oil.

"10. The right is reserved by the Board of Standards and Appeals to make additional requirements if and when such additional requirements are deemed necessary."

62-33-SA.

PETITIONER—Florence Stove Company, owner.

SUBJECT—Florence Oil Heater—Models GC-6, GC-7, GS-27 and CH-28—approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Resolution amended and additional models approved.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

THE RESOLUTION—

(62-33-SA)

WHEREAS, the Florence Stove Company, owner, filed February 16, 1933, a petition with the Board of Standards and Appeals for approval of the device known as the Florence Oil Heater, Model KC-9; and

WHEREAS, this device was approved by the board at its meeting April 17, 1934, on certain conditions; and

WHEREAS, applicant requested an amendment of the resolution to include the approval of Models GC-6, GC-7, GS-27 and CH-28; and

WHEREAS, these models were submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

These heaters are of the Circulating Space Type, utilizing the same principles as those employed in the range burners which already have been approved by this department.

The Models GC-6 and GC-7 are equipped with a 2-gallon metal tank. The Model GS-27 has one 3-gallon tank and the Model CH-28 has two 3-gallon tanks. Each tank in this CH-28 has its own separate metering valves and one tank which is $\frac{1}{16}$ of an inch higher than the other, thus insures that one tank will empty before the other starts to operate. All these burners are equipped with Metering Valves of the "V" Slot Type, manufactured by the Florence Stove Company. Automatic dampers are provided in the flue connection on each heater.

It is recommended that these models be approved when installed in accordance with the oil burner rules and in accordance with certain recommendations.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28, for use in domestic and commercial installations when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and the following additional requirements:

"1. The shell of the burner shall be air-tight and that the valve shall be so adjusted that complete combustion will take place.

"2. The fuel control valve shall have a fixed stop attached thereto at a point at which complete combustion will be attained so as to prevent the valve being opened beyond that point.

"3. Storage container shall bear a label of the decalomania or metal type permanently affixed, reading as follows:

NOTICE

Approved

BY THE

BOARD OF STANDARDS AND APPEALS

UNDER CAL. NO. 62-33-SA.

For Use in New York City

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

"4. Floor beneath the oil burning device shall be protected by a shield of at least $\frac{1}{2}$ -inch asbestos or other equivalent material extending at least 12 inches beyond the outline of such device.

"5. Only safety cans approved by the New York City Fire Department shall be used for the storage and filling of oil containers.

"6. This burner shall be connected to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, said chimney to have a readily accessible cleanout door; the flue from the device to the chimney shall be equipped with an automatic damper.

"7. That the fuel oil used with these devices shall be range oil or No. 1 or No. 2 fuel oil."

Adjourned 1 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, JANUARY 8, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

287-34-BZ.

APPLICANT—Samuel Rosenblum, substituted for Howard Kelly, for Mutual Life Insurance Company, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1401-1409 College avenue, northwest corner of East 170th street (Block No. 2786, part of Lot Nos. 2 and 29), The Bronx.

APPEARANCES—

For Applicant: Samuel Rosenblum.

For Opposition: Henry Spitz and Earl I. Gallant.

ACTION OF BOARD—Laid over to January 28, 1935, at 2 p. m. for a calendar call; applicant to file revised plans and amend application.

500-28-BZ.

APPLICANT—William Shary, for Charles Zenker, present owner.

SUBJECT—Application (decision of the commissioner of buildings) under section 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station. (Reopened October 2, 1934.)

PREMISES AFFECTED—2801-2819 Bailey avenue, northwest corner of West Kingsbridge road (Block No. 3264, Lot No. 30), Borough of The Bronx.

APPEARANCES—

For Applicant: William Shary, Charles Zenker and Samuel J. Resnick.

For Opposition: Hyman Jackson, J. Geltman and Earl I. Gallant.

ACTION OF BOARD—Laid over to January 22, 1935, at 2 p. m., applicant to file revised plans.

216-33-BZ.

APPLICANT—M. M. & L. Realty Association, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2414-2420 Flatbush avenue, southwest corner of Avenue "T" (Block No. 8542, Lot No. 41), Brooklyn.

APPEARANCES—

For Applicant: James Ward, Jr.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing January 29, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

833-28-BZ.

APPLICANT—Arthur W. Renander, for Turnpike Properties, Inc., owner.

SUBJECT—Application (re decision of the superintendent of buildings) under sections 21 and 7-g of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—80-02 to 80-12 Holliswood avenue (188th street), southwest corner of Union Turnpike (Block No. 3014, part of Lot No. 110), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS FOR LACK OF PROSECUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(833-28-BZ)

WHEREAS, this application, affecting premises 80-02 to 80-12 Holliswood avenue (188th street) southwest corner of Union Turnpike (Block No. 3014, part of Lot No. 110), Jamaica, Queens, was filed with this board; and

WHEREAS, although the applicant was notified to complete his papers he failed to do so.

Resolved, that the application be and it hereby is *dismissed* for lack of prosecution.

261-34-BZ.

APPLICANT—Wood & Marshall, for Samuel H. Baylis and Sheldon F. Baylis, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station and also a parking space for more than five motor vehicles.

PREMISES AFFECTED—93-28 New York avenue, west side, 25 ft. south of L. I. R. R. (Block No. 1052, Lot Nos. 41 and 43), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Clifford B. Marshall and Samuel H. Baylis.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(261-34-BZ)

WHEREAS, Wood & Marshall, for Samuel H. Baylis and Sheldon F. Baylis, owners, filed September 7, 1934, an application, under the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station and also a parking space for more than five motor vehicles; premises 93-28 New York avenue, west side, 25 ft. south of L. I. R. R. (Block No. 1052, Lot Nos. 41 and 43), Jamaica, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 8, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that New York avenue is in a business district—Union Hall street is in business and unrestricted districts and Archer place is in business and unrestricted districts; and

WHEREAS, the decision of the commissioner of buildings, rendered August 29, 1934, re Plan No. 1380-34, reads:

"1. The erection of a gasoline service station and auto parking for more than five cars in a business district is contrary to the Zone Law."; and

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WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 100 feet and a maximum depth of 115 feet, upon the southerly portion of the plot there is located a two-story frame dwelling which structure it is proposed to demolish; on the northwest portion of the plot there is a one-story brick 5-car garage 47 ft. by 29 ft. in area which is to remain. It is proposed to erect upon the plot a one-story structure 37 ft. by 22 ft. in area to be used as office and grease pits and also to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the property in question was the subject of an inspection by a committee of the board on November 13, 1934, which inspection was made and verbal report submitted by the chairman in behalf of the committee; and

WHEREAS, this report recommended the granting of this application and the board deemed that the applicant had substantiated his basis of appeal under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the Building Zone Resolution, and that the application be and it hereby is *granted*, under section 21, permitting the premises under appeal to be used for a gasoline selling station, *on condition* that all existing buildings shall be removed from the plot and that the premises shall be excavated approximately to the grade of New York avenue; that the station shall be constructed in accordance with plans submitted, marked "received January 3, 1935," that there shall be constructed on all interior lot lines a reinforced concrete retaining wall, as indicated, the top of which shall follow the natural grade of the surrounding lots and that there shall be constructed at the top of this retaining wall an iron guard rail not less than 4 ft. in height to which shall be attached a wire mesh fence; that the accessory building for office and greasing pits shall not exceed one story in height and shall be located toward the center of the plot, as indicated; that this building shall be constructed of incombustible materials, except that the roof beams, roof boarding, windows and doors may be of wood, provided the ceiling is fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall be no excavation under this building, except the pits for the greasing racks; that the front of the greasing rack section shall remain open; that pumps shall be erected where indicated, not nearer than 15 ft. back from the building line; that on the building line there shall be erected a reinforced concrete curb, as indicated, not less than 12 in. in width and not less than 6 in. in height with rounded top with not over two openings, as shown, not to exceed 25 ft. in width; that no part of an opening shall be nearer than 10 ft. to either interior lot line; curb cuts approximately opposite, as indicated, shall be not more than 30 ft. in width; that the entire area where not covered by accessory buildings shall be cement or asphalt paved or covered with cracked blue stone, provided that if blue stone is used same shall be well tamped and bound with tarvia or similar binding; that no automobile repairing shall be carried on; that no portable gasoline tanks shall be used on or from the premises; that the rear of the plot may be used for auto parking; that advertising shall be limited to the illuminated globes of the gasoline pumps and to a flat sign attached to the accessory building; that lights for illumination shall be on standards with metallic reflectors reflecting downwardly; that there shall be no open flame used on the premises; that all permits shall be obtained within six months and all work completed within one year from the date of this action.

320-34-BZ.

APPLICANT—Allmendinger & Schlendorf, for Werst Realty Co., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the change of occupancy of an existing building to a business use (funeral home).

PREMISES AFFECTED—71-39 to 71-49 Cooper avenue and 71-54 to 71-66 72nd street, northwest corner (Block No. 3688, Lot No. 38), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: Louis Allmendinger.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(320-34-BZ)

WHEREAS, Allmendinger & Schlendorf, for Werst Realty Co., owner, filed, November 15, 1934, an application under the building zone resolution to permit partly in a business district and partly in a residence district the change of occupancy of an existing building to a business use (funeral home); premises 71-39 to 71-49 Cooper avenue and 71-54 to 71-66 72nd street, northwest corner (Block No. 3688, Lot No. 38), Glendale, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 8, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Cooper avenue is in a business district; 72nd street is in business and residence districts; 71st place is in business and residence districts; and

WHEREAS, the decision of the Commissioner of Buildings, rendered October 30, 1934 (re Applic. No. 7232), reads:

"1. That portion of building extending into a residence district is contrary to Art. 2, Sec. 6, Par. 4 BZR."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 130 ft. 5 in. on Cooper avenue and 161 ft. 10 in. on 72nd street. The southerly portion of the plot is located in the business district and the northerly portion is located in the residence use district. Upon the central part of the plot there is located a two-story frame structure approximately 105 ft. by 30 ft. in area. An irregular portion of the north section of this building extends into the residence district, the remainder of the building is in the business district. Proposes to use the building as a "Funeral Home"; and

WHEREAS, this property was inspected by a committee of the board, and verbal report submitted by the chairman on behalf of the committee prior to the hearing, and this report recommended that this application be granted and the Board deemed that the applicant had substantiated the basis of his appeal under Sections 7A and 21 of the Building Zone Resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the Building Zone Resolution, and that the application be and it hereby is *granted* under Sections 7A and 21, permitting the alteration and extension of the existing building to be altered substantially as indicated on plans filed with this application, and used as a funeral parlor on the ground floor and living quarters on the second story, and permitting the present vacant area located within the district zoned for residence use to be occupied in conjunction with the funeral parlor use, *on condition* that the entire plot shall be suitably fenced and landscaped as proposed; that along the property lines to the north and west there shall be planting main-

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tained to act as an effective screen for the protection of the adjacent properties; that other than as varied herein as to zoning use the building shall comply with all laws and regulations applying to the proposed occupancy; that all permits shall be obtained within six months and all work completed within one year.

816-24-BZ.

APPLICANT—Eugene De Rosa, for National Council of Congregational Churches, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 7c of the building zone resolution, to permit in a residence district the alteration, extension and change of occupancy of a building now occupied as a public market and stores (granted by the board October 3, 1924), to its original occupancy of motion picture theatre and stores (reopened July 17, 1934).

PREMISES AFFECTED—799-805 Washington avenue, southeast corner of Lincoln place (Block No. 1180, Lot No. 6), Brooklyn.

APPEARANCES—

For Applicant: Eugene De Rosa and Frederick Small.

For Opposition: Harry Dublirer.

ACTION OF BOARD—Application granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(816-24-BZ)

WHEREAS, Eugene De Rosa, for Nat'l. Council of Congregational Churches, owner, filed, June 18, 1924, granted on certain conditions October 3, 1924, for a public market; reopened July 17, 1934, on an application under the building zone resolution to permit in a residence district the alteration, extension and change of occupancy of a building now occupied as a public market and stores, to its original occupancy of motion picture theatre with the additions of stores; premises: 799-805 Washington avenue, southeast corner of Lincoln place (Block No. 1180, No. 6), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 8, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Washington avenue is in residence and business districts; Lincoln place is in residence and business districts and Eastern Parkway is in a residence district; and

WHEREAS, the decision of the Commissioner of buildings, rendered November 9, 1934, re App. No. 13132-1934, reads:

"1. The proposed change of occupancy accompanied by a structural alteration of this building in a residential district from the store and market use originally granted by the Board of Appeals under Cal. 816-24-BZ to a use as stores and motion picture theatre is contrary to the building zone resolution, art. II, sec. 6."

and ...

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 91 ft. 3 in. on Washington avenue and 130 ft. 3 in. on Lincoln place—upon which is located a one-story, non-fireproof structure, 91 ft. 3 in. by approximately 122 ft. (along Lincoln place) in area—occupied as a public market and also stores. It is proposed to erect at the east end of the structure a one-story addition 8 ft. by 27 ft. in area and to occupy the structure as a motion picture theatre (560 seating capacity and as stores; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 7, subd. (a) of the

Building Zone Resolution, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby make an application in the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 7(a), permitting the existing building to be altered, as indicated on plans filed with this application, for use as stores and motion picture theatre, *on condition* that the building shall be made to comply with all laws applicable thereto and shall not be extended in height nor in area, except for the extension indicated for platform on property line to east; that any marquee erected over the theatre entrance shall be elliptical in shape, projecting not over 10 ft. from the face of the building at any point; that there shall be no openings from this building facing toward the south and that there shall be no openings in the roof, other than as may be necessary for legal required ventilation, exhaust from which shall be toward Lincoln place, and the required exit from the operator's booth to the roof; that there shall be no business exit or entrance on Lincoln place other than the required theatre emergency exits and entrances; that any windows that may be installed along Lincoln place shall be not over 4 ft. in width and with sills not less than 5 ft. above the sidewalk; that the exterior of the building shall remain substantially as at present, except for necessary repairs; that there shall be no advertising signs or display on either street front of the structure, other than on the glass of the street show windows and not over one vertical illuminated sign over the theatre marquee, which shall not extend above the cornice of the building; that the southerly and easterly gable walls shall be maintained unperforated throughout their entire length and height; that an approval of site shall be obtained from the Commissioner of Licenses before any alteration work shall be commenced; that the restrictions as to use and occupancy of the stores as provided for under article 2, section 4, subdivision 11 of the building zone resolution shall at all times be maintained and at no time shall the stores be occupied for sale of delicatessen, or for a fish market or bakery in which bake ovens are maintained; that all permits necessary for the prosecution of the work shall be obtained within six months and all work completed within one year from the date of this action.

253-34-BZ.

APPLICANT—William Shary, for S. P. R. Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—West side of Westchester avenue from Doris street to Glover street (Block No. 3965, Lot Nos. 35 to 40), The Bronx.

APPEARANCES—

For Applicant: William Shary.

For Opposition: Charles J. Bensky and Earl I. Gallant.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(253-34-BZ)

WHEREAS, William Shary, for S. P. R. Realty Corp., owner, filed, August 30, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: West side of Westchester avenue, from Doris street to Glover street (Block No. 3965, Lot Nos. 35 to 40), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting,

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January 8, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Westchester avenue is in a business district; Doris and Glover streets are both in residence and business districts; and Havemeyer avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered August 9, 1934, re App. N. B. 180-34, reads:

"1. Erection of building and maintenance of premises business district to be used or occupied as a gasoline service station is contrary to provisions of building zone resolution."

and
WHEREAS, the premises consist of a plot of ground having a frontage of 190 feet on Westchester avenue; 67.1 feet on Glover street and 66.2 feet on Doris street, upon which it is proposed to erect a one-story office and grease pit structure 40 ft. by 24 ft. in area, five "portable" garages and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board, report of which was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 253-34-BZ.

Premises West side Westchester avenue from Doris to Glover Streets (Block No. 3965, Lot Nos. 35 to 40) The Bronx.

"This is an application for a zoning variation under section 21, to permit in an area zoned for business use a gasoline service station. The premises are located on the westerly side of Westchester avenue, with a frontage of 190 ft. on Westchester avenue, approximately 66 ft. on Doris street and 67 ft. on Glover street. The areas on these side streets beyond the distance of approximately 95 ft. are zoned for residence use and the streets are developed with private dwellings. The subway runs through Westchester avenue on an elevated structure. Across Westchester avenue, in front of the site, the property is generally vacant and there is a gasoline service station on a triangular island plot at the intersection of Westchester avenue, Waterbury avenue and Havemeyer avenue, which apparently was constructed prior to the amendment of 1925 prohibiting gasoline service stations in business districts.

"This site and the surrounding area were inspected by a committee of the board on January 3, 1935.

"It developed at the hearing that this property was purchased by the present owners or interests related thereto in 1926 expecting to develop it; that at the time of purchase it was subject to a first and second mortgage which were later paid off; but that about two years ago the property was deeded to the present owners as security for a loan of \$16,000 used to pay accumulated carrying charges on this and other properties. The owners now wish to be permitted to erect a gasoline station on this site in order to carry the property until such time as it can be used for conforming uses. While there are several stores vacant in this section, there is also considerable land not built upon which is in the same circumstance as this property under appeal. This particular site, between Doris and Glover streets which are residential streets, should be developed with a conforming use. A gasoline service station would unquestionably depreciate the value of these residential properties and many of the objections, of the total of 25 filed, are from owners of this adjacent residential property.

"The committee cannot find that there is any basic hardship existing to preclude this site from being developed for conforming use and while, with the present unsettled condition, it is undoubtedly true that immediate development is not feasible, upon the return of better conditions, there should be no difficulty in financing and

constructing a conforming use on this desirable block front that would be profitable. In view of the overwhelming objections filed and the complete absence of consents, together with the reasons stated above, the committee recommends that this application be denied.

(Signed) HARRIS H. MURDOCK, Chairman.

BERNARD A. SAVAGE,

CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application and the board deemed that the applicant had failed to substantiate the basis of his application under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

62-34-BZ.

APPLICANT—Henry G. Harrington, for Dagmar Matsen Clements, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the alteration of a structure occupied as garage and motor vehicle repair shop so as to permit the inclusion of a gasoline service station.

PREMISES AFFECTED—6502-6504 Fort Hamilton parkway, southwest corner of 65th street (Block No. 5750, Lot Nos. 19 and 20), Brooklyn.

APPEARANCES—

For Applicant: Henry G. Harrington.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(62-34-BZ)

WHEREAS, this application affecting premises 6502-6504 Fort Hamilton parkway, southwest corner of 65th street (Block No. 5750, Lot Nos. 19 and 20), Borough of Brooklyn, was granted by the board June 26, 1934, on certain conditions, and applicant requested an extension of time and now requests an amendment of the resolution.

Resolved, that the resolution adopted by the board on June 26, 1934, be and it hereby is *amended*, so that as amended the resolution shall read:

"That the application be and it hereby is *granted on condition* that the part indicated on revised plans marked "Received December 24, 1934," of dimensions approximately 28 ft. on Ft. Hamilton Parkway and 45 ft. 9 in. on 65th street, shall be entirely cleared of all buildings and regraded to the approximate level of the street curb; that there shall be constructed along the westerly line between this building and the adjacent building an unpierced brick wall not less than 13 ft. in height; that all openings in the adjoining one-story building to the south shall be blocked up with masonry equivalent to the thickness of the wall, up to a height of at least 15 ft. above curb level, except that there may be one show window constructed as indicated not over 5 ft. square in size, provided this show window is equipped with a metal frame and fixed sash and glazed with ¼-inch wire plate glass; that the entire plot shall be cement paved; that there may be erected one greas-

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ing pit toward the westerly side; that no gasoline pump shall be nearer than 10 ft. to either street building line or any part of an adjacent building; that there shall be erected along the street building line a concrete curb not less than 12 in. in width and 6 in. in height for a distance of at least 6 ft. both westerly and southerly from the corner formed by the intersection of Fort Hamilton Parkway and 65th street; that the curb cuts on 65th street and Fort Hamilton Parkway shall not exceed 30 ft. in width; that no portable gasoline tanks shall be used on or from the premises; that all signs advertising non-conforming uses shall be confined to the illuminated globes of the gasoline pumps, excluding all other signs; that no automobile repairing shall be done on this gasoline service station area; that there shall be no excavation under this plot except the pit for the greasing rack; that there may be constructed an office indicated on revised plans marked 'Received December 24, 1934' where indicated toward the west, provided this office is not over one story in height, constructed of fireproof materials and with no openings therefrom into any portion of adjoining building, except that the roof of office may be of wood beams and roof boardings provided the weather surfacing of the roof is constructed of non-combustible material and the ceiling fire retarded in accordance with the Rules of the board of Standards and Appeals; and that other than as amended herein the resolution adopted by the board on June 26, 1934 as amended December 18, 1934, shall be complied with in all respects."

150-33-BZ.

APPLICANT—Samuel H. Livingston, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under sections 7a, 7c and 21 of the building zone resolution, permitting in a business district the extension of an existing gasoline service station and, also, the conversion of occupancy of an existing five (5) car garage to a motor vehicle repair shop.

PREMISES AFFECTED—Northeast corner of Liberty avenue and 109th street (Block No. 541, Lot No. 28), Richmond Hill, Borough of Queens.

APPEARANCES—

For Applicant: Samuel H. Livingston.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(150-33-BZ)

WHEREAS, this application affecting premises northeast corner of Liberty avenue and 109th street (Block No. 541, Lot No. 28), Richmond Hill, Borough of Queens, was granted by the board December 19, 1933, on certain conditions and applicant requested an amendment of the resolution.

Resolved, that the resolution adopted by the board on December 19, 1933, be and it hereby is *amended* only so far as it has reference to obtaining permits and the completion of work, so that as amended this portion of the resolution shall read:

"...that all permits shall be obtained within six months and all work completed within one year from the date of this amendment *on condition* that the resolution adopted on December 19, 1933, other than as amended herein, shall be complied with in all respects."

524-31-BZ.

APPLICANT—J. Nelson Cooper, for President and Fellows of Harvard College, owner.

SUBJECT—Applicant for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a business building for retail store purposes.

PREMISES AFFECTED—2332-2340 Grand Concourse and boulevard, 2331-2345 Ryer avenue and 244 Field place (Block No. 3159, Lot Nos. 13, 14, 15, 19 and 23), The Bronx.

APPEARANCES—

For Applicant: J. Nelson Cooper.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(524-31-BZ)

WHEREAS, this application affecting premises 2332-2340 Grand Concourse and boulevard, 2331-2345 Ryer avenue and 244 Field place (Block No. 3159, Lot Nos. 13, 14, 15, 19 and 23), The Bronx, was granted by the board January 26, 1932, on certain conditions amended to extend time July 5, 1933, December 27, 1933, and July 17, 1934, and applicant requests a further extension of time.

Resolved, that the resolution adopted by the board on January 26, 1932, be *further amended* only so far as to time in which to obtain permits and complete work, so that as amended this portion of the resolution shall read:

"...that all permits shall be obtained within six months and all work shall be completed within one year from the date of this amended resolution *on condition* that other than as amended herein the resolution adopted by the board on January 26, 1932, shall be complied with in all respects."

55-32-BZ.

APPLICANT—Benjamin Driesler, Jr., for Realty Associates, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under sections 7g and 21 of the building zone resolution, permitting in a business district the alteration and conversion of an existing building to a garage for more than five (5) motor vehicles and also the installation of a gasoline service station.

PREMISES AFFECTED—128-138 Brighton Beach avenue, south side, 110.8 ft. west of Calm street (Block No. 7284, Lot No. 1726-B and part of Lot No. 1726), Brooklyn.

APPEARANCES—

For Applicant: Benjamin Driesler, Jr.

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ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(55-32-BZ)

WHEREAS, this application affecting premises 128-138 Brighton Beach avenue south side 110.8 ft. west of Calm street (Block No. 7284, Lot No. 1726-B and part of Lot No. 1726), Borough of Brooklyn, was granted by the board April 1, 1932, on certain conditions and amended September 20, 1932, December 6, 1932, May 31, 1933 and May 8, 1934, and applicant requests a further amendment of the resolution as to standpipe requirements; and

WHEREAS, the report of the committee of inspection, dated March 30, 1932, recommended the granting of this application under section 21, under certain conditions; and

WHEREAS, this application was granted by the board at its meeting of April 1, 1932, on certain conditions; and

WHEREAS, under date of September 20, 1932, the board approved plans submitted as complying with the resolution adopted April 1, 1932; and

WHEREAS, under date of December 6, 1932, at applicant's request, the resolution adopted April 1, 1932, was amended to permit the two upper stories to be continued as a public bath house, limiting the garage use to the ground floor only, under certain conditions, upon applicant's statement that it was impossible to finance the alterations required to convert the entire building to the garage use under the conditions imposed at that time; and

WHEREAS, the applicant requested an amendment of the conditions in regard to the gasoline service station and the fences and walls required to be constructed in connection therewith; and

WHEREAS, the time within which permits were to be obtained and the work completed have been extended under resolutions adopted from time to time; and

WHEREAS, the applicant now requests an amendment of the resolution as to the building code requirements as to standpipes and the acceptance of the existing installations.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution under section 21 and that the application be and it hereby is *granted on condition* that the use of the three story fireproof building now located on the southerly portion of the plot as a public garage be restricted to the ground floor, permitting the upper two stories to be continued as a public bath house; that the building shall not be increased in area beyond the existing dimensions, namely, approximately 185 ft. by 197 ft., nor in height beyond the present three stories; that the building shall be separated from any other structure by unpierced walls of approved masonry; that any openings in the garage portion to other structures in existing wall shall be closed up with approved masonry of the same thickness as the wall adjacent thereto, and any other openings to bath house portion shall be protected by approved fire doors; that there shall be no vehicular openings from the garage portion either to Calm street or to the sidewalk running parallel to the railroad right-of-way; that any openings from the garage portion to Calm street, other than windows which shall be of fireproof construction, glazed with wired glass, shall be confined to one emergency exit door not more

than 3 ft. 8 in. wide; that the boiler room shall be separated from the balance of the building by unpierced fireproof walls and ceiling, with no opening to boiler room except from the exterior of the building; that all exit stairways now existing, except the one which is located approximately in the center and which is to be removed between the first or ground floor and the second floor, shall lead through approved enclosures directly from the upper stories to the street or sidewalk along the railroad right-of-way, without openings in said enclosures into the ground or first story, to be used as a garage; that there shall be no openings of any nature between the ground or first story garage and the upper stories and any openings existing shall be blocked up with approved masonry to provide effective fire-stops; that the use of the ground floor as a garage shall be restricted to the public storage of automobiles of the pleasure car type, prohibiting the storage of taxi-cabs, trucks or busses; that no gasoline or other volatile or inflammable oil shall be stored or maintained in any part of the building, except in the tanks of the automobiles parked within the building; that all vehicular openings to the garage portion shall be limited to two openings not over 12 ft. in width each in the northerly wall of the building; that other than as modified herein, the building shall be of fireproof construction throughout and in compliance with all laws, ordinances and regulations applicable thereto and to the uses herein permitted as a public garage on the ground floor and a public bath house on the second and third floors . . . except that the existing standpipe system fed from street pressure shall be accepted as compliance with the requirements of the Fire Line-Standpipe Rules of the Board of Standards and Appeals, provided the water line from the street shall be not less than 4 in. in diameter with a pressure of not less than 45 lbs. and that there shall be two (2) standpipe risers not less than 2 in. in diameter each, running through the building and separated at least 75 ft. apart and with an outlet on each riser on each floor equipped with a 2½-in. valve and not less than 125 ft. of 2½-in. hose; that the standpipe lines through the 2nd and 3rd floors shall be frost-proof against freezing and that other than as modified herein the standpipe system shall comply with the requirements of Rule 91 of the Standpipe-Fire Line Rules of the Board of Standards and Appeals . . . that on the northerly portion of the plot under appeal, now vacant, there may be constructed and maintained a gasoline service station *on condition* that an open area at least 30 ft. in width shall be maintained at all times parallel to the northerly wall of the garage portion and for the full length of same; that the accessory building shall be constructed along the easterly lot line in width approximately 28 ft. and in length along the lot line approximately 61 ft.; that this accessory building shall be constructed of face brick and enameled brick with glazed terra cotta and non-corrosive metal trim; that this accessory building shall be used solely for office, accessories store, car greasing and washing; that there shall be no open excavation under this accessory building, except necessary pits for greasing lifts or racks; that there shall be no openings of any kind in the lot line wall of this accessory building to the premises adjoining to the east, except stationary fireproof windows glazed with wired glass; that the floor and roof construction and roof surfacing shall be of incombustible materials; that all windows shall be of metal frame and sash; that doors may be of wood; that the fronts of the greasing section shall remain open without enclosing doors; that no open flame shall be permitted on any part of the premises; that there shall be constructed from the northerly corner of the accessory building along the easterly lot line a continuous wall of face brick not less than 8 ft. in height to the street line of Brighton Beach avenue, except that this wall may start with a wall 4 ft. in height at the street line of Brighton Beach avenue and be graduated to the 8 ft. height at the rate of one foot in four; that a similar wall not less than 8 ft. in height shall be constructed from the southerly corner of the accessory

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building along the easterly lot line southerly to a point within 30 ft. from the garage; that thence easterly parallel to the garage building and 30 ft. therefrom to the street line of Calm street and thence along the street line of Calm street to the corner of the garage building, there shall be constructed a substantial iron fence with no openings therein except a gate not over 12 ft. in width; that this gate shall be kept locked and used for emergency purposes only as an exit direct to Calm street; the key to this gate to be kept in a glass faced metal box adjacent thereto; that along the westerly line between the gasoline service station area and the sidewalk, running parallel to the railroad right-of-way and from the corner of the garage building to Brighton Beach avenue, there shall be constructed a fence consisting of piers constructed of face brick and fence sections of heavy iron pickets, this fence to be not less than 7 ft. in height; that all walls and piers shall be constructed of face brick, both sides, and properly coped with non-corrosive metal, stone or architectural terra cotta; that there shall be erected along the street line of Brighton Beach avenue a reinforced concrete curbing not less than 12 in. wide and 12 in. high, with not over two openings therein, each opening not to exceed 25 ft. in width, with curb cuts opposite, not over 30 ft. in width; that where not occupied by the accessory building, the entire gasoline service station area shall be cement paved including the 30 ft. passageway parallel to garage; that gasoline pumps erected shall not be nearer than 15 ft. to the street line of Brighton Beach avenue nor 25 ft. to the fence along the railroad right-of-way, nor within 10 ft. of any part of the accessory building; that no automobile repairing or brake testing shall be permitted on any part of the premises; that no parking of cars shall be permitted within the gasoline service station area or the passage parallel to the garage, except cars being serviced; that no portable gasoline pumps shall be maintained on or from the premises; that signs advertising non-conforming uses shall be restricted to the illuminated globes of the gasoline pumps and to permanent flat signs attached to the easterly and northerly facades of the accessory building; that any sign advertising the garage use shall be restricted to one electric projecting sign on the northerly facade of the garage building; that, other than as herein permitted, no signs permanent or temporary shall be displayed to advertise the non-conforming uses of the garage or gasoline service station and no roof signs shall be installed on the accessory building; that the adjacent premises to the east, under the same ownership, at the corner of Calm street and Brighton Beach avenue, shall be developed with conforming uses; that the sidewalk between these premises and the railroad right-of-way shall be maintained free of obstructions at all times for the use of the public; that this resolution supersedes and is in complete substitution for all resolutions previously adopted in connection with these premises; that, in view of all permits having been obtained, approval of amended plans shall be obtained within six months and all work completed within one year from the date of this amended resolution.

APPEALS FROM ADMINISTRATIVE ORDERS

232-34-A.

APPELLANT—Lease Bros. Coachcraft, Inc., for William Buchanan, owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—1589 Atlantic avenue, northeast corner of Troy avenue (Block No. 1706, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant. Charles Bernstein and William Buchanan.

For Administration: None.

ACTION OF BOARD—Laid over to January 22, 1935, at 2 p. m. for further consideration by the Building Department.

216-34-A.

APPELLANT—George E. Strehan, for A. R. Haeuser Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Laid over to January 22, 1935, at 2 p. m. upon written request of appellant.

257-34-A.

APPELLANT—Kohler Co., for Howe and Lescage, owners.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—211 E. 48th street (Block No. 1322, Lot No. 7½), Manhattan.

APPEARANCES—

For Appellant: Albert French.

For Administration: Chief Inspector Joseph F. McGill of Department of Buildings, Manhattan.

ACTION OF BOARD—Laid over to January 22, 1935, at 2 p. m. to file additional information.

144-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 40, foot of Van Dyke street (Block No. 595, Lot No. 52), Brooklyn.

APPEARANCES—

FOR Appellant: Alexander I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative. Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(144-32-A)

WHEREAS, this appeal, affecting premises Pier No. 40 foot of Van Dyke street (Block No. 595, Lot No. 52), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection," all other conditions having been complied with; and

WHEREAS, the resolution was reaffirmed and interpreted by the board October 24, 1933, and owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be reaffirmed and that the clause in that resolution reading "that a supervisory twenty-four-hour a day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

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"Two (2) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters; one at each end of pier, these alarm boxes to be painted a fire department red and the support to which the box is attached to be also painted a fire department red from the floor line of pier to the chord of the roof supports. A 3-ft. wide unobstructed passage shall be maintained from the center passageway of pier to all alarm boxes and that break-glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

145-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 5, East River, between Fulton & Montague streets (3rd street); (Block No. 199, part of Lot No. 3), Brooklyn.

APPEARANCES—

For Appellant: Alex I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(145-32-A)

WHEREAS, this appeal affecting premises Pier No. 5, East River, between Fulton and Montague streets (3rd street), (Block No. 199, part of Lot No. 3), Borough of Brooklyn, was granted by the board at its meeting on April 22, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the Board October 24, 1933 and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Four (4) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to the city fire headquarters to be maintained as now located on the pier, these alarm

boxes and the supports to which these boxes are attached from the floor line of pier to the bottom chord of the roof supports to be painted a fire dept. red; that a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

153-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 8, East River, between Fulton and Montague streets (Block No. 199, part of Lot No. 3), Brooklyn.

APPEARANCES—

For Appellant: Alex I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(153-32-A)

WHEREAS, this appeal, affecting premises Pier No. 8, East River, between Fulton and Montague streets (Block No. 199, part of Lot No. 3), Borough of Brooklyn, was granted by the board at its meeting on April 22, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS the resolution was reaffirmed and interpreted by the Board October 24, 1933, and owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes, one at each end of the pier and one at centre north side, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3 ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes. And that Break Glass Hammers shall be provided for each alarm box, with direct communication to city fire headquarters;

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"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

154-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 9, East River, foot of Clark street (Block No. 199, part of Lot No. 3), Brooklyn.

APPEARANCES—

For Appellant: Alex. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(154-32-A)

WHEREAS, this appeal, affecting premises Pier No. 9, East River, foot of Clark street (Block No. 199, part of Lot No. 3), Borough of Brooklyn, was granted by the board at its meeting on April 22, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, the resolution was reaffirmed and interpreted by the Board October 24, 1933, and owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters; one at each end of the pier and one at centre, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3 ft. wide unobstructed passage shall be maintained along the centre passageway of pier to all alarm boxes. And that Break Glass Hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

tion by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

155-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening amendment re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 15, East River, foot of Montague street (Block No. 199, Lot No. 126-P), Brooklyn.

APPEARANCES—

For Appellant: Alex. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(155-32-A)

WHEREAS, this appeal, affecting premises Pier No. 15, East River, foot of Montague street (Block No. 199, Lot No. 126-P), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters to be maintained one at each end of the pier, and one at centre, these alarm boxes and the supports to which these boxes are attached from the floor line of the pier to the bottom chord of the roof supports to be painted a fire dept. red; that a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

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156-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 16, East River, foot of Montague street (Block No. 245, part of Lot No. 15), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(156-32-A)

WHEREAS, this appeal, affecting premises Pier No. 16, East River, foot of Montague street (Block No. 245, part of Lot No. 15), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the Board October 24, 1933 and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters to be maintained one at each end of the pier and one at centre, these alarm boxes and the supports to which these boxes are attached from the floor line of the pier to the bottom chord of the roof supports to be painted a fire dept. red; that a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

157-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 22, Foot of Pacific street (Block No. 281 part of Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(157-32-A)

WHEREAS, this appeal, affecting premises Pier No. 22, foot of Pacific street (Block No. 281, part of Lot No. 1), Borough of Brooklyn, was granted by the board at its meeting on May 13, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the Board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Four (4) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters to be maintained as now located on the pier, these alarm boxes and the supports to which these boxes are attached from the floor line of the pier to the bottom chord of the roof supports to be painted a fire dept. red. That a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

158-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 33, Atlantic Basin (Block No. 515, part of Lot No. 61), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

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THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE RESOLUTION—

(158-32-A)

WHEREAS, this appeal, affecting premises Pier No. 33, Atlantic Basin (Block No. 515, part of Lot No. 61), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the Board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Four (4) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters to be maintained as now located on the pier, these alarm boxes and the supports to which these boxes are attached from the floor line of the pier to the bottom chord of the roof supports to be painted a fire dept. red. That a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls for company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

159-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 34, foot of Hamilton avenue (Block No. 515, part of Lot No. 61), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE RESOLUTION—

(159-32-A)

WHEREAS, this appeal, affecting premises Pier No. 34, foot of Hamilton avenue (Block No. 515, part of Lot No.

61), Borough of Brooklyn, was granted by the board at its meeting on May 13, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the Board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters to be maintained one at each end of the pier and one at centre, these alarm boxes and the supports to which these boxes are attached from the floor line of pier to the bottom chord of the roof supports to be painted a fire dept. red. That a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

163-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 4, East River, between Fulton and Montague streets (Block No. 199, part of Lot No. 3), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(163-32-A)

WHEREAS, this appeal, affecting premises Pier No. 4, East River, between Fulton and Montague streets (Block No. 199, part of Lot No. 3), Borough of Brooklyn, was granted by the board at its meeting on April 22, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

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WHEREAS, the resolution was reaffirmed and interpreted by the Board October 24, 1933 and owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters one at each end of pier and one in the balcony, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3 ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes, and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day night and twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

164-32-A.
APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 10, East River, foot of Clark street (Block No. 199, part of Lot No. 3), Brooklyn.

APPEARANCES—
For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—
Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—
Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—
(164-32-A)

WHEREAS, this appeal, affecting premises Pier No. 10, East River, foot of Clark street (Block No. 199, part of Lot No. 3), Borough of Brooklyn, was granted by the board at its meeting on April 22, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, the resolution was reaffirmed and interpreted by the Board October 24, 1933, and owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be

interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters one at each end of pier and one at centre, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3 ft. wide unobstructed passage shall be maintained along the centre passageway of pier to all alarm boxes, and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

165-32-A.
APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 29, foot of Irving street (Block No. 313 part of Lot No. 1), Brooklyn.

APPEARANCES—
For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—
Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—
Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—
(165-32-A)

WHEREAS, this appeal, affecting premises Pier No. 29, foot of Irving street (Block No. 313, part of Lot No. 1), Borough of Brooklyn, was granted by the board at its meeting on May 13, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the Board October 24, 1933, and owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters one at each end of pier and one at centre, these alarm boxes to be painted a fire dept. red and the sup-

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port to which the box is attached to be also painted a fire department red from the floor line of pier to the chord of the roof supports. A 3 ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, on constant touch by telephone with company's central station."

166-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 37, foot of Ferris street (Block No. 515, Lot No. 60), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4

Negative 0

Absent 0

THE RESOLUTION—

(166-32-A)

WHEREAS, this appeal, affecting premises Pier No. 37, foot of Ferris street (Block No. 515, Lot No. 60), Borough of Brooklyn, was granted by the board at its meeting on May 13, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the Board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters to be maintained one at each end of the pier and one at the centre, these alarm boxes and the supports to which these boxes are attached from the floor line of the pier to the bottom chord of the roof supports to be painted a fire dept. red. That a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

167-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 39, foot of Van Dyke street (Block No. 595, part of Lot No. 52), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4

Negative 0

Absent 0

THE RESOLUTION—

(167-32-A)

WHEREAS, this appeal, affecting premises Pier No. 39, foot of Van Dyke street (Block No. 595, part of Lot No. 52), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the Board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Two (2) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters to be maintained one at each end of pier, these alarm boxes and the supports to which these boxes are attached from the floor line of pier to the bottom chord of the roof supports to be painted a fire dept. red. That a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

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168-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 12, East River, between Clark and Joralemon streets (Block No. 199, part of Lot No. 3), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief. Kidney.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief. Kidney.. 4
Negative 0
Absent 0

THE RESOLUTION—

(168-32-A)

WHEREAS, this appeal, affecting premises Pier No. 12, East River, between Clark and Joralemon streets (Block No. 199, part of Lot No. 3), Borough of Brooklyn was granted by the board at its meeting on April 22, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, the resolution was reaffirmed and interpreted by the Board October 24, 1933, and owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, one at each end of pier and one at centre, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3 ft. wide unobstructed passage shall be maintained along the centre passageway to pier to all alarm boxes, and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

169-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 17, foot of Joralemon street (Block No. 245, Lot No. 56-P), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE RESOLUTION—

(169-32-A)

WHEREAS, this appeal, affecting premises Pier No. 17, foot of Joralemon street (Block No. 245, Lot No. 56-P), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the Board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters to be maintained one at each end of the pier and one at centre, these alarm boxes and the supports to which these boxes are attached from the floor line of pier to the bottom chord of the roof supports to be painted a fire dept. red; that a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

170-32A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 27, foot of Baltic street (Block No. 303, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

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THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(170-32-A)

WHEREAS, this appeal, affecting premises Pier No. 27, foot of Baltic street (Block No. 303, part of Lot No. 1), Borough of Brooklyn, was granted by the board at its meeting on May 13, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, to be maintained one at each end of the pier, and one at centre, these alarm boxes and the supports to which these boxes are attached from the floor line of pier to the bottom chord of the roof supports to be painted a fire department red. That a 3-ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property watchmen on duty at all times during day and night, twenty-four hours;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

172-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 18, foot of Joralemon street (Block No. 257, part of Lot No. 12), Brooklyn.

APPEARANCES—

For Appellant—A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(172-32-A)

WHEREAS, this appeal, affecting premises Pier No. 18, foot of Joralemon street (Block No. 257, part of Lot No. 12), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"(Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters; to be maintained one at each end of the pier, and one at centre, these alarm boxes and the supports to which these boxes are attached from the floor line of pier to the bottom chord of the roof supports to be painted a fire department red. That a 3-ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box;

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

173-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 24, foot of Amity street (Block No. 293, part of Lot No. 4), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(173-32-A)

WHEREAS, this appeal, affecting premises Pier No. 24, foot of Amity street (Block No. 293, part of Lot No. 4), Borough of Brooklyn, was granted by the board at its meeting on May 13, 1932, on certain conditions; and

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WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, the resolution was reaffirmed and interpreted by the board October 24, 1933, and owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, one at each end of pier and one at centre, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3-ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes. And that Break Glass Hammers shall be provided for each alarm box;

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

174-32-A

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 35, Atlantic Basin (Block No. 515, part of Lot No. 61), Brooklyn.

APPEARANCES—

For Appellant. A. I. Rorke and A. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney.	4
Negative:	0
Absent:	0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney.	4
Negative:	0
Absent:	0

THE RESOLUTION—

(174-32-A)

WHEREAS, this appeal, affecting premises Pier No. 35, Atlantic Basin (Block No. 515, part of Lot No. 61), Borough of Brooklyn, was granted by the board at its meeting on May 13, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a super-

visory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, one at each end of pier and one at centre, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3-ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes. And that Break Glass Hammers shall be provided for each alarm box;

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

175-32-A

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 46, foot of Van Brunt street (Block No. 611, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney.	4
Negative:	0
Absent:	0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney.	4
Negative:	0
Absent:	0

THE RESOLUTION—

(175-32-A)

WHEREAS, this appeal, affecting premises Pier No. 46, foot of Van Brunt street (Block No. 611, part of Lot No. 1), Borough of Brooklyn, was granted by the board at its meeting on May 13, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, one at each end of pier and one at centre north side, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also

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painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3-ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes and that break glass hammers shall be provided for each alarm box;

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

184-32-A

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 11, East River, between Clark and Joralemon streets (Blocks No. 199, part of Lot No. 3), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Asst. Chief Kidney..	4
Negative:	0
Absent:	0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Asst. Chief Kidney..	4
Negative:	0
Absent:	0

THE RESOLUTION—

(184-32-A)

WHEREAS, this appeal, affecting premises Pier No. 11, East River, between Clark and Joralemon streets (Block No. 199, part of Lot No. 3), Borough of Brooklyn, was granted by the board at its meeting on April 22, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, the resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, one at each end of pier and one at centre north side, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3-ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes and that break glass hammers shall be provided for each alarm box;

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

185-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 26, foot of Warren street (Block No. 298, part of Lot No. 5), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Asst. Chief Kidney..	4
Negative:	0
Absent:	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Asst. Chief Kidney..	4
Negative:	0
Absent:	0

THE RESOLUTION—

(185-32-A)

WHEREAS, this appeal, affecting premises Pier No. 26, foot of Warren street (Block No. 298, part of Lot No. 5), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, the resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, one at each end of pier and one at centre south side, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3-ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes, and that break glass hammers shall be provided for each alarm box;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

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186-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 30, foot of Irving street (Block No. 315, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4

Negative: 0

Absent: 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Asst. Chief Kidney.. 4

Negative: 0

Absent: 0

THE RESOLUTION—

(186-32-A)

WHEREAS, this appeal, affecting premises Pier No. 30, foot of Irving street (Block No. 315, part of Lot No. 1), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, the resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, one at each end of pier and one at centre north side, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire dept. red from the floor line of pier to the chord of the roof supports. A 3-ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes, and that break glass hammers shall be provided for each alarm box;

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

187-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 32, foot of Degraw street (Block No. 317, part of Lot No. 14), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Asst. Chief Kidney.. 4

Negative: 0

Absent: 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Asst. Chief Kidney.. 4

Negative: 0

Absent: 0

THE RESOLUTION—

(187-32-A)

WHEREAS, this appeal, affecting premises Pier No. 32, foot of Degraw street (Block No. 317, part of Lot No. 14), Borough of Brooklyn, was granted by the board at its meeting on May 13, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, the resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorney requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Three (3) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, one at each end of pier and one at centre, these alarm boxes to be painted a fire dept. red and the support to which the box is attached to be also painted a fire department red from the floor line of pier to the chord of the roof supports. A 3-ft. wide unobstructed passage shall be maintained from the centre passageway of pier to all alarm boxes and that break-glass hammers shall be provided for each alarm box;

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

188-32-A.

APPELLANT—Alexander I. Rorke, for New York Dock Company, owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner.

PREMISES AFFECTED—Pier No. 36, foot of Pioneer street (Block No. 515, part of Lot No. 61), Brooklyn.

APPEARANCES—

For Appellant: A. I. Rorke and L. E. Driver.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Asst. Chief Kidney.. 4

Negative: 0

Absent: 0

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THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative: 0
Absent: 0

THE RESOLUTION—

(188-32-A)

WHEREAS, this appeal, affecting premises Pier No. 36, foot of Pioneer street (Block No. 515, part of Lot No. 61), Borough of Brooklyn, was granted by the board at its meeting on June 17, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the board October 24, 1933, and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be interpreted as being complied with if the following service is maintained:

"Four (4) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to city fire headquarters, to be maintained as now located on the pier, these alarm boxes and the supports to which these boxes are attached from the floor line of pier to the bottom chord of the roof supports to be painted a fire department red. That a 3-ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box;

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

APPLIANCES SUBMITTED FOR APPROVAL.

183-34-SA.

PETITIONER—A. G. Zibell, for Kohler Co., owner.

SUBJECT—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet, approval of.

APPEARANCES—

For Petitioner: Albert French.

For Administration: Chief Inspector Joseph F. McGill, Department of Buildings, Manhattan.

ACTION OF BOARD—Laid over to January 22, 1935, at 2 p. m., petitioner to file additional information.

354-34-SA.

PETITIONER—B. I. Stamm, for J. E. Kresky, owner.

SUBJECT—Kres-Kno Pressing Machine Burner, Model MD, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to Engineer of the Board and Bureau of Combustibles, Fire Department, for test and report.

355-34-SA.

PETITIONER—B. I. Stamm, for J. E. Kresky, owner.

SUBJECT—Kres-Kno Range Oil Burner, Model MD, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to Engineer of the Board and Bureau of Combustibles, Fire Department, for test and report.

294-34-SA.

PETITIONER—Ansonia Fire Prevention Eng. Co., Ind., for N. Dickstein Co., Inc., owner.

SUBJECT—Prestomatic Oil Burner—amendment and change of name.

APPEARANCES—

For Petitioner: Herman E. Horwood—A Kopelman.

ACTION OF BOARD—Petition reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative: 0
Absent: 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative: 0
Absent: 0

THE RESOLUTION—

(294-34-SA)

WHEREAS, Ansonia Fire Prevention Engineering Co., Inc., for N. Dickstein Co., Inc., owner, filed October 18, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Prestomatic Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is designed for use in tailor shop pressing boiler machines and the assembly consists of the following:

A burner unit; stainless steel generator tube; Holtzer Cabot 1/20 H.P. motor; Hanson gear pump; Hanson pressure regulator and steam control valve and a 6-gal. steel tank, which has been approved by the National Board of Fire Underwriters. The piping used to connect the various parts is extra heavy copper tubing protected by BX cable and iron conduit piping.

Control—The Stack control manufactured especially for this type of burner by the Penn Electric Company. The burner unit consists of a circular iron casting, perforated with holes on the top which holes are fitted with lava burner tips. Suspended above the burner casting is a long "U" shaped generator tube which is connected directly to the oil supply line and is used for vaporizing the oil. Connected to the burner by rigid iron piping is a gas connection and cock.

When the burner is started the gas flame is ignited and when the heat in the stack is raised sufficiently high, the circuit is closed and the motor and pump begin to operate, supplying the oil to the burner. The gas is then shut off and the burner works automatically. When the steam pressure reaches a certain prescribed limit, namely 60 pounds, the Hanson regulating valve decreases the supply of oil and the burner operates on a low flame until the pressure has fallen to 45 pounds, when the Hanson valve again permits a full flow of oil to the burner.

The stack control is so timed that if a break in the line occurs, it will shut down the operation of the

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motor and pump within 30 to 70 seconds. The operation of this stack control was tested twice by disconnecting the oil supply line at the shut off valve between the discharge side of the pump and the burner. On both occasions, the burner was shut down in 30 and 65 seconds respectively.

The quantity of oil delivered through the break in the line was reassured and was found on no occasion to exceed approximately one-half pine. The floor underneath the boiler and burner was protected by two iron plates having a layer of $\frac{1}{4}$ in. asbestos between them and extending beyond the horizontal outline of the boiler. As a further protection, a fine mesh galvanized iron wire screen completely encloses the open spaces about the bottom of the boiler.

As a result of our inspection and test of this burner, it is recommended that this burner be approved for industrial and commercial use for oil not heavier than No. 3, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals, and in accordance with the recommendations suggested which shall be incorporated in the instruction card which must be placed near the burner in each installation; and

WHEREAS, this device was approved by the board November 27, 1934, on certain condition and applicant requested an amendment of these conditions.

Resolved, that the Board of Standards and Appeals does hereby *approve* the Prestomatic Oil Burner, for commercial and industrial installations for use with range oil or fuel oil not heavier than No. 3, *on condition* that this device shall be installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals, as modified and supplemented by the following conditions:

1. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floor or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
2. That the stand supporting the burner in the fire box of the boiler shall be securely bolted to the bottom thereof.
3. The oil supply container and pump to be mounted on a common base shall be firmly anchored to the floor and at a distance of at least 60 in. from the boiler in which the device is installed.

4. Only approved safety cans shall be used for the storage and filling of oil containers.
5. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the boiler in which the device is installed.
6. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
UNDER CAL. NO. 294-34-SA.

For Use in New York City.

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

7. That the tank shall be set rigidly in a cup shaped base receptacle of sufficient capacity to contain $\frac{1}{3}$ the contents of the tank in case of leakage.
8. That the device shall be connected by a suitable flue pipe to a legal chimney or to the outer air, this flue to be provided with a suitable stack check to nullify down draft.
9. That the boiler from the top thereof to the floor line shall be protected with a jacket 1 in. in thickness of either air-cell asbestos or 85 per cent. magnesia, except than an operating opening may be left open at the base not exceeding 50 sq. in area, said jacket to be secured by wire to the boiler and completely covered with sheet metal or with hard cement surface; and that other than as herein amended the resolution adopted by the board on November 7, 1934, shall be complied with in all respects.
10. The storage of oil shall be limited to not more than 2 five gallon safety cans in reserve unless the installation is made in complete conformity with the oil burner rules.
11. The board reserves the right to add additional requirements if and when such additional requirements are deemed necessary.

Resolved, further, that on and after the date of this amended resolution the device may be known as THE PRESTO AUTOMATIC OIL BURNER instead of the Prestomatic Oil Burner.

Adjourned 4.45 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS

Name of Burner	Calendar No.	Name of Burner	Calendar No.
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		Hupp Range Oil Burner, Models S. D. and C.D.	309-34-SA
Water Heater Assembly.....	250-34-SA	Kolrid Range Burner.....	48-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	Quick Meal Range Burner.....	304-34-SA
Florence Oil Heater, Models GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Florence Range Burners.....	219-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Fox Range Oil Burner.....	200-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

APPROVED APPLIANCES

Burners for Industrial Use			
Name of Burner	Calendar No.	Name of Burner	Calendar No.
Air-Blast Oil Burner	579-32-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3, and MP-1....	359-33-SA
Anthony Nebulyte Oil Burner	1026-22-SA	Morse Conical Type Steam Atomizing Burner	938-25-SA
Auto-Heat Oil Burner	284-33-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Morse Fuel Oil Burner.....	820-23-SA
Babcock & Wilcox Mechanical Oil Burner..	45-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Automatic Oil Burner	1363-23-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Low Pressure Mechanical Oil Burner	1493-22-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Jr. Oil Burner	1176-27-SA	Nichols-McCann-Harrison Burners.....	255-31-SA
Ballard Staples & Pfeiffer Steam Atomizing High Pressure Burner	1414-22-SA	North American Low Pressure Oil Burner	792-26-SA
Berggren Oil Burner	764-26-SA	Oilbilt Burner.....	85-33-SA
Best Calorex Burner	1464-21-SA	Oronoke Oil Burner.....	394-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	Packard Fuel Oil Burner.....	77-34-SA
Bock Oil Burning Water Heater	102-34-SA	Paramount Oil Burner, Model A.....	617-30-SA
Brighton Oil Burner	372-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Burnwell Mechanical Burner	957-22-SA	Petro Model W Oil Burner.....	452-31-SA
Caloroil Burner, Type AA	1361-24-SA	Petro Mechanical Burner and Air Register	735-24-SA
Carter Oil Burner, Models 4X and 5X	117-34-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Coen Mechanical Oil Burner	942-21-SA	Presto Automatic Oil Burner.....	294-34-SA
Cornell No. 1 Type A Oil Burner	397-23-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Dahl Mechanical Fuel Oil Burner	13-21-SA	Quigley No. 10 Low Pressure Oil Burner..	436-31-SA
D'Elia Oil Burner	155-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
DeWalt Oil Burner	541-31-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
Doe Oil Burner	317-31-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Type 400 Steam Atomizing Oil Burner	1414-23-SA	Rockwell Fuel Oil Burner.....	341-21-SA
Enco Mechanical Oil Burner	509-30-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Rotary Fuel Oil Burner	1149-27-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Enterprise Steam Atomizing Burner	15-33-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Fess Turbine Burner and Airoil Fan and Pump Set	26-22-SA	S. K. Oil Burner, Model F.....	369-33-SA
Forsdraft Oil Burner	41-34-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner.....	197-32-SA
Frankfort Type P Oil Burner	1046-23-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Gem Fuel Oil Burner	111-26-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Fuel Oil Burner, Model D-1	434-32-SA	Standardyne Oil Burner.....	34-34-SA
General Electric Oil Burner, Type DA-2..	228-33-SA	Steam Oil Burner.....	183-22-SA
Ghanco Steam Generator	348-21-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gilbert & Barker Fuel Oil Burner	1636-21-SA	Sun Heat Oil Burner.....	603-29-SA
Gold Star Oil Burner, Models F and S	166-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Goodspeed Oil Burner, Nozzle Type 2	346-33-SA	Sunway Oil Burner.....	624-30-SA
Grant Oil Burner, Model "C"	232-32-SA	Superfex Oil Burning Heater	491-31-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Surface Combustion Low Pressure Burner	92-23-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones Fuel Oil Burner, "L" Type....	1254-24-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Rotary Oil Burner.....	297-29-SA
Hauck Venturi Low Pressure Oil Burner..	88-27-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hayward Oil Burner	696-30-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Rotary Burner, Models A, B and C	454-25-SA
Holby Oil Burner	328-27-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Burner (pump type).....	94-32-SA
Hunn Oil Burner, Models H, U, P and PP	10-34-SA	Todd Steam Atomizing Fuel Oil Burner..	123-23-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Vapofier Oil Burner.....	184-34-SA
Kreager Oil Burner	367-30-SA	Vaporoil Burner	44-32-SA
Laco Oil Burner, Models F, JF, BF and D	226-33-SA	Warner Oil Burner, Model A.....	16-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Wheco Oil Burner.....	108-34-SA
Liberty Automatic Heater.....	129-28-SA	Winslow Kleen Heet Burner, Models 805 and 820.....	19-25-SA
Liberty Pressure Oil Burner.....	75-34-SA	Wizard Automatic Oil Burner.....	181-33-SA
Lientz Oil Burner	155-20-SA	Yorktown Oil Burner.....	166-33-SA
Loneragan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1036-22-SA		
May Oil Burner.....	68-24-SA		
Midget Oil Burner.....	155-34-SA		
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline"
Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 1249-22-SA—Coen Steam Atomizing Oil Burner.
628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
443-26-SA—American Anti-Syphon Valve.
380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
32-31-SA—Ray-Dio Sunshine Range Oil Burner.
209-32-SA—Croker 4-inch Siamese.
237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
528-32-SA—Weldon Extinguisher.
592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
23-33-SA—Sunrex Range Oil Burner.
98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
126-33-SA—Tower Range Oil Burner.
162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
164-33-SA—Firemaster Fire Extinguisher.
218-33-SA—Presto Gas Pressing Machine Burner No. 10.
349-33-SA—Herco Oil Burner.
32-34-SA—Super Oil Burner for Pressing Machine.
88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.

- 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
125-34-SA—American Oil Burner.
128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).
136-34-SA—Korth Oil Burner, Model G.
156-34-SA—Allen's Siamese Connections for Fire Department use.
165-34-SA—Rose Oil Heater.
183-34-SA—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet.
203-34-SA—King Oil Burner.
205-34-SA—Automatic Firetox Extinguisher.
208-34-SA—Globe Oil Burner Pump.
221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).
224-34-SA—Progressive Press Machine Oil Burner.
234-34-SA—Bland Range Oil Burner.
256-34-SA—"Standard" One-Piece Closet Combination.
263-34-SA—Lonergan Oil Burning Heater, Models F-2, F-3 and C-4.
270-34-SA—Zenith Oil Burner.
274-34-SA—B. & H. Radiant Stove Oil Burner.
275-34-SA—Vapomatic Oil Burner.
291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.
300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
301-34-SM—"Radbur" Flameproofing Compound.
302-34-SA—Loyalty Range Burner.
309-34-SA—Hupp Range Oil Burner, Models S.D. and C. D.
311-34-SA—Evur-Ready Range Oil Burner, Models Leader, Standard, De Luxe and W-1.
313-34-SA—General Electric Oil Screen Valve (Anti-Syphon Type), Model CR-7860-E1A.
321-34-SA—Shawmut "Junior" Range Burner.
322-34-SA—Shawmut "DeLuxe" Range Burner.
325-34-SA—Diamond Range Oil Burner.
329-34-SA—Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.
333-34-SA—Viking Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80.
339-34-SA—Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115 and Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623.
345-34-SA—Micron Oil Burner.
354-34-SA—Kres-Kno Pressing Machine Burner, Model MD.
355-34-SA—Kres-Kno Range Oil Burner, Model MD.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	1
Cases filed up to January 9, 1935	6	Dismissed	1
Restored to Calendar	1	Denied	1
		Granted	0
		Granted on condition	3
		Appliances approved	3
		Appliances dismissed, disapproved or withdrawn ...	0
		Rules approved	0
		Rules disapproved, rescinded or withdrawn	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	33	Requests to reopen granted	33
Requests to amend	29	Requests to reopen denied	0
Requests for modification	0	Requests to amend granted	29
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time	3	Requests for modification granted	0
Requests for extension permit	0	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans	0	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	3
Requests for interpretation	0	Requests for extension of time denied	0
Total	235	Requests for extension of permit granted	0
Disposed of	74	Requests for extension of permit denied	0
Cases pending January 9, 1935	161	Requests to install granted	0
		Requests to install denied	0
		Plans approved	0
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	0
		Total	74

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First. That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second. That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third. That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth. That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth. That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order. therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth. That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

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BULLETIN OF THE BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year JANUARY 22, 1935 Single Copies, 5 cents No. 4 By mail, 8 cents

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

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CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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The Trial Calendar.

Minutes of Regular Meeting, January 15, 1935, at 10 A. M.

Minutes of Regular Meeting, January 15, 1935, at 2 P. M.

Approved Fuel Oil Pumps.

Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, January 21, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, January 28, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET

New Cases Filed up to January 16, 1935.

Cal. No.	Department	Premises Affected
16-35-S.....	D.B.B.....	220-222 Vernon ave. (Block 1761, Lots 4 and 6), Brooklyn.
		Decision
15-35-BZ.....	D.B.B.....	2093-2099 Flatbush ave., and 4401-4413 Avenue "N", N.E. cor. (Block 7869, part of Lot 2), Brooklyn.
		Applic. 17247-34
14-35-A.....	F.D.....	548 Meserole st. (Block 2977, Lot 14), Brooklyn.
		Decision
13-35-SA.....	F.D.....	Nairoil Oil Burner.
		Appliance
12-35-A.....	D.B.M.....	66-72 Leonard st., and 235-245 Church st., S.E. cor. (Block 173, Lot 13), Manhattan.
		17266-F.
11-35-SA.....	F.D.....	N. Y. B. F. Standpipe and Automatic Sprinkler Siamese Connection, 4, 5 and 6 inch.
		Appliance
10-35-A.....	F.D.....	133 West 25th st. (Block 801, Lot 19), Manhattan.
		4691-L.C.
9-35-A.....	D.B.M.....	55-59 Beaver st., and 11-21 William st., N.W. cor. (Block 25, Lot 35), Manhattan.
		18330-F.
8-35-A.....	D.B.M.....	1908-1912 Park ave. (Block 1754, Lots 37, 38, 39 and part of Lots 40 and 40½), Manhattan.
		N.B. 174-34
7-35-SA.....	F.D.....	Harding Float Switch, Type CC.
		Appliance
		Restored to Calendar.
296-32-BZ.....	D.B.B.....	115-23 Kings Highway and 1626-1640 Stillwell ave., N.W. cor. (Block 6253, Lot 21), Brooklyn.
		Applic. 16706-34
229-31-BZ.....	D.B.M.....	18-20 Morton st., and 17-19 Leroy st. (Block 586, Lots 53, 54, 77 and 78), Manhattan.
		N.B. 85-31

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

	Last Publication in Bulletin
Certificate of Occupancy, approved forms	Aug. 2, 1932—Vol. 17 No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime)....	Oct. 9, 1934—Vol. 19 No. 41
Elevator Rules	July 3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors)....	Jan. 1, 1935—Vol. 20 No. 1
Factory Exit Rules	Dec. 11, 1934—Vol. 19 No. 50
Fire Alarm Rules (Interior).....	Nov. 20, 1934—Vol. 19 No. 47
Fire Drill Rules	May 30, 1933—Vol. 18 No. 22
Fire Retarding Rules for Garages, etc.	Dec. 11, 1934—Vol. 19 No. 50
Fireproof Wood, Testing of.....	Oct. 2, 1934—Vol. 19 No. 40
Frame Garages, Ruling for.....	Jan. 21, 1919—Vol. 4 No. 3
Gas Shut-Off Rules	Apr. 7, 1925—Vol. 10 No. 14
Hatchway Protection	June 5, 1928—Vol. 13 No. 23
Oil Burner Rules	Dec. 18, 1934—Vol. 19 No. 51
Paint, Varnish and Lacquer Spray- ing Rules.....	Nov. 27, 1934—Vol. 19 No. 48
Plumbing Rules.....	Dec. 25, 1934—Vol. 19 No. 52

Procedure, Rules of.....	June 20, 1933—Vol. 18 No. 25
Refrigerating Systems, Extract C.O.	Nov. 20, 1934—Vol. 19 No. 47
Smoking in Factories, Rules for....	Dec. 11, 1934—Vol. 19 No. 50
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LIST OF APPROVED APPLIANCES

Fireline Hose Valves.....	Jan. 22, 1935—Vol. 20 No. 4
Fuel Oil Burners for Domestic and Commercial Use.....	Jan. 1, 1935—Vol. 20 No. 1
Fuel Oil Burners for Industrial Use.	Jan. 22, 1935—Vol. 20 No. 4
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Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
Range Oil Burners and Space Heaters	Jan. 15, 1935—Vol. 20 No. 3

COURT DECISION

Matter of Levy res. (Board of Standards and Appeals ap.) May 31, 1933, Board granted gasoline station partly in unrestricted and partly in business district, under section 21, Cal. No. 93-33-BZ; Premises 246-50 Atlantic avenue, S.W. cor Boerum pl., Brooklyn. Mr. Justice Cuff reversed Board (N. Y. L. J. April 12, 1934). Appellate Division reversed Special Term and sustained Board and held: "There was sufficient evidence before the Board of Standards and Appeals to justify its determination. * * * The Board's action is not limited to cases where witnesses have been heard. Without any witnesses at all it may act of its own knowledge, for * * * it is made up of men with special qualifications of training and experience." * * * The Board of Standards and Appeals had a discretionary duty in the matter and nothing appears in this record from which it may be said that it reached an arbitrary determination." (N. Y. L. J., January 14, 1935.)

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 21, 1935, AT 2 P. M.

Building Zone Cases.

316-34-BZ	APPLICANT—Samuels and Samuels, for Annie Carraher, owner.
	PREMISES—977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.
	APPLICATION, under Section 21 of the building zone resolution,
	TO PERMIT in a business district the erection and maintenance of a gasoline service station.
324-34-BZ	APPLICANT—Barashay and Sugarman, for Kayson Lumber Co., Inc., owner.
	PREMISES—1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.
	APPLICATION, under section 21 of the building zone resolution,
	TO PERMIT, in a business district the inclusion of a saw or planing mill in an existing lumber yard.
343-34-BZ	APPLICANT—Michael Levine, for Neslage Realty Corp., owner.
	PREMISES—83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Brooklyn.
	APPLICATION, under section 21 of the building zone resolution,
	TO PERMIT, in a business district the erection and maintenance of a gasoline service station.
335-34-BZ	APPLICANT—Lama and Proskauer, for Calogero Pisciotta, owner.
	PREMISES—1704-12 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Brooklyn.

CALENDAR

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT, in a business district the erection and maintenance of a gasoline service station.

JANUARY 22, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 22, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 332-34-BZ—Application, November 26, 1934, under sections 7b, 7c and 21 of the building zone resolution, of Joseph V. O'Leary applicant, on behalf of Spes Realty Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan.

CAL. NO. 975-28-BZ—Application of Scacchetti & Siegel, on behalf of the Estate of H. J. Douglas, Inc., present owner, reopened October 30, 1934, under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be used as a dry cleaning establishment (previously denied for a garage); premises east side of Bullard avenue, 100.01 ft. north of East 240th street (Block No. 5077, Lot Nos. 8, 11 and 14), The Bronx.

CAL. NO. 218-34-BZ—Application, July 25, 1934, under section 21 of the building zone resolution, of Charles Schwimbersky, applicant, on behalf of Gustave Bondy, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 103-15 Astoria avenue, northwest corner of Humphreys street (Block No. 1667, Lot No. 8), East Elmhurst, Borough of Queens.

CAL. NO. 305-33-BZ—Application, September 19, 1933; withdrawn January 30, 1934; reopened September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of William Berg, owner, to permit in a business district the alteration and change of occupancy of an existing building to a gasoline service station; premises 104-106 Fourth avenue, southwest corner of Warren street (Block No. 401, Lot No. 38), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 22, 1935, 2 P. M.

Appeals from Administrative Orders.

232-34-A—1589 Atlantic avenue, northeast corner of Troy avenue (Block No. 1706, Lot No. 1), Brooklyn.

341-34-A—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.

347-34-A—Beach 149th street and Ocean Promenade (Block No. 810, Lot No. 1); (Main building, Neponsit Beach Hospital), Neponsit, Borough of Queens.

257-34-A—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

Appliances Submitted for Approval.

183-34-SA—Kohler "Integral" K-5580 One-Piece Syphon Jet Water Closet.

364-34-SA—M. W. Oil Burning Range, Commercial Models 152 and 251 Domestic Models 101G and 126B.

365-34-SA—M. W. Water Heater, Model 20-D.

366-34-SA—M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801.

367-34-SA—M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450.

368-34-SA—Ray-Dio Sunshine Oil Burner.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 22, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 297-34-BZ—Application, October 22, 1934, under section 21 of the building zone resolution, of Jack Fein, applicant, on behalf of Enmor Realty Corporation, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2705-2715 Nostrand avenue, east side, 360 ft. north of Avenue N (Block No. 7666, Lot No. 25), Borough of Brooklyn.

CAL. NO. 281-34-BZ—Application, October 4, 1934, under section 21 of the building zone resolution, of John M. Baker, applicant, on behalf of Astoria Riker Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises southeast corner of Astoria boulevard and (proposed) 77th street (Block No. 1030, part of Lot No. 40), Jackson Heights, Borough of Queens.

CAL. NO. 500-28-BZ—Application of William Shary, applicant, for Charles Zenker, present owner, reopened October 2, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 2801-2819 Bailey avenue, northwest corner of West Kingsbridge road (Block No. 3264, Lot No. 30), Borough of The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALENDAR

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 28, 1935, AT 2 P. M.

Building Zone Cases.

283-34-BZ

APPLICANT—George I. Laird, owner.

PREMISES—241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages.

3-31-BZ

APPLICANT—W. Bryce Rea, owner.

PREMISES—250-21 Northern boulevard, north side, 151 ft. east of 250th street (Block No. 3984, Lot No. 89), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened April 10, 1934),

TO PERMIT in a business district the change of occupancy of an existing building to a motor vehicles repair shop.

334-34-BZ

APPLICANT—John F. Meehan, for Fred Starke, owner.

PREMISES—Northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station.

287-34-BZ.

APPLICANT—Samuel Rosenblum, substituted for Howard Kelly, for Mutual Life Insurance Co., owner.

PREMISES—Northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

113-34-BZ.

APPLICANT—Sidney Lipston, for Morris Gorelik, owner.

PREMISES—1009 Myrtle avenue (Block No. 1749, Lot No. 48), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles.

JANUARY 29, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 29, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 326-34-BZ—Application, November 16, 1934, under section 21 of the building zone, resolution, of Lama and Proskauer, applicants, on behalf of Engelbert Bick, owner, to permit in a business district the erection

and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

CAL. NO. 231-34-BZ—Application, August 9, 1934, under section 21 of the building zone resolution, of Samuel M. Rivelson, applicant, on behalf of Constantinos Demetrookas, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 9402-9404 Church Avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Borough of Brooklyn.

CAL. NO. 271-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Henry C. Brucker, applicant, on behalf of Henry Schneider, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Cooper avenue, 130 ft. southwest of the corner of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

CAL. NO. 722-23-BZ—Application of James Kearney, on behalf of Julia Hirsch, owner, reopened October 2, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the Board) so as to include a gasoline service station; premises 2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 29, 1935, 2 P. M.

Appeals from Administrative Orders.

245-34-A—West side of Vernon boulevard, 90 ft. north of 43rd avenue (Block No. 484, Lot No. 23), Long Island City, Borough of Queens.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

260-34-A—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot No. 20), Manhattan.

8-35-A—1908-1912 Park avenue (Block No. 1754, Lot Nos. 37, 38, 39 and part of Lot Nos. 40 and 40½), Manhattan.

9-34-A—55-59 Beaver street and 11-21 William street, northwest corner (Block No. 25, Lot No. 35), Manhattan.

Appliances Submitted for Approval.

3-35-SA—Yorktown Oil Burner, Model A.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

CALENDAR

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 29, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 269-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Marcus Cohn, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens.

CAL. NO. 216-33-BZ—Application of the M.M.&L. Realty Association, owner, reopened January 8, 1935, for consideration as to an extension of time to complete work—time having elapsed—re Application, granted on certain conditions, under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 2414-2420 Flatbush avenue, southwest corner of Avenue "T" (Block No. 8542, Lot No. 41), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 4, 1935, AT 2 P. M.

Building Zone Cases.

273-34-BZ.

APPLICANT—Nathan D. Shapiro and Bros., for Mansfield Service Station, Inc., owner.

PREMISES—1314-1332 Ocean avenue, west side, 100 ft. south of Avenue "H" (Block No. 6703, Lot No. 55), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the extension of an existing gasoline service station and also the erection and maintenance of an office, auto laundry and greasing pits.

289-34-BZ.

APPLICANT—Mario J. Cafiero, for Nathaniel Potter, owner.

PREMISES—308 Monroe street, south side, 150 ft. east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a residence district the extension in area of an existing garage and automobile repair shop.

299-34-BZ.

APPLICANT—Michael Glick, for Nathan Bensky, owner.

PREMISES—East side of Sedgwick avenue, 795 ft. south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

317-34-BZ.

APPLICANT—Samuels & Samuels, for Jean Levy and Benjamin Levin, owners.

PREMISES—Southeast corner of Grand Central Parkway and Parsons boulevard (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence use and partly in a business use and also "F" area district the erection and maintenance of a gasoline service station.

FEBRUARY 5, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 5, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 264-34-BZ—Application, September 12, 1934, under section 21 of the building zone resolution, of William C. Goodson, applicant, on behalf of Bartholdi Turecamo, owner, to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line; premises 8412 Ridge Boulevard (Block No. 6023, Lot No. 39). Borough of Brooklyn.

CAL. NO. 310-34-BZ—Application, November 7, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Emma L. Verran, owner, to permit in a residence use and also "E" area district the erection and maintenance of a multiple dwelling occupying a greater percentage of the lot than permitted in an "E" area district and, also, erected nearer than ten (10) feet from the building lines, which is contrary to the requirements of the Building Zone Resolution; premises 4204-4308 Atlantic avenue, block front, south side, from Beach 42nd street to Beach 43rd street (Block No. 7041, Lot Nos. 1 and 30), Sea Gate, Brooklyn.

CAL. NO. 116-30-BZ—Application, February 14, 1930; withdrawn June 3, 1930; reopened November 7, 1934 under sections 7c and 21 of the building zone resolution, of William Shary, applicant, on behalf of Samuel Rubin & Son, Inc., owner, to

CALENDAR

permit in a residence district the alteration and conversion of occupancy of part of basement and first story of an existing apartment house from dwelling to business use (stores); premises 1401 Grand Concourse, southwest corner of East 170th street (Block No. 2842, Lot No. 59), Borough of The Bronx.

CAL. NO. 619-31-BZ—Application of James Kearney, on behalf of Estate of Israel Miller, owner, reopened May 8, 1934, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the Board for a temporary period; premises 148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

CAL. NO. 229-31-BZ—Application of Matthew W. Del Gaudio, on behalf of Enavon Realty Corp. and Navone Bros., Inc., owners, reopened January 15, 1935, under sections 7e and 21 of the building zone resolution, to permit in a garage, extending from an unrestricted into a business district (erected under a variation granted by the board October 22, 1931) the omission of stores and the extension of the garage area with no exit in the business district; premises 18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 13, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, February 13, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 346-34-BZ—Application, December 7, 1934, under sections 7a and 21 of the building zone resolution, of Samuel Falk, applicant, on behalf of Nation Wide Petrol Corp., owner, to permit in a business district the alteration, extension and maintenance of a gasoline service station; premises 6501-6505 22nd avenue (Bay parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Brooklyn.

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner

of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 290-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Levy and Berger, applicants, on behalf of 291 Greenwich Street Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1611-1619 Eastern boulevard, northwest corner of Morrison avenue (Block No. 3718, Lot No. 1), Borough of The Bronx.

CAL. NO. 460-26-BZ—Application of Thomas W. Lamb, Inc., on behalf of Brooklyn Ridgewood Corp., present owner, reopened September 11, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre (previously granted by the board, and time to complete building has expired); premises 4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 26, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 26, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 292-34-BZ—Application, October 16, 1934, under section 21 of the building zone resolution, of John Palmeri, applicant and owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY MORNING, JANUARY 15, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the Board held on Tuesday morning, January 8, 1935, and the minutes of the regular meeting of the Board held on Tuesday afternoon, January 8, 1935, were approved as printed in Bulletin No. 3, Vol. XX.

BUILDING ZONE CASES

116-30-BZ.

APPLICANT—William Shary, for Samuel Rubin & Son, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings under sections 7c and 21 of the building zone resolution, to permit in a residence district the alteration and conversion of occupancy of part of basement and first story of an existing apartment house from dwelling to business use (stores); (previously withdrawn; reopened November 7, 1934).

PREMISES AFFECTED—1401 Grand Concourse, southwest corner of East 170th street (Block No. 2842, Lot No. 59), The Bronx.

APPEARANCES—

For Applicant: Samuel Falk.

For Opposition: Maurice Cohen, G. L. Munchin.

ACTION OF BOARD—Laid over to February 5, 1935, at 10 a. m., upon request of attorney for owner.

296-34-BZ.

APPLICANT—Eugene DeRosa, for 1934 Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7c of the building zone resolution, to permit partly in a residence district and partly in a business district the erection and maintenance of an extension to an existing building—to be used as a theatre.

PREMISES AFFECTED—South Side of East Mount Eden avenue, entire block from Townsend avenue to Walton avenue (Block No. 2845, Lot Nos. 34 and 56), Borough of The Bronx.

APPEARANCES—

For Applicant: C. Schulman, Eugene De Rosa.

For Opposition: Nicholas C. Heyman (objection withdrawn at hearing.)

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney.. 4

Negative 0

Absent 0

THE RESOLUTION—

(296-34-BZ)

WHEREAS, Eugene DeRosa, for 1934 Realty Corporation, owner, filed October 20, 1934, an application under the building zone resolution to permit partly in a residence district and partly in a business district the erection and maintenance of an extension to an existing building to be used as a theatre; premises: south side of East Mount Eden avenue, entire block from Townsend avenue to Walton avenue (Block No. 2845, Lot Nos. 34 and 56) The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Mount Eden avenue is in a business and residence district; Grand Concourse is in a residence district; Townsend avenue is in a residence and business district and Walton avenue is in a residence and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered October 4, 1934, re Alt. App. No. 486-1934, reads:

"1. Proposed extension of building for theatre use into a residential district is contrary to provisions of the Amended Building Zone Resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 203 feet on Mount Eden avenue, 118' on Townsend avenue and 46' on Walton avenue an irregular area at the South end of the plot extends into the residence district and the remainder of the plot is in the business district; at present the North and Westerly portion of the plot is developed with one story stores and as an assembly hall and also with a one story dwelling structure on the South part of the Townsend avenue front. There is a bowling alley located on the Westerly portion of the basement story. It is proposed to erect on the vacant portion of the plot a one story and mezzanine moving picture theatre having a seating capacity for 599 persons. The area of the theatre is 100' by 50'. The southerly half of the theatre is located in the residence district and the northerly half is in the business district. It is proposed to widen to eight (8) feet the existing exit from the assembly hall and bowling alleys leading to Townsend avenue (at the south portion of the building) so as to afford an emergency exit from the proposed theatre. Also, it is proposed to remove part of the stores facing on Mount Eden avenue and to use the resultant space as a foyer and lobby of the proposed theatre. The Townsend avenue front of the existing building extends for a distance of 18 feet into the residence district; this portion of the structure is now developed with a dwelling use and also as an exit from the assembly hall and bowling alleys. In this application it is proposed to widen this exit (in the residence district) and use it as an emergency exit from the proposed theatre; and

WHEREAS, this application was the subject of an inspection by a Committee of the Board on January 3rd, 1935, verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, in the opinion of the committee the proposed construction will be an improvement to the surrounding properties, in that it will remove an interior lot which is an objectionable condition and also cause the removal of the rock which is considerably above grade; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under Sect. 7 subdivision c, of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under Section 7 subdivision c, permitting the interior portion of property located within residential area to be used for theatre, generally as indicated on plans filed with this appeal, and permitting the exit as indicated to be constructed in the area zoned for residence use through to Townsend avenue, *on condition* that this theatre building shall not exceed one story in height and shall comply with all the laws and regulations applicable thereto; that there shall be no openings in the roof other than for mechanical ventilation and for the required exit from the operator's booth, and that the ventilation shall be so arranged as to exhaust away from the adjacent residential properties; that approval of site shall be obtained from the Commissioner of Licenses; that there shall be no window opening to adjoining premises in the enclosing walls of this theatre building erected within the residential area; that where the theatre exit is adjacent to the rear yard of the multiple dwelling on Townsend avenue there shall be a heavy iron fence or brick wall at least 6 feet high erected to separate the theatre exit from such rear yard; that there shall be no advertising signs erected on any portion of the building or exits within the residential area; and that all permits shall be obtained within six months and all work shall be completed within one year from the date of this action.

MINUTES

1148-27-BZ.

APPLICANT—Saul Goldsmith, for Kaufbel Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a motor vehicle repair shop, which is to be included in a gasoline service station. (reopened May 29, 1934).

PREMISES AFFECTED—1146,-1152 Atlantic avenue southeast corner of Franklin avenue (Block No. 1199, Lot No. 8), Borough of Brooklyn.

APPEARANCES—

For Applicant: Saul Goldsmith.

For Administration: Assistant Engineer Benjamin Saltzman, Department of Buildings.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Asst. Chief Kidney..	4
Negative	0
Absent	0

THE RESOLUTION—

(1148-27-BZ)

WHEREAS, this application affecting premises 1146-1152 Atlantic avenue, southeast corner of Franklin avenue (Block No. 1199, Lot No. 8) Borough of Brooklyn, was filed October 25, 1927, under Section 21 of the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; and

WHEREAS, this original application was denied by the board April 17, 1928, and reopened January 7, 1930, under the principles of section 7, subdivision g, it being the opinion of the board at that time that such principles might be applied to a gasoline service station and the application was granted under certain conditions upon these principles April 8, 1930, for a plot with a frontage 106.7 feet on Atlantic avenue and 60 feet on Franklin avenue; and

WHEREAS, thereafter on February 24, 1931, this application was amended by the board to diminish the frontage of the gasoline service station to 87 ft. 6 in. on Atlantic avenue, the 20 ft. frontage remaining of the plot to be occupied for a conforming use; and

WHEREAS, the owner requested a reopening of this application to restore the original frontage of the gasoline station on Atlantic avenue of 106.7 ft. and to occupy the building erected on the 20 ft. frontage as a motor vehicle repair shop under a separate tenancy from the tenancy of the gasoline service station portion; and

WHEREAS, this application was reopened by vote of the board May 29, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Atlantic avenue is in an unrestricted and business district; Franklin avenue is in a business district; and Pacific street is in an unrestricted and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered May 18, 1934 re Applic. No. 5807-1934, reads:

"Proposed change in occupancy to include automobile repair shop. Not consistent with original Permit 1818/31 as accepted under resolution adopted by the Board of Standards and Appeals under Cal. 1148-27-BZ also contrary to Art. 2, Section 4, Par. 29 of the Building Zone Resolution therefore application denied."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 106 ft. 7 in. on Atlantic avenue and 60 ft. on Franklin avenue, on which has been erected in conformity with the resolution a one-story office, 18 ft. by 18 ft., in area, grease racks and necessary tanks and pumps for gasoline service station and between this station as reduced in frontage and the unrestricted area a one-story building used for car painting which it is proposed to occupy for minor automobile repairs; and

WHEREAS, the plot is located in a district zoned for business use; and

WHEREAS, this application was the subject of an inspection by a committee of the board on January 10, 1935, verbal report of which inspection was made by the chairman on behalf of the committee, and which inspection recommended the granting of this application under certain conditions; and

WHEREAS, the board deemed that inasmuch as this added area is located between the gasoline station granted by the board and an area zoned for unrestricted use that sufficient hardship has been shown to justify the proposed restricted motor vehicle repairing use under section 21.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the Board on February 24, 1931, so that as amended it will read as follows:

"Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted on condition that there shall be incorporated at the building line of both street fronts a reinforced concrete curbing not less than 5 in. in height (with top rounded) and not less than 12 in. in width, with not more than two vehicular openings to Atlantic avenue and not more than two vehicular openings to Franklin avenue, no opening to exceed a width 25 ft. in the clear; that the northerly entrance on Franklin avenue shall be at least 10 ft. south of the intersection of the building lines of Atlantic avenue and Franklin avenue and no opening to be within 5 ft. of the interior lot line on Franklin avenue or the one story building to be erected at the easterly end of the plot; that curb cuts approximately opposite shall not exceed 30 ft. in width each; that no gasoline pump shall be installed within 10 ft. of building line; that the one story building as indicated on plans for office shall be finished on exterior with face brick, substantially in accordance with drawings filed with this appeal, with roof of Spanish tile or variegated slate; that the building at easterly end of plot shall not exceed 20 ft. frontage on Atlantic avenue and shall not exceed one story in height and may be used for automobile painting and minor automobile repairs on condition that all work shall be carried on with manual tools except that motor-driven tools may be used provided the motors do not exceed ½ h.p. each; that not more than two grease racks shall be installed; that any advertising display shall be restricted to illuminated glass globes of the gasoline pumps and one standard erected within the building lines which may have an illuminated sign, and permanent flat signs attached to the face of office building and the accessory building used for painting and repairing; that the roof of the building at the east end of plot shall be weather surfaced with rubberoid or similar roof surfacing; and that the ceiling of this building shall be fire retarded in accordance with the Rules of the Board of Standards and Appeals; and that all permits shall be obtained within six months and all work completed within one year from the date of this amended resolution."

662-26-BZ.

APPLICANT—Charles Richel, for Sarah Richel, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (previously granted by the board for a temporary period—the temporary period has elapsed); (reopened July 3, 1934).

PREMISES AFFECTED—3504-3510 Boston road, southeast corner of Eastchester road (Block No. 4723, Lot No. 66), The Bronx.

APPEARANCES—

For Applicant: Joseph Walsh.

For Opposition: G. Kaslow, J. A. Clossick and E. I. Gallant.

ACTION OF BOARD—Resolution amended.

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THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE RESOLUTION—

(662-26-BZ).

WHEREAS, this application, affecting premises 3504-3510 Boston road, southeast corner of Eastchester road (Block No. 4723, Lot No. 66) Borough of The Bronx, to permit in a business district the erection and maintenance of a gasoline service station, was granted by the board under certain conditions, March 15, 1927, for a temporary period of two years under the principles of section 7, subdivision g, of the building zone resolution, the board at that time being of the opinion that such principles could be applied to a gasoline station as well as a garage; and

WHEREAS, thereafter on April 9, 1929, the time for the temporary permit was extended for two years from April 9, 1929, on certain conditions; and

WHEREAS, it appears that permits were issued by the Fire Department for this gasoline station from April 9, 1931, to this date although no further extensions had been granted; and

WHEREAS, the present owner requested a reopening of the case and an extension of the temporary permit and the case was reopened by vote of the board July 3, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Boston road is in a business district; Eastchester avenue, is in a business and residence district and Tillotson avenue is in a business and residence district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered November 28, 1934 re N. B. Application No. 1802-1926 reads:

"1. Buildings completed and premises occupied as gasoline service station as per approved plan and as approved by Board of Standards and Appeals, March 15, 1929 for 2 years. Application reopened for extension of elapsed term as granted by the Board of Standards and Appeals and disapproved for that reason as follows:

"1. Gasoline station in business district is contrary to provisions of Building Zone Resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 97 ft. 6 in. on Boston road and 77 ft. 8 in. on Eastchester avenue, upon which is located an auto laundry, grease pits, a one story office 18 ft. by 18 ft. in area and the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board on January 3, 1935, verbal report of which inspection was made by the chairman on behalf of the board and

WHEREAS, the report recommended extension of time, pending the completion of buildings now under construction, under section 7, subdiv. g, in view of the former grant having been made by the board under that section although no longer recognized as applying to new grants and in view of the agreement by the owner to remove the station upon development of the area to warrant a conforming use being erected on this plot.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the Building Zone Resolution, and that the application be and it hereby is *granted for a period of two (2) years* from the date of this action *on condition* that the tanks and pumps shall be set not less than 25 ft. from street building line; that the building proposed for office accommodations and shelter of patrons shall be limited to one story structure and that the general arrangement of gasoline station and accessory equipment shall be substantially as indicated on plans marked "Received November 30, 1934," that there shall be no portable gasoline tanks used on or from the premises; and that all permits shall be obtained within three months and all work shall be completed within six months from the date of this action.

Adjourned: 11.30 a. m.

EDWARD V. BARTON, *Chief Clerk.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, JANUARY 15, 1934.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

243-34-BZ.

APPLICANT—Samuels and Samuels, for A. R. Olson Bldg. Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28) Brooklyn.

APPEARANCES—

For Applicant: Milton Samuels.

For Opposition: None.

ACTION OF BOARD—Laid over to January 29, 1935 at 2 p. m. for further consideration by the board.

269-34-BZ.

APPLICANT—Samuels and Samuels, for Marcus Cohn, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87) Aqueduct, Borough of Queens.

APPEARANCES—

For Applicant: Milton Samuels.

For Opposition: None.

ACTION OF BOARD—Laid over to January 29, 1935 at 2 p. m. for further consideration by the board.

296-32-BZ.

APPLICANT—Levy and Berger, for Kings Bay Realty Corp., present owner.

SUBJECT—Application for reopening—restoration to Calendar re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—115-123 Kings highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot. No. 21), Brooklyn.

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APPEARANCES—

For Applicant: M. Mac. Schwebel, Joseph Levy.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

229-31-BZ.

APPLICANT—Matthew W. Del Gaudio, for Enavon Realty Corp. and Navone Bros., Inc., owners.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under sections 7e and 21 of the building zone resolution, permitting the extension from an unrestricted district into a business district, of a proposed garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—18-20 Morton street southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Manhattan.

APPEARANCES—

For Applicant: Matthew W. Del Gaudio.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing February 5, 1935 at 10 a. m.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

283-33-BZ.

APPLICANT—Irving Friedman, for Gussie Gordon, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of an existing dwelling to business use. (Previously withdrawn; reopened October 30, 1934).

PREMISES AFFECTED—4601 10th avenue, southeast corner of 46th street (Block No. 5620, Lot No. 11), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(283-33-BZ).

WHEREAS, this application affecting premises 4601 Tenth avenue, southeast corner of 46th street (Block No. 5620, Lot No. 11), Borough of Brooklyn, was reopened by this board on October 30, 1934; and

WHEREAS, although the applicant was notified to complete his papers, he failed to do so.

Resolved, that the application be and it hereby is dismissed for lack of prosecution.

267-34-BZ.

APPLICANT—Scacchetti & Siegel, for Rosa B. R. Heintz and Jacob Siegel, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—East side of Jerome avenue, 160.08' north of East 213th street (Block No. 3329, Lot No. 92) The Bronx.

APPEARANCES—

For Applicant: Edward McLaughlin, Max Siegel.

For Opposition: E. Stanley Marks, Earl I. Gallant.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(267-34-BZ)

WHEREAS, Scacchetti and Siegel, for Rosa B. R. Heintz and Jacob Siegel, owners, filed September 24, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: East side of Jerome avenue, 160.08 ft. north of East 213th street (Block No. 3329, Lot No. 92, Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jerome avenue is in a business and residence district; that Bainbridge avenue is in a business and residence district and that East 213th street is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered September 18, 1934, re: N. B. Applic. No. 222-1934, reads:

"1. Erection of building and occupancy of premises in business district for gasoline service station is contrary to provisions of building zone resolution."

and

WHEREAS the premises consist of an irregular shaped plot of ground having a frontage of 150 ft. on Jerome avenue, a distance of 200 ft. along the south lot line and 105.3 ft. along the north lot line upon which it is proposed to erect a one story office and grease room, structure, 45 ft. by 25 ft. in area and also, the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal were the subject of an inspection by a committee of the board on January 3, 1935, verbal report of which inspection was made by the chairman on behalf of the committee, and which report recommended the granting of this application under certain conditions; and

WHEREAS, the board deemed that the applicant had substantiated the basis of his application under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted under section 21 of the building zone resolution, permitting the plot under appeal to be used as a gasoline selling station, on condition that the plot shall be cleared of all buildings and graded approximately to the level of Jerome avenue, and so that there will be a pitch toward Jerome avenue at a rate of not less than one inch in 5 feet; that the accessory building shall be located approximately as indicated on plans filed with this appeal marked "Received October 30, 1934" and substantially of the size and design indicated; that this accessory building shall consist only of one section for office, an open space for greasing pits and a storeroom and rest room; that this accessory building shall be not over one story in height and shall be constructed of fireproof materials except that the roof beams, roof boarding, windows and doors may be of wood, provided the roof is surfaced with non-inflammable weather surfacing and the ceilings throughout fire-retarded in accordance with the rules of the Board of Standards and

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Appeals; that the front of the greasing section shall remain open; that there shall be no open excavation under this building except the pits for the greasing racks; that there shall be erected on all interior lot lines where there does not now exist fireproof walls of adjoining buildings without openings therein, brick walls not less than 8 feet in height; that the plot where not occupied by accessory building shall be cement-paved across the plot from Jerome avenue to a point in line with the rear of the accessory building; that easterly thereof the plot shall be cement paved or surfaced with cracked bluestone bound with Tarvia or other equivalent binder; that such gasoline pumps as are erected shall be erected not nearer than 15 feet to the building line of Jerome avenue; that there shall be erected on the building line of Jerome avenue a reinforced concrete curb cast integral with the concrete surfacing not less than 12 inches in width nor less than 5 inches in height with rounded top and with not more than three openings therein; that such openings shall not exceed 25 feet in width each with no part of any opening nearer than 5 feet to any interior lot line; that approximately opposite these openings there may be cuts in the curb not exceeding 30 feet wide each; that no advertising shall be permitted except the illuminated globes of the gasoline pumps and one post standard erected within the building line near Jerome avenue, with illuminated sign thereon and a flat sign attached to the accessory building, excluding all other signs of a permanent or temporary nature; that no portable gasoline pumps shall be used on or from the property; that no open flame nor repairing of cars shall be permitted on the property; that parking of cars may be permitted at the rear of the accessory building; that all permits shall be obtained within six months and all work completed within one year from the date of this action.

53-29-BZ.

APPLICANT—Edward L. Kelly for Harry Barrow, owner.

SUBJECT—Application (re decision commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (reopened December 11, 1934 for extension of time to complete work time having elapsed).

PREMISES AFFECTED—5231-5247 Kings highway, northeast corner of Foster avenue (Block No. 7949, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Edward L. Kelly.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(53-29-BZ)

WHEREAS, Edward L. Kelly attorney for Henry Barrow, owner, filed January 23, 1929, an application under the building zone resolution to permit in a business use district the erection and maintenance of a gasoline service station premises 5231-5247 Kings highway, northeast corner of Foster avenue (Block No. 7949, part of Lot No. 1) Borough of Brooklyn; and

WHEREAS, this application was granted by the board June 2, 1929, on certain conditions, reopened and time extended from time to time, and the time limit under these conditions having expired, the applicant requested a reopening of this case; and

WHEREAS, this application was reopened by vote of the board December 11, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Kings highway and Foster avenue are in a business and residence district; that Folger place is in an unrestricted and business district; that East 53rd street is in a residence district; and that East 54th street is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 11, 1931, re applic. No. 5444-1931, reads:

"Proposed gasoline service station to be located in a business use district is contrary to Art. 2, section 4A of zone resolutions."

and

WHEREAS, the premises consists of a triangular lot with 76.46 feet frontage on Kings highway and 127 feet 9 5/8 inches frontage on Foster avenue; it is proposed to bury three 550 gallon tanks and erect six pumps for the purpose of conducting a gasoline service station within a business use district.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of October 8, 1931, in view of the statement by the applicant that plans have been filed and approval of same obtained, and that the time within which to complete the work shall be extended to one year from the date of this amended resolution; that other than as amended herein the resolution of October 8, 1931, shall be complied with in all respects, the resolution of October 8, 1931 reading as follows:

"Granted on condition that there shall be constructed on the building line of both street fronts of the plot a concrete curbing not less than 12 inches in height above grade; there shall be no vehicular entrance within 25 feet of the corner on Kings highway or Foster avenue; that any gasoline pump installed on this plot shall set back not less than 10 feet from the building line; that the vehicular entrances from Kings highway and Foster avenue shall not exceed a width of 10 feet with curb cut located directly in front of same; any advertising displayed or exposed shall be restricted to the illuminated globes of the gasoline pumps."

266-33-BZ.

APPLICANT—William Koppe, for Hollender Holding Corp., owner.

SUBJECT—Application for reopening—amendment and approval of plans re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Sound View avenue and St. Lawrence avenue (Block No. 3596, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: William Koppe.

ACTION OF BOARD—Application reopened, resolution amended, and plans approved.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(266-33-BZ)

WHEREAS, this application affecting premises northwest corner of Sound View avenue and St. Lawrence avenue (Block No. 3596, Lot No. 1) Borough of The Bronx, was granted by the board February 6, 1934, on certain conditions, time extended June 26, 1934, and applicant requests an amendment of the resolution.

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Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of February 6, 1934, only so far as it has reference to concrete curbs to be constructed along the building line, so that as amended the resolution will read as follows (amendment in italics):

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted on condition* that the entire area shall be excavated and graded substantially to the level of Sound View avenue; that there shall be erected on the line of St. Lawrence avenue a masonry wall faced with face brick both inside and outside and extending for at least 5 feet above the general grade of St. Lawrence avenue; that a similar wall shall be constructed on the interior lot line to the north not less than eight feet in height above the grade of Sound View avenue; that this wall on the interior lot line may be racked back from Sound View avenue at the rate of one foot in four, starting with a height of four feet; that the accessory buildings, consisting of an office and greasing sections as indicated on plans filed with this appeal, shall be erected toward the northwesterly end of this plot; that the rear walls of these buildings may be incorporated in the lot line walls; that these buildings shall not exceed one story in height and shall be constructed of incombustible materials except that the roof beams and roof boarding and windows and doors may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals and the roofs are surfaced with an incombustible weather surfacing; that there shall be no windows in these accessory buildings facing St. Lawrence avenue; that the balance of the plot where not covered by accessory buildings and walls shall be either cement-paved or covered with cracked bluestone; that there shall be erected along the building line on Sound View avenue; *a reinforced concrete curb not less than 12 inches in width and 5 inches in height with rounded top*; with not over three openings therein, no opening to exceed 25 feet in width and no part of any opening to be nearer than 15 feet to the corner formed by the intersection of St. Lawrence avenue and Sound View avenue and not nearer than 5 feet to the interior lot line to the north with curb cuts approximately opposite these openings, *not to exceed 30 feet in width (when said street is curbed)*, that a space at the intersection of Sound View avenue and St. Lawrence avenue extending northerly therefrom not less than 15 feet shall be kept attractively landscaped; that gasoline pumps installed shall be not nearer than 15 feet to any building line or 10 feet to any part of an accessory building; that there shall be no open excavation under the accessory buildings excepting the pits for the greasing racks; that there shall be no portable gasoline tanks used on or from the property; that signs advertising non-conforming uses shall be confined to illuminated globes of the gasoline pumps and to flat signs permanently placed against the fronts of the accessory buildings or against the interior faces of the lot line walls, excluding all signs on the exterior of the walls northerly or easterly and all signs of a temporary nature; that there shall be no automobile repairing carried on in the premises, no open flames permitted, and no cars stored or parked other than those being serviced; that lights for general illumination shall be placed on standards with metallic reflectors so arranged as to shine downwardly to avoid nuisance to the adjoining property owners; that plans prior to being filed with the commissioner of buildings shall be filed with this board for approval by the chairman in behalf of the board; that all permits required shall be obtained within three months and all work completed within nine months from the date of this amended resolution.

Resolved, further, that plans marked "Received January 5, 1935," on which it is provided that the pumps shall be lo-

cated at least 15 feet back from the building line, are approved as complying with the resolution as herein amended.

1323-25-BZ.

APPLICANT—Sidney Schelman, for Rugus Oil Corporation, lessee.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of bldgs.) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—7021 73rd place (formerly known as 4621 Proctor street); (Block No. 3792, Lot Nos. 44 and 46), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: Sidney Schelman.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Asst. Chief Kidney..	4
Negative:	0
Absent:	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Asst. Chief Kidney..	4
Negative:	0
Absent:	0

THE RESOLUTION—

(1323-25-BZ)

WHEREAS, this application affecting premises 7021 73rd place (formerly known as 4621 Proctor street) (Block No. 3792, Lot Nos. 44 and 46), Glendale, Borough of Queens, was granted by the Board December 15, 1933, on certain conditions and applicant requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of December 15, 1933, so that as amended it will read as follows (amendments being in italics):

Resolved, that the Board of Standards and Appeals hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted on condition* that all buildings on the premises under appeal shall be demolished and that the plot shall be leveled substantially to the grade of the surrounding streets; that the accessory buildings shall be erected along the northerly property line, as indicated on plans filed with this application; that such accessory buildings shall consist only of an office section, laundry section and greasing section; that the greasing section shall be enclosed in a one-story building with fronts left open; that these buildings shall be constructed of brick and faced with face brick or terra cotta and shall not exceed one story in height, and that except for the roof beams and the roof boarding and doors, they shall be constructed of incombustible materials; that the ceilings throughout shall be fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall be no windows or other openings in these accessory buildings opening to adjacent property; that on the interior lot line to Central avenue and to 73rd place, where not covered by walls of accessory buildings, there shall be constructed brick walls, not less than 8 ft. in height, faced with materials similar to that of the accessory buildings; that these walls may start at 4 ft. in height, where they meet the building line, and be graduated to the 8 ft. height at the rate of one foot in four; that there shall be no excavation under these accessory buildings except pits for the greasing racks; *that there shall be erected along the street building line a reinforced concrete curb not less than 5 in. in height and 12 in. in width cast integral with the cement paving, with not*

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more than two openings therein to Central avenue and one opening to 73rd place; that these openings shall not exceed 25 ft. in width; that no part of any opening shall be nearer than 8 ft. to any interior lot line nor nearer than 10 ft. to the corner formed by the intersection of Central avenue and 73rd place; that there shall be curb cuts *approximately* opposite these openings not exceeding 30 ft. in width *each*; that the balance of the plot, where not covered by accessory buildings, shall be cement paved; that gasoline pumps shall be not nearer to the street building line or any portion of an accessory building than 10 ft.; that no portable gasoline tanks shall be used on or from the property; that there shall be no storage or parking of cars on the premises other than those being serviced; that there shall be no motor vehicle repair work carried on; that signs advertising non-conforming uses shall be restricted to the illuminated globes of the gasoline pumps and to permanent flat signs attached to the front of accessory buildings and to the interior side of the lot line walls, excluding signs on the exterior of the lot line walls and all signs of a temporary nature; *that all permits shall be obtained within three months and all work completed within one year from the date of this amended resolution; and that the plans marked "received January 10, 1935," shall be approved as in compliance with the resolution as revised herein, provided the gasoline pumps are erected not nearer than 13 feet from the centre of the pumps to the building line and that no roof signs shall be erected; that other than as amended herein the resolution adopted by the Board on December 15, 1933, shall be complied with in all respects.*

APPEALS FROM ADMINISTRATIVE ORDERS

260-34-A.

APPELLANT—The Timken Silent Automatic Company, for Hoffman Estates, owner.

SUBJECT—Appeal from an order of the commissioner of buildings. (Previously dismissed for lack of prosecution; reopened and restored to Calendar December 11, 1934.)

PREMISES AFFECTED—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot No. 20), Manhattan.

APPEARANCES—

For Appellant: Arthur Pannaman.

ACTION OF BOARD—Laid over to January 29, 1935, at 2 P. M. for inspection by a committee of the Board.

338-34-A.

APPELLANT—Ansonia Fire Prev. Eng. Co., Inc., for Cowperthwaith & Sons, lessees.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—2212-2224 Third avenue, 173 East 120th street and 192-198 East 121st street (Block No. 1769, Lot No. 36), Manhattan.

APPEARANCES—

For Appellant: Herman E. Horwood.

For Administration: Inspector Maher of Department of Buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative:	0
Absent:	0

THE RESOLUTION—

(338-34-A)

WHEREAS, Ansonia Fire Prev. Eng. Co., Inc., for Cowperthwaith & Sons, lessee, filed November 30, 1934, an appeal from an order and a decision of the commissioner of buildings affecting premises 2212-2224 Third avenue, 173 East

120th street and 192-198 East 121st street (Block No. 1769, Lot No. 36), Borough of Manhattan; and

WHEREAS, the order of the Commissioners of Buildings dated June 28, 1934, Order No. 14598-F, reads:

"1. Install an approved standpipe system in accordance with the rules of the Board of Standards and Appeals, Sec. 580-1, Art. 28, Ch. 5 Code of Ordinances, and

WHEREAS, the decision of the Commissioner of Buildings, dated November 13, 1934, reads:

"In reference to your request to rescind Order No. 14598-F pending against the above premises and requiring the installation of an approved standpipe system in accordance with Sections 580-581 of the Chapter 5 of Code of Ordinance and the Rules of the Board of Standards and Appeals, you are advised that as the interior area of premises exceeds 10,000 square feet, your request must be denied."

and

WHEREAS, the building is non-fireproof, 5 stories and mezzanine (75 feet) in height, 100 feet by 201 feet 10 inches, irregular, about 14,225 square feet in area at cellar and 1st story, 13,450 square feet at 2nd and 3rd stories and 11,250 square feet each story above; OCCUPIED as a carpet and furniture store; cellar, boiler room, sales and showrooms; 1st, 2nd, 3rd and 4th stories; sales and showrooms; 5th story, furniture stock; 89 persons throughout the entire building; located within a business district; and

WHEREAS, the appellant claims the building was erected in 1908 and has been used as a store for the sale of furniture since its erection; the cellar is divided into very small floor areas by brick and masonry walls with fireproof self-closing doors at communicating openings; the maximum single floor area on 1st story is 10,900 square feet and 8,860 square feet on 1st story mezzanine, the maximum single floor area on each story above is 11,250 square feet, with fireproof self-closing doors at communicating openings; the building is open to the street on two sides, equipped with a two source sprinkler system fed from a 12,000 gallon gravity tank and a 9,000 gallon pressure tank, with central office fire alarm connection; at all times when the store is not in operation a watchman is maintained on the premises supervising thirteen stations; there are twenty-nine 2½ gallon fire extinguishers, 16 fire tanks and 98 fire pails distributed throughout the building; there are six city hydrants within easy access, a city fire alarm box at 120th street and Third avenue and one at 122nd street and Third avenue; the appellant contends the building is also equipped with a 2½ inch standpipe system which has been satisfactory to all authorities having jurisdiction during the past 27 years; furthermore, that the building is provided with adequate means of fire fighting apparatus.

Resolved, that the order of the Commissioner of Buildings, No. 14598-F, be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that the existing 2½ inch standpipe system shall be maintained in good working order, to the satisfaction of the administrative official and shall comply with Rules 3 and 4 and Subdivision 10 of Rule 91 of the Standpipe Fire-Line Rules of the Board of Standards and Appeals that the existing sprinkler system shall be maintained in accordance with the Sprinkler Rules of the Board of Standards and Appeals; that the central office connection for the Sprinkler System shall be maintained; that at all times when the building is not in operation, a watchman shall be maintained on the premises, making the usual rounds of the building; that such auxiliary fire-fighting equipment shall be maintained as the administrative official shall direct; that the building shall not be increased in height or area; and *granted*, so long as the existing conditions and occupancy remain substantially unchanged.

350-34-A.

APPELLANT—Emil Koepfel, for Vic Auto Supply, Inc., owner.

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SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—411—47th street (Block No. 756, part of Lot No. 1), Borough of Brooklyn.

APPEARANCES—

For Appellant: Emil Koeppel.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Asst. Chief Kidney.. 4

Negative: 0

Absent: 0

THE RESOLUTION—

(350-34-A)

WHEREAS, Emil Koeppel for Vic Auto Supply, Inc., owner, filed November 24, 1934, an appeal from a decision of the Commissioner of Buildings affecting premises 411—47th street (Block No. 756, part of Lot No. 1), Borough of Brooklyn; and

WHEREAS, the decision of the Commissioner of Buildings, rendered November 21, 1934, re App. No. 15485-1934, reads:

“Proposed occupancy as gas station in a business district contrary to Building Zone Resolution, Art. II, 4-a (46). Propostion is therefore denied.”

and

WHEREAS, the building is non-fireproof, 2 stories (24 ft.) in height, 21 ft. by 35 ft. in area OCCUPIED: 1st story—garage for three motor vehicles and gasoline service station, one person; 2nd story—carpenter shop, 3 persons; located within a business district; and

WHEREAS, the appellant claims the building was occupied as a stable for eight horses from 1900 to 1913, three affidavits to such effect have been filed with and accepted by the Fire Commissioner; in 1916 the building was occupied as a garage for three motor vehicles; a gasoline tank of 275 gallons capacity and pump were installed under approved plan No. 259 in 1927; permits were regularly issued thereafter by the Fire Commissioner for a gasoline selling station; Permit No. 575377 is now in force, expiring March 28, 1935; the Commissioner of Buildings has refused to issue a Certificate of Occupancy for a gasoline station; the appellant proposes to continue the present occupancy, and, furthermore, contends that due to the prior use of the building, the approval and permits issued by the Fire Commissioner during the past few years and under Section 6 of the Zone Resolution, he has a legal right to maintain the existing occupancy of a garage for three motor vehicles and a gasoline service station.

Resolved, that the decision of the Commissioner of Buildings, dated November 21, 1934, in connection with Applic. No. 15485-1934, be and it hereby is *modified*, and that the appeal be and it hereby is *granted* permitting the street floor of the existing building 21 ft. by 35 ft., located at the easterly end of Lot No. 1, Block No. 756, and known as No. 411 47th street, to be occupied as a garage *on condition* that this building shall be entirely separated from all other buildings on the plot and permitting the existing gasoline tank and gasoline pump to remain within the building for the sale of gasoline to such cars as are stored therein, but not for public sale on the sidewalk, either direct from such pump or by means of portable tanks.

PETITIONS FOR VARIATION.

286-34-S.

PETITIONER—Jacob F. Gottesman, for Frank Gottesman & Morris Stander, owners.

SUBJECT—Variation of the labor law as cited in an order of the commissioner of buildings.

PREMISES AFFECTED—No. 12 Gratton street (Block No. 3102, Lot No. 11), Borough of Brooklyn.

APPEARANCES—

For Petitioner: None.

For Administration: None.

ACTION OF BOARD—Petition granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Asst. Chief Kidney.. 4

Negative: 0

Absent: 0

THE RESOLUTION—

(286-34-S)

WHEREAS, Jacob F. Gottesman, for Frank Gottesman & Morris Stander, owners, filed October 10, 1934, a petition for a variation from the requirements of the Labor Law as cited in an order of the commissioner of Buildings affecting premises No. 12 Gratton street (Block No. 3102, Lot 11), Borough of Brooklyn; and

WHEREAS, the order of the commissioner of buildings, dated January 4, 1934, Order No. 10806-LD, reads:

“1. Discontinue the use of the above premises occupied for a factory purpose in violation of Sec. 270, of the Labor Law.

Among the defects noted are the following:

(a) Stairway not 44 in. in width.

(b) Stairway not enclosed on all sides by fireproof partitions.

(c) Outside iron stairway cannot be occupied as a second means of exit under stc. 270 of the Labor Law.

and

WHEREAS, the building is non-fireproof, 2 stories in height, 25 feet by 94 feet 11 ins. in area; OCCUPIED: cellar, storage; 1st story, pickle works, 3 persons; 2nd story, factory, 12 persons; located within an unrestricted district; EXITS: an interior wooden stairway, extending from the 1st story to 2nd story, enclosed in wood studs, wire lath and $\frac{3}{4}$ inch P.C. mortar partitions with fireproof doors at openings; a fire escape on the rear of the building, having non-fireproof openings along the course thereof, extending from the yard level to the 2nd story, with no legal means of egress from yard to street; ROOFS of adjoining buildings: same level at west; and

WHEREAS, the petitioner claims the building was erected for storage purposes under plans filed August 26, 1914, before it became customary to issue certificates of occupancy; the interior stairway at front is about 40 inches in width; the fire escape at rear is 30 inches in width; additional means of exit may be had from 2nd story through windows to adjoining roofs at east and west sides; the building directly at rear is to be removed and a one story building will be erected and provided with an exit from yard to street which will be available from the yard of premises in question; the occupancy of the building has been the same as at present since its erection, and no violations were filed until this year; the present owner acquired the building in 1918 when there were no violations of record against the premises and no changes have been made to the building since; to comply with the order would involve a large expense and cause an undue hardship upon the owner; furthermore, the petitioner contends that the present exits are adequate for the existing occupancy.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the requirements of the Labor Law, and that the petition be and it hereby is *granted*, as to Order No. 10806-LD, permitting the building to be used for factory purposes, *on condition* that the existing primary means of exit from the second floor consisting of a 3 ft. 8 in. wooden stairway leading to Gratton street shall be enclosed in fire-retarded partitions including soffits and platform; that the window within this stair enclosure shall be bricked up or made fireproof and stationary and glazed with wire glass; that the existing rear fire escape shall be provided with a platform to provide access to the roof of the adjoining one-story building to the east and also platform to stairs to provide access to the premises in the rear through which access may be obtained to Thames street; that a window in the west wall near Gratton street shall be changed

MINUTES

to a fireproof door to permit access to the roof of the adjoining building to the west; that flues and other openings leading up from the cellar, other than the boiler flue in use, shall be adequately blocked up and fire-stopped; that the required air opening in the fire-retarded enclosure around the oil burner shall be provided with a metal duct to carry the air from the rear of the building and that the existing opening in the building wall to the space between this building and the adjoining frame building shall be bricked up; that all combustible refuse shall be removed from the cellar and first floor; that the connecting door between the first floor and the adjoining building to the east shall be kept closed and fastened; that the occupancy of the second floor shall be for light manufacturing only, similar to the existing needle work occupancy; that other than as modified herein, the Labor Law shall be complied with in all respects and that this modification shall apply only so long as the conditions remain substantially unchanged.

APPLIANCES SUBMITTED FOR APPROVAL.

351-34-SA.

PETITIONER—Benjamin Wetstone, for Ellington Oil Burner Co., owner.

SUBJECT—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board and bureau of combustibles, fire department for test and report.

356-34-SA.

PETITIONER—Hypressure Jenny of N. Y., Inc., for Homestead Valve Mfg. Co., owner.

SUBJECT—Hypressure Jenny (Spray Cleaning Unit), Models D and F, approval of.

APPEARANCES—

For Petitioner: Warren J. Nugent and George Fink.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board and bureau of combustibles, fire department for test and report.

357-34-SA.

PETITIONER—Connecticut Foundry Co., owner.

SUBJECT—Moderne Range Oil Burner, Models Regular, Junior and Firenew, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board and bureau of combustibles, fire department for test and report.

360-34-SA.

PETITIONER—National Oil Burner Co., Inc., owner; A. W. Dovel, agent.

SUBJECT—National Oil Burners, Model E-J approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board and bureau of combustibles, fire department for test and report.

361-34-SA.

PETITIONER—National Oil Burner Co., Inc., owner; A. W. Dovel, agent.

SUBJECT—National Range Oil Burner, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board and bureau of combustibles, fire department for test and report.

1249-22-SA.

PETITIONER—Coen Co., owner.

SUBJECT—Coen Steam Atomizing Oil Burner, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition withdrawn without prejudice, upon written request of petitioner.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

263-34-SA.

PETITIONER—Frank Glanz, for Preferred Utilities Co., Inc., for The Lonergan Manufacturing Co., owner.

SUBJECT—Lonergan Oil Burning Heater, Models F-2, F-3 and C-4, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(263-34-SA)

WHEREAS, Frank Glanz, for Preferred Utilities Co., Inc., for the Lonergan Manufacturing Company, owner, filed September 11, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Lonergan Oil Burning Heater, Models F-2, F-3 and C-4; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The heater consists of a fire pot, radiating shell, outer shell, oil tank, oil strainers, oil feed pipe and fittings, and constant level device. The fire pot is made of sheet steel No. 18 U. S. gauge. Over the pot there is a flame plate made of 3/16" cast iron. The bottom of the tank is dished so that all of the oil may be fed to the burner. The oil coming from the tank passes through a purolator oil filter, and thence to a float and needle valve control, manufactured by the Automatic Products Company. This float valve maintains a constant level in the vaporizing pot. The oil tank is built in the side of the burner and is provided with a double air space to prevent heating of the oil. The copper tubing used for connecting the various parts of the heater has a wall thickness of .649 inches.

Model F-2 has a six-gallon tank. The model F-3 has a six-gallon tank, and the model C-4 has a six-gallon tank located at the back of the burner. The F-2 and C-4 have 10" vaporizing pots, while the F-3 being larger has a 13" vaporizing pot. These burners were put into operation and the controls on each one were tested.

It is recommended that these heaters be approved when certain recommendations are carried out.

Resolved, that the Board of Standards and Appeals does hereby approve the device, known as the Lonergan Oil Burning Heater, Models F-2, F-3 and C-4, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and as modified and supplemented by the following conditions:

MINUTES

1. Storage container must bear a label of the decalcomania type or a metal label, reading as follows:

NOTICE
APPROVED
by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 263-34-SA.

Only an Approved Safety Can Shall Be Used In
Filling This Storage Container.

2. Floor beneath the oil burning device shall be protected by a shield of $\frac{1}{2}$ in. asbestos or other equivalent material extending at least 12 in. beyond the outline of such device.
3. This burner shall be connected to a legal chimney, complying with the requirements of section 403 of chapter V of the Code of Ordinances; said chimney to have a readily accessible cleanout door; the flue connection to the chimney shall be equipped with a suitable stack check to nullify down draft.
4. The fuel oil used in this device shall be range oil or No. 1 or No. 2 fuel oil.

333-34-SA.

PETITIONER—William A. Young, for The Viking Manufacturing Co., owner.

SUBJECT—Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with report of Engineer of the Board and Bureau of Combustibles of the Fire Department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Asst. Chief Kidney..	4
Negative:	0
Absent:	0

THE RESOLUTION—

(333-34-SA)

WHEREAS, William A. Young, for the Viking Manufacturing Company, owner, filed November 26, 1934, a petition with the Board of Standards and Appeals, for approval of the devices known as the Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80; and

WHEREAS, these devices were submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

Models 20, 30, 60, 65, 70 and 80 are of the radiant type space heaters.

The Models 30 and 65 are of the single unit type; Models 70 and 80 have two burner units. The Models 70 and 80 are equipped with five gallon regulation tanks. The burners employ the atmospheric feed system, the oil passing through metering valves of the "V" slot type, manufactured by the Hartford Machine Screw Company. These valves are set so that a small amount of oil is by-passed, furnishing a pilot light for the burners. The master valve is installed between the oil supply tank and the metering valve and is only used when it is desired to completely shut the burner down.

The Models 20 and 60 are equipped with two-gallon tanks attached to the rear of the heater. One each of these models was observed under actual working conditions and it is recommended that they be approved by the Board of Standards and Appeals, and that certain recommendations be incorporated in the resolution.

Range Burner. The Viking Range burner is of the atmospheric type, and equipped with a two-gallon glass bottle or a two-gallon metal tank. The burner unit consists of an iron casting having four concentric rings, in which are set perforated steel sleeves. These sleeves range from $5\frac{1}{8}$ to $6\frac{1}{2}$ ins. in height. The walls of the base casting are approximately 1 in. in height. The burner units are mounted upon individual iron stands, provided with the necessary leveling screws and bolts for fastening them permanently to the ash pit.

A pressed steel cover is attached to the top of the sleeves. The front burner unit was ignited and allowed to get to maximum heat. When this temperature was obtained, the oil supply to the second burner unit was turned on full. There were no puff backs due to faulty ignition to the second burner.

It was recognized in these burners the inherent hazards due to location and operation. In recommending these burners for approval, it is suggested that certain recommendations be carried out in their installation.

Resolved, that the Board of Standards and Appeals does hereby approve the devices known as the Viking Range Oil Burning Heater Models 20, 30, 60, 68, 70 and 80 when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals as modified and supplemented by the following conditions:

- 1—Storage container must bear a label of the decalcomania type or a metal label reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 333-34-SA

Only an Approved Safety Can Shall Be Used
in Filling This Storage Container.

- 2—Floor beneath the oil burning device shall be protected by a shield of $\frac{1}{2}$ in. asbestos or other equivalent material, extending at least 12 in. beyond the outline of such device.
- 3—That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
- 4—The fuel oil used in this device shall be range oil or No. 1 or No. 2 fuel oil.

Resolved, further, that the Board of Standards and Appeals does hereby approve the device known as the Viking Range Oil Burner when installed in accordance with the oil burner rules of the Board of Standards and Appeals as modified and supplemented by the following conditions:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 in. in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.

MINUTES

6. Cracks or crevices between the combustible chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.

7. Only approved safety cans shall be used for the storage and filling of oil containers.

8. Storage containers shall not be filled in same room when and where burner is in operation.

9. Floor beneath oil burner device shall be protected by shield of at least ½ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the stove or range in which the device is installed, including the oil supply container and stand.

10. The storage container shall bear a label permanently attached hereto reading as follows:

NOTICE APPROVED BY THE BOARD OF STANDARDS AND APPEALS For Use in New York City Under Cal. No. 333-34-SA.

Only an Approved Safety Can Shall Be Used
in Filling This Storage Container.

11. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.

12. The fuel oil used in this device shall be range oil or No. 1 or No. 2 fuel oil.

Adjourned, 4.10 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Monroe Oil Pump	658-26-SA
Beach Russ Co. Rotary	1134-22-SA	Northern Rotary	1396-24-SA
Blackmer Rotary	935-24-SA	Pasco Pump Set	1029-26-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Century Rotary	908-21-SA	Quiet May Gerotor Pump	267-32-SA
Cook Electric Oil Pump	603-25-SA	Quimby Screw Pump	1193-21-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner	579-32-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3, and MP-1....	359-33-SA
Anthony Nebulyte Oil Burner	1026-22-SA	Morse Conical Type Steam Atomizing Burner	938-25-SA
Auto-Heat Oil Burner	284-33-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Morse Fuel Oil Burner.....	820-23-SA
Babcock & Wilcox Mechanical Oil Burner..	45-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Automatic Oil Burner	1363-23-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Low Pressure Mechanical Oil Burner	1493-22-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Jr. Oil Burner	1176-27-SA	Nichols-McCann-Harrison Burners.....	255-31-SA
Ballard Staples & Pfeiffer Steam Atomizing High Pressure Burner	1414-22-SA	North American Low Pressure Oil Burner	792-26-SA
Berggren Oil Burner	764-26-SA	Oilbilt Burner.....	85-33-SA
Best Calorex Burner	1464-21-SA	Oronoke Oil Burner.....	394-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	Packard Fuel Oil Burner.....	77-34-SA
Bock Oil Burning Water Heater	102-34-SA	Paramount Oil Burner, Model A.....	617-30-SA
Brighton Oil Burner	372-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Burnwell Mechanical Burner	957-22-SA	Petro Model W Oil Burner.....	452-31-SA
Caloroil Burner, Type AA	1361-24-SA	Petro Mechanical Burner and Air Register	735-24-SA
Carter Oil Burner, Models 4X and 5X	117-34-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Coen Mechanical Oil Burner	942-21-SA	Presto Automatic Oil Burner.....	294-34-SA
Cornell No. 1 Type A Oil Burner	397-23-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Dahl Mechanical Fuel Oil Burner	13-21-SA	Quigley No. 10 Low Pressure Oil Burner..	436-31-SA
D'Elia Oil Burner	155-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
DeWalt Oil Burner	541-31-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
Doe Oil Burner	317-31-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Type 400 Steam Atomizing Oil Burner	1414-23-SA	Rockwell Fuel Oil Burner.....	341-21-SA
Enco Mechanical Oil Burner	509-30-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Rotary Fuel Oil Burner	1149-27-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Enterprise Steam Atomizing Burner	15-33-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
Fess Turbine Burner and Airoil Fan and Pump Set	26-22-SA	S. K. Oil Burner, Model F.....	369-33-SA
Forsdraft Oil Burner	41-34-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner.....	197-32-SA
Frankfort Type P Oil Burner	1046-23-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Gem Fuel Oil Burner	111-26-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Fuel Oil Burner, Model D-1	434-32-SA	Standardyne Oil Burner.....	34-34-SA
General Electric Oil Burner, Type DA-2..	228-33-SA	Steam Oil Burner.....	183-22-SA
Ghapco Steam Generator	348-21-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gilbert & Barker Fuel Oil Burner	1636-21-SA	Sun Heat Oil Burner.....	603-29-SA
Gold Star Oil Burner, Models F and S	166-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Goodspeed Oil Burner, Nozzle Type 2	346-33-SA	Sunway Oil Burner.....	624-30-SA
Grant Oil Burner, Model "C"	232-32-SA	Surface Combustion Low Pressure Burner	92-23-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Tate-Jones Fuel Oil Burner, "L" Type....	1254-24-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Harris Fuel Oil Burner	690-30-SA	Timken Rotary Oil Burner.....	297-29-SA
Hart Oil Burner, Model "H"	221-33-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hauck Venturi Low Pressure Oil Burner....	88-27-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hayward Oil Burner	696-30-SA	Todd Rotary Burner, Models A, B and C	454-25-SA
Hobeco Oil Burner	1278-21-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Oil Burner	328-27-SA	Todd Spiro Burner (pump type).....	94-32-SA
Holby Type B Fuel Oil Burner	689-29-SA	Todd Steam Atomizing Fuel Oil Burner..	123-23-SA
Hupp Oil Burner, Models H, U, P and PP..	10-34-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Induslo Fuel Oil Burner 1-27	5-24-SA	Vapofier Oil Burner.....	184-34-SA
Kelvinator Oil Burner, Model K	105-34-SA	Vaporoil Burner	44-32-SA
Kreager Oil Burner	367-30-SA	Warner Oil Burner, Model A.....	16-34-SA
Iaco Oil Burner, Models F, JF, BF and D..	226-33-SA	Wheco Oil Burner.....	108-34-SA
Leiman Brothers Fuel Oil Burner	314-30-SA	Winslow Kleen Heet Burner, Models 805 and 820.....	19-25-SA
Liberty Automatic Heater	129-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Liberty Pressure Oil Burner	75-34-SA	Yorktown Oil Burner.....	166-33-SA
Lientz Oil Burner	155-20-SA		
Lonergan Automatic Oil Burner	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3..	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1036-22-SA		
May Oil Burner.....	68-24-SA		
Midget Oil Burner.....	155-34-SA		
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

328-33-A—4299, Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

32-31-SA—Ray-Dio Sunshine Range Oil Burner.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

592-32-SA—Ameroil Oil Burner for Stoves and Ranges.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

126-33-SA—Tower Range Oil Burner.

162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

349-33-SA—Herco Oil Burner.

32-34-SA—Super Oil Burner for Pressing Machine.

88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.

92-34-SA—Autocall Interior Fire Alarm Signal Systems.

125-34-SA—American Oil Burner.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

136-34-SA—Korth Oil Burner, Model G.

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

183-34-SA—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

208-34-SA—Globe Oil Burner Pump.

221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

256-34-SA—"Standard" One-Piece Closet Combination.

270-34-SA—Zenith Oil Burner.

274-34-SA—B. & H. Radiant Stove Oil Burner.

275-34-SA—Vapomatic Oil Burner.

291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

302-34-SA—Loyalty Range Burner.

309-34-SA—Hupp Range Oil Burner, Models S.D. and C. D.

311-34-SA—Evur-Ready Range Oil Burner, Models Leader, Standard, De Luxe and W-1.

313-34-SA—General Electric Oil Screen Valve (Anti-Syphon Type), Model CR-7860-E1A.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

329-34-SA—Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.

339-34-SA—Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115 and Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623.

345-34-SA—Micron Oil Burner.

351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.

354-34-SA—Kres-Kno Pressing Machine Burner, Model MD.

355-34-SA—Kres-Kno Range Oil Burner, Model MD.

356-34-SA—Hypressure Jennv (Spray Cleaning Unit), Models D and F.

357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.

360-34-SA—National Oil Burner, Model E-J.

361-34-SA—National Range Oil Burner.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	1
Cases filed up to January 16, 1935	16	Dismissed	2
Restored to Calendar	3	Denied	1
		Granted	0
		Granted on condition	11
		Appliances approved	5
		Appliances dismissed, disapproved or withdrawn ...	1
		Rules approved	0
		Rules disapproved, rescinded or withdrawn	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	37	Requests to reopen granted	37
Requests to amend	31	Requests to reopen denied	0
Requests for modification	0	Requests to amend granted	31
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time	3	Requests for modification granted	0
Requests for extension permit	0	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans	1	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	3
Requests for interpretation	0	Requests for extension of time denied	0
Total	254	Requests for extension of permit granted	0
Disposed of	93	Requests for extension of permit denied	0
Cases pending January 16, 1935	161	Requests to install granted	0
		Requests to install denied	0
		Plans approved	1
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	0
		Total	93

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order, therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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NEW

BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

JANUARY 29, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 5

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-6184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of
the board

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Court Decisions

Call of Clerk's Calendar.

Notices in Building Zone Cases.

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Minutes of Regular Meeting, January 22, 1935, at 10 A. M.

Minutes of Regular Meeting, January 22, 1935, at 2 P. M.

Approved Fuel Oil Pumps.

Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

THE LIBRARY OF THE

FEB - 4 1935

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, January 28, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, February 4, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET

New Cases Filed up to January 23, 1935.

<i>Cal. No.</i>	<i>Department</i>	<i>Premises Affected</i>
20-35-BZ.....	D.B.Bx..	711-719 Gun Hill road, (Block 4657, Lot 8), The Bronx, N.B. 11-35.
19-35-A.....	D.B.M...	127-131 Mercer street, (Block 499, Lot 23) Manhattan, 81644-L.C.
18-35-A.....	D.B.B...	900-910 Jamaica avenue, and 5-9 Autumn avenue, S. E. corner (Block 4108, part of Lot 4), Brooklyn, Decision.
17-35-SA.....	F.D.....	Toridheet Oil Burner, Model "G". Appliance.

Restored to Calendar.

140-34-BZ.....	D.B.Bx..	3114 Jerome avenue, S. E. corner East 204th street (Block 3321, Lot 36), The Bronx, Decision.
894-28-BZ.....	D.B.B...	2702-2712 Foster avenue, S. E. corner Rogers avenue (Block 5229, part of Lot 82), Brooklyn, Decision.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

	Last Publication in Bulletin
Certificate of Occupancy, approved forms	Aug. 2, 1932—Vol. 17 No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime)... Oct.	9, 1934—Vol. 19 No. 41
Elevator Rules	July 3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors).... Jan.	1, 1935—Vol. 20 No. 1
Factory Exit Rules	Dec. 11, 1934—Vol. 19 No. 50
Fire Alarm Rules (Interior)..... Nov.	20, 1934—Vol. 19 No. 47
Fire Drill Rules	May 30, 1933—Vol. 18 No. 22
Fire Retarding Rules for Garages, etc.	Dec. 11, 1934—Vol. 19 No. 50
Fireproof Wood, Testing of..... Oct.	2, 1934—Vol. 19 No. 40
Frame Garages, Ruling for..... Jan.	21, 1919—Vol. 4 No. 3
Gas Shut-Off Rules	7, 1925—Vol. 10 No. 14
Hatchway Protection	5, 1928—Vol. 13 No. 23
Oil Burner Rules	Dec. 18, 1934—Vol. 19 No. 51
Paint, Varnish and Lacquer Spraying Rules..... Nov.	27, 1934—Vol. 19 No. 48
Plumbing Rules.....	Dec. 25, 1934—Vol. 19 No. 52
Procedure, Rules of... ..	June 20, 1933—Vol. 18 No. 25
Refrigerating Systems, Extract C.O. Nov.	20, 1934—Vol. 19 No. 47
Smoking in Factories, Rules for.... Dec.	11, 1934—Vol. 19 No. 50
Sprinkler Rules	Jan. 16, 1934—Vol. 19 No. 3
Standpipe Fireline Rules..... Oct.	16, 1934—Vol. 19 No. 42
Structural Alterations, Reporting.. June	7, 1932—Vol. 17 No. 22
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)... Apr.	10, 1923—Vol. 8 No. 15

LIST OF APPROVED APPLIANCES

Fireline Hose Valves.....	Jan. 29, 1935—Vol. 20 No. 5
Fuel Oil Burners for Domestic and Commercial Use.....	Jan. 1, 1935—Vol. 20 No. 1
Fuel Oil Burners for Industrial Use. Jan.	29, 1935—Vol. 20 No. 5
Fuel Oil Pumps.....	Jan. 29, 1935—Vol. 20 No. 5
Paint, Varnish and Lacquer Spraying Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
Range Oil Burners and Space Heaters	Jan. 15, 1935—Vol. 20 No. 3

COURT DECISIONS

In re Karron & Lieberman, Inc. (Murdock) October 23, 1934, Board denied gasoline station in business district (Board having previously denied similar application for larger plot at same location), under section 21, Cal. No. 73-34-BZ; Premises 1140-1158 McDonald avenue, Brooklyn. Mr. Justice Dodd reversed the Board (N.Y.L.J. January 19, 1935).

* * *

In re 88th Hldg. Co., Inc. (Murdock) April 24, 1934, Board denied application for temporary gasoline station under section 7-f (having previously denied gasoline station under section 21) in a business district, Cal. No. 546-32-BZ; Premises N. E. corner Williamsbridge road and Lydig avenue, Bronx. Mr. Justice Frankenthaler sustained Board (N.Y.L.J. January 21, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 23, 1935, AT 2 P. M.

Building Zone Cases.

283-34-BZ

APPLICANT—George I. Laird, owner.

PREMISES—241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages.

3-31-BZ

APPLICANT—W. Bryce Rea, owner.

PREMISES—250-21 Northern boulevard, north side, 151 ft. east of 250th street (Block No. 3984, Lot No. 89), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened April 10, 1934),

TO PERMIT in a business district the change of occupancy of an existing building to a motor vehicles repair shop.

334-34-BZ

APPLICANT—John F. Meehan, for Fred Starke, owner. PREMISES—Northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station.

287-34-BZ.

APPLICANT—Samuel Rosenblum, substituted for Howard Kelly, for Mutual Life Insurance Co., owner.

PREMISES—Northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

113-34-BZ.

APPLICANT—Sidney Lipston, for Morris Gorelik, owner. PREMISES—1009 Myrtle avenue (Block No. 1749, Lot No. 48), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles.

CALENDAR

JANUARY 29, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 29, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 326-34-BZ—Application, November 16, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Engelbert Bick, owner, to permit in a business district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

CAL. NO. 231-34-BZ—Application, August 9, 1934, under section 21 of the building zone resolution, of Samuel M. Rivelson, applicant, on behalf of Constantinos Demetroukas, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 9402-9404 Church Avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Borough of Brooklyn.

CAL. NO. 271-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Henry C. Brucker, applicant, on behalf of Henry Schneider, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Cooper avenue, 130 ft. southwest of the corner of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

CAL. NO. 722-23-BZ—Application of James Kearney, on behalf of Julia Hirsch, owner, reopened October 2, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the Board) so as to include a gasoline service station; premises 2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 29, 1935, 2 P. M.

Appeals from Administrative Orders.

245-34-A—West side of Vernon boulevard, 90 ft. north of 43rd avenue (Block No. 484, Lot No. 23), Long Island City, Borough of Queens.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

260-34-A—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot No. 20), Manhattan.

8-35-A—1908-1912 Park avenue (Block No. 1754, Lot Nos. 37, 38, 39 and part of Lot Nos. 40 and 40½), Manhattan.

9-35-A—55-59 Beaver street and 11-21 William street, northwest corner (Block No. 25, Lot No. 35), Manhattan.

23-35-A—South side of Hicks street, running through from Seymour avenue to Fenton avenue (Block Nos. 4720, Lot Nos. 1, 2, 5, 6, 7, 8, 9 and 15), The Bronx.

341-34-A—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.

347-34-A—Beach 149th street and Ocean Promenade (Block No. 810, Lot No. 1); (Main building, Neponsit Beach Hospital), Neponsit, Borough of Queens.

257-34-A—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

Appliances Submitted for Approval.

183-34-SA—Kohler "Integra" K-5580 One Piece Syphon Jet Water Closet.

3-35-SA—Yorktown Oil Burner, Model A.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 29, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 269-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Marcus Cohn, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens.

CAL. NO. 216-33-BZ—Application of the M.M.&L. Realty Association, owner, reopened January 8, 1935, for consideration as to an extension of time to complete work—time having elapsed—re Application, granted on certain conditions, under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 2414-2420 Flatbush avenue, southwest corner of Avenue "T" (Block No. 8542, Lot No. 41), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALENDAR

CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 4, 1935, AT 2 P. M.

Building Zone Cases.

273-34-BZ.

APPLICANT—Nathan D. Shapiro and Bros., for Mansfield Service Station, Inc., owner.

PREMISES—1314-1332 Ocean avenue, west side, 100 ft. south of Avenue "H" (Block No. 6703, Lot No. 55), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the extension of an existing gasoline service station and also the erection and maintenance of an office, auto laundry and greasing pits.

289-34-BZ.

APPLICANT—Mario J. Cafiero, for Nathaniel Potter, owner.

PREMISES—308 Monroe street, south side, 150 ft. east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a residence district the extension in area of an existing garage and automobile repair shop.

299-34-BZ.

APPLICANT—Michael Glick, for Nathan Bensky, owner.

PREMISES—East side of Sedgwick avenue, 795 ft. south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

317-34-BZ.

APPLICANT—Samuels & Samuels, for Jean Levy and Benjamin Levin, owners.

PREMISES—Southeast corner of Grand Central Parkway and Parsons boulevard (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence use and partly in a business use and also "F" area district the erection and maintenance of a gasoline service station.

FEBRUARY 5, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution. *Tuesday morning, February 5, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 264-34-BZ—Application, September 12, 1934, under section 21 of the building zone resolution, of William C. Goodson, applicant, on behalf of Bartholdi Turecamo, owner, to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line: premises 8412 Ridge Boulevard (Block No. 6023, Lot No. 39), Borough of Brooklyn.

CAL. NO. 310-34-BZ—Application, November 7, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Emma L. Verran, owner, to permit in a residence use and also "E" area district the erection and maintenance of a multiple dwelling occupying a greater percentage of the lot than permitted in an "E" area district and, also, erected nearer than ten (10) feet from the building lines, which is contrary to the requirements of the Building Zone Resolution; premises 4204-4308 Atlantic avenue, block front, south side, from Beach 42nd street to Beach 43rd street (Block No. 7041, Lot Nos. 1 and 30), Sea Gate, Brooklyn.

CAL. NO. 116-30-BZ—Application, February 14, 1930; withdrawn June 3, 1930; reopened November 7, 1934 under sections 7c and 21 of the building zone resolution, of William Shary, applicant, on behalf of Samuel Rubin & Son, Inc., owner, to permit in a residence district the alteration and conversion of occupancy of part of basement and first story of an existing apartment house from dwelling to business use (stores); premises 1401 Grand Concourse, southwest corner of East 170th street (Block No. 2842, Lot No. 59), Borough of The Bronx.

CAL. NO. 619-31-BZ—Application of James Kearney, on behalf of Estate of Israel Miller, owner, reopened May 8, 1934, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the Board for a temporary period; premises 148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

CAL. NO. 229-31-BZ—Application of Matthew W. Del Gaudio, on behalf of Enavon Realty Corp. and Navone Bros., Inc., owners, reopened January 15, 1935, under sections 7e and 21 of the building zone resolution, to permit in a garage, extending from an unrestricted into a business district (erected under a variation granted by the board October 22, 1931) the omission of stores and the extension of the garage area with no exit in the business district; premises 18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Manhattan.
HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 5, 1935, 2 P. M.

Appeals from Administrative Orders.

51-34-A—980 Prospect avenue, northeast corner of East 164th street (Block No. 2690, Lot No. 123), The Bronx.

CALENDAR

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.
348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

Petition for Variation.

358-34-S—5208-5216 Third avenue (Block No. 805, Lot No. 45), Brooklyn.

Appliances Submitted for Approval.

13-35-SA—Nairoil Oil Burner, Type R, Model E.
17-35-SA—Toridheet Oil Burner, Model G.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, February 5, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 332-34-BZ—Application, November 26, 1934, under sections 7b, 7c and 21 of the building zone resolution, of Joseph V. O'Leary, applicant, on behalf of Spes Realty Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, FEBRUARY 11, 1935, AT 2 P. M.

Building Zone Cases.

359-34-BZ.
APPLICANT—Kennedy & Ellner, for Dora Ginsberg, owner.
PREMISES—Southeast corner of Kissena boulevard and Cherry avenue (Block No. 5192, Lot No. 34), Flushing, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

305-32-BZ.
APPLICANT—Arthur H. Haaren, for Kesbec, Inc., owner.
PREMISES—North side of Roosevelt avenue, 85 ft. east of 69th street; Northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution, (reopened July 10, 1934),
TO PERMIT in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the Board).

349-34-BZ.
APPLICANT—Christopher C. McGrath, for Blanche Rosenberg, owner.
PREMISES—1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

FEBRUARY 13, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, February 13, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 346-34-BZ—Application, December 7, 1934, under sections 7a and 21 of the building zone resolution, of Samuel Falk, applicant, on behalf of Nation Wide Petrol Corp., owner, to permit in a business district the alteration, extension and maintenance of a gasoline service station; premises 6501-6505 22nd avenue (Bay parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Brooklyn.

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

CAL. NO. 316-34-BZ—Application, November 14, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Annie Carraher, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

CAL. NO. 324-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Barashay and Sugarman, applicants, on behalf of Kayson Lumber Co., Inc., owner, to permit in a business district the inclusion of a saw or planing mill in an existing lumber yard; premises 1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 13, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday afternoon, February 13, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CALENDAR

CAL. NO. 305-33-BZ—Application, September 19, 1933; withdrawn January 30, 1934; reopened September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of William Berg, owner, to permit in a business district the alteration and change of occupancy of an existing building to a gasoline service station; premises 104-106 Fourth avenue, southwest corner of Warren street (Block No. 401, Lot No. 38), Brooklyn.

CAL. NO. 140-34-BZ—Application, May 23, 1934; to permit a gasoline service station; withdrawn July 17, 1934; reopened January 22, 1935, under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Carolernesto Realty Co., Inc., owner, to permit in a business district the alteration and conversion of occupancy of an existing building to an automobile repair shop; premises 3114 Jerome avenue, southeast corner of East 204th street (Block No. 3321, Lot No. 36), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

FEBRUARY 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 290-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Levy and Berger, applicants, on behalf of 291 Greenwich Street Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1611-1619 Eastern boulevard, northwest corner of Morrison avenue (Block No. 3718, Lot No. 1), Borough of The Bronx.

CAL. NO. 460-26-BZ—Application of Thomas W. Lamb, Inc., on behalf of Brooklyn Ridgewood Corp., present owner, reopened September 11, 1934, under sections 7c and 21 of the building zone resolution,

to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre (previously granted by the board, and time to complete building has expired); premises 4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Borough of Brooklyn.

CAL. NO. 335-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Calogero Pisciotta, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1704-1712 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Brooklyn.

CAL. NO. 343-34-BZ—Application, December 5, 1934, under section 21 of the building zone resolution, of Michael Levine, applicant, on behalf of Neslage Realty Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

FEBRUARY 26, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 26, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 292-34-BZ—Application, October 16, 1934, under section 21 of the building zone resolution, of John Palmeri, applicant and owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, JANUARY 22, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the Board held on Tuesday morning, January 15, 1935, and the minutes of the regular meeting of the Board held on Tuesday afternoon, January 15, 1935, were approved as printed in Bulletin No. 4, Vol. XX.

BUILDING ZONE CASES.

332-34-BZ.

APPLICANT—Joseph V. O'Leary, for Spes Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7b, 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Manhattan.

APPEARANCES—

For Applicant: Joseph V. O'Leary, John M. Baker, E. C. Gordon.

For Opposition: Valentine Spillmann, Alexander Muratori, Anthony Gianio, S. M. Rabidan, Oscar Herrmann, Joseph F. Gianio, Adolph Schnurmacher, Vincent Delici.

ACTION OF BOARD—Laid over to February 5, 1935, at 2 p. m., for report of committee on inspection.

305-33-BZ.

APPLICANT—Samuels & Samuels, for William Berg, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of an existing building to a gasoline service station (previously withdrawn; reopened and restored to Calendar September 25, 1934).

PREMISES AFFECTED—104-106 4th avenue, southwest corner of Warren street (Block No. 401, Lot No. 38), Brooklyn.

APPEARANCES—

For Applicant: Archie H. Samuels, Max Siskind.
For Opposition: Chas. P. Pinto, Charles McCann.
For Administration: Benjamin Saltzman for Department of Buildings.

ACTION OF BOARD—Laid over to February 13, 1935, at 2 p. m., for report of committee on inspection.

975-28-BZ.

APPLICANT—Scacchetti & Siegel, for Estate of H. J. Douglas, Inc., present owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be used as a dry cleaning establishment (previously denied for a garage; reopened October 30, 1934).

PREMISES AFFECTED—East side of Bullard avenue, 100.01 feet north of East 240th street (Block No. 5077, Lot Nos. 8, 11 and 14), The Bronx.

APPEARANCES—

For Applicant: Michael J. Villamena, Max Siegel, H. J. Douglas, Jr., Hiram A. Douglas.
For Opposition: Peter J. Hickey, John Rossman, Hilda Brambir, Eric J. Caroe, Winifred Gabbe.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Absent	0

THE RESOLUTION—

(975-28-BZ)

WHEREAS, this application affecting premises, east side of Bullard avenue, 100.01 feet north of East 240th street (Block No. 5077, Lot Nos. 8, 11 and 14), Borough of the Bronx, was filed December 24, 1928, to permit in a residence district the erection and maintenance of a garage for more than five motor vehicles and was denied by the Board June 18, 1929; and

WHEREAS, on application of Scacchetti & Siegel, for Estate of H. J. Douglas, Inc., present owner, this case was reopened October 30, 1934, under section 21, to permit in a residence district the erection and maintenance of a building to be used as a dry cleaning establishment; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Bullard avenue is in a residence and unrestricted district; Bronx boulevard is in a residence district and East 240th street is in an unrestricted, residence and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered October 10, 1934, re N. B. Application 244-1934, reads:

"The proposed erection of a business building to be occupied as a dry cleaning establishment in a residence district is contrary to the provisions of the Building Zone Resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 150 feet on Bullard avenue, 150 feet on Bronx boulevard and a depth of 95 feet. Upon the Bullard avenue front of the plot it is proposed to erect a one-story, non-fireproof structure, having a frontage of 110 feet and a depth of 65 feet; building to be used as a dry cleaning establishment; and

WHEREAS, the site under appeal was the subject of an inspection by a committee of the board, verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, the board deemed that applicant had not substantiated the basis of his applications under section 21 of the building zone resolution.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

218-34-BZ.

APPLICANT—Charles Schwimbersky, for Gustave Bondy, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—103-15 Astoria avenue, northwest corner of Humphreys street (Block No. 1667, Lot No. 8), East Elmhurst, Borough of Queens.

APPEARANCES—

For Applicant: Charles Schwimbersky, Gustave Bondy.

For Opposition: William R. Zimmerman, Elie Debernath, William J. Wallace.

MINUTES

ACTION OF BOARD—Application denied.
THE VOTE FOR GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent:	0

THE RESOLUTION—

(218-34-BZ)

WHEREAS, Charles Schwimbersky, for Gustave Bondy, owner, filed July 25, 1934, an application under the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises, 103-15 Astoria avenue, northwest corner of Humphreys street (Block No. 1667, Lot No. 8), East Elmhurst, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Astoria avenue is in a business district; Humphreys street is in a residence and business district; and 29th avenue is in a residence and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered July 9, 1934, re Alt. App. 4322-34, reads:

"Your application for a permit on the above location has been rejected for the following reasons:

1. Land as shown lies partly within a business and partly within a residence district.

Portion shown hatched on plan filed with this application is shown by Fire Department folder 36312-11 to have thereon a legal gasoline service station by plan No. 1429-1924 of Fire Prevention Bureau of Fire Department. Such hatched portion is being acquired by

the City of New York for the widening of Astoria boulevard. On the land remaining it is proposed to reconstruct the existing gasoline service station. This is contrary to sections 3 and 4-A-45 of the zone resolution. Not further considered."

and

WHEREAS, the premises in question consist of a plot of ground having a frontage of 36.42 feet on Humphreys street, 48.29 feet on Astoria avenue and a distance of 15 feet along the southeasterly lot line. A small part of the north end of the plot is in the residence district. The remainder is in the business district. This plot formed part of a larger plot of ground having a frontage of 166.5 feet on Humphreys street and 168.8 feet on Astoria avenue. Before part of this (larger) plot was taken by the city it was developed with a 5-car garage (facing Humphreys street), 6 one-story frame stores (facing Astoria avenue), the easterly (triangular) portion of the plot was developed with a gas station. It is now proposed to erect on the (small) plot in question a one-story office 10 feet by 20 feet in area, grease pits and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this plot was inspected by a committee of the Board on January 10, 1935; verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, the Board deemed that applicant had not substantiated the basis of his application under section 21 of the building zone resolution, hardship, and that said plot can be used for a conforming use and should be so used, as the size is entirely too inadequate for a gasoline service station.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

Adjourned, 1:45 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, JANUARY 22, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

140-34-BZ.

APPLICANT—Matthew W. Del Gaudio, for Carolernesto Realty Co., Inc., owner.

SUBJECT—Application for reopening—restoration to Calendar—amendment to permit in a business district the alteration and conversion of occupancy of an existing building to an automobile repair shop, under section 21 of the building zone resolution (previously withdrawn for a gasoline service station).

PREMISES AFFECTED—3114 Jerome avenue, southeast corner of East 204th street (Block No. 3321, Lot No. 36), The Bronx.

APPEARANCES—

For Applicant: Matthew W. Del Gaudio.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing February 13, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.....	4
Negative	0
Absent	0

894-28-BZ.

APPLICANT—Samuels & Samuels, for Gustaf Larson, owner.

SUBJECT—Application for reopening—restoration to the Calendar, previously withdrawn—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2702-2712 Foster avenue, southeast corner of Rogers avenue (Block No. 5229, Lot No. 82), Brooklyn.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kid- ney	4
Negative	0
Absent	0

297-34-BZ.

APPLICANT—Jack Fein, for Enmor Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

MINUTES

PREMISES AFFECTED—2705-2715 Nostrand avenue, east side, 360 feet north of Avenue N (Block No. 7666, Lot No. 25), Brooklyn.

APPEARANCES—

For Applicant: James S. Kleinman.

For Opposition: A. A. Haig and Mrs. A. A. Haig.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(297-34-BZ)

WHEREAS, Jack Fein, for Enmor Realty Corporation, owner, filed October 22, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises, 2705-2715 Nostrand avenue, east side, 360 feet north of Avenue N (Block No. 7666, Lot No. 25), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Nostrand avenue is in a business district; East 31st street is in a residence district; Avenue M and Avenue N are both in residence and business districts; and

WHEREAS, the decision of the Commissioner of Buildings, rendered October 9, 1934, re (App. No. 17734-34, reads:

“Proposed gasoline service station to be located in a business use district is contrary to Art. II, Sec. 4a of Zone Resolution.”

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 feet and a depth of 105 feet. Upon the plot there is located a one-story office and auto laundry structure, 30 feet by 22 feet in area and also three grease pits. It is proposed to install at the front portion of the plot the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the Board, which inspection was made and report of same read at this hearing, and which report follows:

Cal. No. 297-34-BZ.

Premises 2705-2715 Nostrand avenue, east side, 360 feet north of Avenue N (Block No. 7666, Lot No. 25), Borough of Brooklyn.

REPORT OF COMMITTEE OF INSPECTION.

Under section 21, this application for a zoning variance is to permit a gasoline service station on the east side of Nostrand avenue, known as Block 7666, Lot 25 and numbered 2705-2715, about midway between Avenues M and N. Along Nostrand avenue for a depth of 100 feet on both sides the area is in a business zone to the rear of which are residence zones. The entire section is well built up within the residence zones and also along Avenues M and N within the business area, but on Nostrand avenue the centre portion of the block is generally vacant except for this plot under appeal which is now occupied by a one-story building in which automobiles are washed and greased and batteries recharged. Nominally such use is conforming, although it has always been a question whether the Board of Estimate and Apportionment in prohibiting by the amendment of June 12, 1925, “gasoline service stations” in business districts did not intend to prohibit motor vehicle service stations, whether gasoline was sold or not. The use of a plot as this one is used for, greasing and washing, changing of tires and battery service, have the same

objections as a similar use where gasoline is sold. It is clearly a defect in the law that permits a use such as this in a business district. In many instances, this Board has been appealed to to permit the sale of gasoline on the ground that all the other elements of a service station are clearly present and to add just one more, the selling of gasoline, means little. What it generally means, as it might in this instance, is to provide an additional source of income, thereby turning an unprofitable venture into a profitable one. To grant a gasoline selling use to the present service station use in the middle of this block will stamp for all time the probable development of this area. As the premises are now used, they are a nuisance to the adjoining owners in the abutting residential area and owners of vacant land along Nostrand avenue are in objection, realizing that the present use and the proposed non-conforming use of selling gasoline will still further depress the value of this entire block frontage, already the subject of foreclosure actions.

A temporary grant carrying with it the agreement that the entire plant would be removed upon expiration of the permit would meet the tenant's and owner's requirements, but, in the opinion of the committee, this should not be entertained unless this is guaranteed so positively that no claim of hardship or vested right can in the future be made to nullify the conditions imposed.

In view of the denials by the Board in Cal. No. 826-25-BZ for a gasoline station at the southeast corner of Nostrand avenue and Avenue N, since occupied for conforming uses and also the more recent denial under Cal. No. 177-31-BZ at the northwest corner of Kings highway and Nostrand avenue and which is now under court review, the committee is of the opinion that this station in the middle of the block should not be granted.

The hardship claimed is, in the opinion of the committee, not continuing. It is very temporary, due to the present depressed real estate conditions and a personal financial hardship on the part of the tenant because of a business venture that has proved unsuccessful, neither of these claims for hardship are, in the opinion of the committee, sufficient to justify variation and denial is recommended.

(Signed) HARRIS H. MURDOCK,
Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application and the Board deemed that applicant had not substantiated the basis of his application under section 21 of the building zone resolution, hardship, for the granting of a permanent variation under said section.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*, without prejudice to an application for reopening to permit a variation for a temporary period under the condition stated in the report of the committee of inspection.

281-34-BZ.

APPLICANT—John M. Baker, for Astoria Riker Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Astoria boulevard and (proposed) 77th street (Block No. 1030, part of Lot No. 40), Jackson Heights, Queens.

MINUTES

APPEARANCES—

For Applicant: John M. Baker.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(281-34-BZ)

WHEREAS, John M. Baker, for Astoria Riker Corporation, owner, filed October 4, 1934, an application under the building zone resolution to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises, southeast corner of Astoria boulevard and (proposed) 77th street (Block No. 1030, part of Lot No. 40), Jackson Heights, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Astoria boulevard (Grand Central Parkway) is in business and residence districts; 77th and 78th streets are both in residence and business districts; and

WHEREAS, the decision of the Commissioner of Buildings, rendered September 14, 1934 (re N. B. 1656-1934), reads:

"The erection of a gasoline service station in a business district is contrary to the zone law."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 106 feet on Astoria boulevard (Grand Central Parkway), 123 feet on 77th street and a distance of 100 feet along the south lot line. A small triangularly shaped part of the southwest corner of the plot is in the residence (formerly unrestricted) district and the remainder of the plot is in the business district. Proposes to erect on the plot a one-story office, 20 feet by 20 feet in area, grease pits and the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the property in question was the subject of an inspection by a committee of the Board, which inspection was made and report read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION,

Cal. No. 281-34-BZ.

Premises southeast corner Astoria boulevard and (proposed) 77th street, Jackson Heights, Queens.

This is an application for a zoning variance under section 21 to permit a gasoline service station on the southerly side of Astoria boulevard at the southeast corner of proposed 77th street, Queens, in an area zoned for business use, but encroaching slightly into the adjoining residential area which was formerly unrestricted, but which was changed to residence use by the Board of Estimate and Apportionment in December, 1934. The site is directly across from the extension to Grand Central Parkway and the width of the boulevard as widened at this point varies from 300 feet to 450 feet. The widening is now in process and considerable property in the immediate vicinity in the ownership of this same owner has been taken for this improvement. There is an existing gasoline station operated by a tenant on property owned by this same corporation, the Astoria Riker Corporation, directly at the rear of this site under appeal, which station was constructed some years ago when the area was zoned for unrestricted use. To reach Astoria boulevard, however, because of 77th street

not being opened and because direct access to Astoria boulevard was greatly to be desired, the business area between the gasoline station and Astoria boulevard has not only been traversed through roadways but signs advertising sale of gasoline have been erected thereon and within the last few months, apparently without any attempt to obtain approval from the City, gasoline pumps have been erected within this business area and the plot now under appeal illegally occupied as a gasoline selling station. This condition was noted by a committee of the Board when making inspection on January 3, 1935. The attorney for the Astoria Riker Corporation claims they were unaware of this illegal condition and have submitted evidence that they have used legal means to dispossess this tenant and have ordered the encroaching pumps removed.

The Department of Buildings and the Bureau of Combustibles both state that no permit has been issued for use of the business area as a gasoline station and violations have been issued by both departments as well as a revocation of the present permit.

There have been no consents or objections filed largely due, perhaps, to the fact that so much of this area is owned by the same owner who desires this zoning variance, but the Commissioner of Parks has called attention to the importance of this improvement and the large plaza upon which this plot faces and urges that the application be denied.

There has been no hardship shown to justify the Board exercising its discretion to grant this variance. In fact it is too soon while this great improvement is under way to attempt to influence the development of this area by introducing non-conforming uses and thereby predetermine the character of this boulevard particularly at this point where what will be one of the finest and most spacious plazas in the City is in the making. The committee recommends denial.

(Signed) H. H. MURDOCK, Chairman,
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of the application and the Board deemed that applicant had failed to substantiate his basis of appeal under section 21, hardship.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is affirmed, and that the application be and it hereby is denied.

500-28-BZ.

APPLICANT—William Shary, for Charles Zenker, present owner.

SUBJECT—Application (decision of the commissioner of buildings), under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2801-2819 Bailey avenue, northwest corner of West Kingsbridge road (Block No. 3264, Lot No. 30), Borough of The Bronx.

APPEARANCES—

For Applicant: William Shary, Samuel J. Resnick, Charles Zenker.

For Opposition: Sidney Spechler, Earl I. Gallant.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

MINUTES

THE RESOLUTION—

(500-28-BZ)

WHEREAS, this application affecting premises 2801-2819 Bailey avenue, northwest corner of West Kingsbridge road (Block No. 3264, Lot No. 30), Borough of The Bronx, to permit in a business use district the erection and maintenance of a garage for the storage of more than five motor vehicles was granted by the Board May 14, 1929, but was never erected; and

WHEREAS, William Shary, for Charles Zenker, present owner, requested a reopening of this application to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; and the case was reopened by way of the Board October 20, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, January 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Bailey avenue is business; Exterior street is unrestricted; Kingsbridge road is business and unrestricted and West 225th street is business and unrestricted; and

WHEREAS, the decision of the Commissioner of Buildings, rendered August 21, 1934, re N. B. 192-1934, reads:

"1. Erection of building and occupancy of premises on plot partly in business district and partly in unrestricted district to be used as a gasoline service station is contrary to provisions of Building Zone Resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 205 feet on Bailey avenue, 125 feet on Kingsbridge road and a distance of approximately 155 feet along the north lot line. The west portion of the plot extends into the unrestricted district for a distance of approximately 25 feet. It is proposed to erect on the plot a one-story structure 25 feet by 100 feet in area to be used as office, grease pits, etc., and also to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the Board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution, hardship, and, therefore, was entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21, permitting the plot under appeal to be used as a gasoline service station, to be laid out in accordance with plans filed marked "received January 21, 1935," on condition that there shall be a retaining wall as indicated constructed on the westerly side of the property near the right-of-way of the New York and Putnam Railroad and that the entire plot shall be leveled approximately to the grade of Bailey avenue and West Kingsbridge road; that the accessory building shall be located toward the center of the plot, as shown on said plans; that on all sides this accessory building shall be constructed of face brick with stone or terra cotta trimmings; that this accessory building shall consist of sections for greasing and office; that this accessory building shall not exceed one-story in height and shall be constructed of fireproof materials, except that the roof beams, roof boarding, doors and windows may be of wood, provided the roof is surfaced with non-inflammable weather surfacing and the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals; that the front of the greasing rack section shall remain open, unless mechanical ventilation is furnished and operated at all times while the pits are in operation, exhausting air from the pits to and above the roof; that there shall be constructed along

the building line, curbed areas not less than 5 feet in width, as indicated, and that planting with shrubbery shall be maintained within these areas at all times; that openings to Bailey avenue shall not exceed three and to West Kingsbridge road shall not exceed two, as shown on plans filed, marked "received January 21, 1935," with no opening nearer than 10 feet on West Kingsbridge road and 16 feet on Bailey avenue to the corner formed by the intersection of these two streets; that opposite these openings curb cuts may be permitted of the widths indicated thereon; that gasoline pumps installed shall be located not nearer than 20 feet to the street building line of either street; that there shall be constructed along the interior property line to the north a heavy woven wire fence, not less than 6 feet in height and there shall be maintained along this fence a hedge of privet or other equivalent shrubbery; that the plot shall be paved with concrete or asphalt, as indicated, from street lines to the accessory building and the balance of the plot shall be surfaced with concrete or asphalt or with crushed blue stone bound with Tarvia or other equivalent binder; that there shall be no excavation under the accessory building except the pits for the greasing racks; that illumination shall be by means of light standards with reflectors arranged to shine downwardly; that advertising shall be limited to the illuminated globes of the gasoline pumps and a permanent flat sign on the front of the accessory building, excluding other signs of a temporary nature, except that there may be erected on the property near the building line at the northerly end and westerly end and near the intersection of West Kingsbridge road and Bailey avenue, all where indicated, standards with an electric illuminated sign and flood lights on each; that there shall be no automobile repairing carried on on these premises; that there shall be no portable gasoline pumps used on or from the property; that the rear of the property may be used for parking of cars; that all permits shall be obtained within six months and all work completed within one year from the date of this action.

2362-17-BZ.

APPLICANT—Charles P. Cannella, for Annenberg Realty Co., owner.

SUBJECT—Application for reopening under section 21 of the building zone resolution, for an amendment to permit in a business district the inclusion of a motor vehicle repair shop and a gasoline service station in an existing public garage (said garage previously granted by the Board under section 7g of the building zone resolution).

PREMISES AFFECTED—169-171 Central avenue (Block No. 3218, Lot No. 5), Brooklyn.

APPEARANCES—

For Applicant: Charles P. Cannella.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(2362-17-BZ)

WHEREAS, this application affecting premises 169-171 Central avenue (Block No. 3218, Lot No. 5), Borough of Brooklyn, was granted by the Board March 5, 1918, permitting the erection of a garage for the storage of more than five motor vehicles; and

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WHEREAS, the applicant requested a reopening of the case and an amendment of the resolution to permit repairs to motor vehicles and the case was reopened by vote of the Board.

Resolved, that the resolution adopted by the Board on March 5, 1918, be and it hereby is *amended*, by adding thereto the following:

"That automobile repairing may be carried on within this building, provided such repairing is of an incidental nature, requiring only the use of hand tools and machinery driven by motors not greater than ½ h.p. each; that there shall be no forges or acetylene torches or other open flames used on the premises; that other than as amended herein, the resolution adopted March 5, 1918, shall be complied with."

202-30-BZ.

APPLICANT—Irving F. White, for Porter Holding Corp., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—220-06 Northern boulevard, southeast corner of 220th street (Block No. 3213, part of Lot No. 1), Bayside, Borough of Queens.

APPEARANCES—

Applicant: R. E. FitzGibbons.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(202-30-BZ)

WHEREAS, this application affecting premises 220-06 Northern boulevard, southeast corner of 220th street (Block No. 3213, part of Lot No. 1), Bayside, Borough of Queens, was granted by the Board July 5, 1933, and the resolution amended May 8, 1934, on certain conditions and owner, through his attorney, requested a further amendment.

Resolved, that the resolution adopted by the Board on May 8, 1934, be and it hereby is *amended*, only so far as it has reference to signs, so that as amended, this portion of the resolution will read:

"That any signs shall be limited to the illuminated globes of the gasoline pumps and to a post standard with illuminated Neon sign erected within the building line of Northern boulevard, near the northerly interior lot line and excluding all other signs and signs of a temporary nature; that other than as amended herein, the resolution adopted May 8, 1934, shall be complied with."

321-30-BZ.

APPLICANT—Kennedy and Ellner, for Summerville Realty Co., Inc., present owner.

SUBJECT—Application for reopening—extension of time to complete work—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Union turnpike and Parsons boulevard (Block No. 2434, part of Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Clarence Leventhal.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(321-30-BZ)

WHEREAS, this application affecting premises northwest corner of Union Turnpike and Parsons boulevard (Block 2434, part of Lot No. 1), Jamaica, Borough of Queens, was granted by the board January 30, 1934, on certain conditions time extended July 17, 1934, and applicant requests a further extension of time.

Resolved, that the resolution adopted by the board on January 30, 1934, be and it hereby is *amended*, extending the period of time within which to obtain permits, six months, and the time for the completion of work, one year, from the date of this amended resolution, *on condition* that other than as amended herein, the resolution adopted January 30, 1934, shall be complied with in all other respects.

592-24-BZ.

APPLICANT—Harry L. Alper, for Fannie Blumberg, present owner.

SUBJECT—Application for reopening and further amendment of the resolution of an application under Section 21 of the Building Zone Resolution, granted by the Board for a garage for more than five (5) motor vehicles and amended by the Board November 27, 1934, to include a gasoline service station.

PREMISES AFFECTED—240-250 Empire boulevard, southwest corner of Rogers avenue (Block No. 1314, Lot No. 44), Borough of Brooklyn.

APPEARANCES—

For Applicant: Simon N. Alderman.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(592-24-BZ)

WHEREAS, this application affecting premises 240-50 Empire boulevard, southwest corner of Rogers avenue (Block No. 1314, Lot No. 44), Borough of Brooklyn, was granted by the board February 10, 1925, and change of occupancy granted November 27, 1934, and applicant requests an amendment of the resolution.

Resolved, that the resolution adopted by the board on November 27, 1934, be and it hereby is *amended*, so that as amended it will read as follows:

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"That in the event that the owner desires to alter this building so as to construct a gasoline service alcove on the Empire boulevard frontage, that this may be permitted *on condition* that the front wall and roof of the building for a distance to the south of approximately 19 ft. shall be entirely removed and a new masonry wall faced with face brick be constructed parallel to Empire boulevard at a point southerly therefrom approximately 19 ft. and continuously for the full width of the frontage on Empire boulevard; that this wall shall be constructed on suitable footings below grade up to the underneath side of the existing roof; that suitable cornice shall be constructed with roof parapet; that all window openings in this wall shall be equipped with fireproof frames and sash glazed with wire glass; that the doors from this alcove to the garage shall not exceed three, two to the garage proper and one to the garage office, as indicated on revised plans filed marked 'received January 16, 1935'; that the wall on the interior lot line to the west shall remain for the full height out to the building line and shall be suitably coped where the roof is removed; that the wall on the Rogers avenue building line shall be maintained out to the edge of the present splay doorway for a distance of approximately 12 ft. and that this wall shall also be suitably coped where the roof is removed; that in the event that the owner desires to remove a portion of this Rogers avenue wall, such wall may be removed from a point 5 ft. up from the sidewalk to the present roof line on condition that this wall shall be continuous and without openings therein for the full length of approximately 12 ft. and for the full height of 5 ft. and that it shall be suitably coped; that there shall be no open excavation under this gasoline service alcove except for boiler room near the corner of Rogers avenue and Empire boulevard, such boiler room to be separated from the balance of the building by fireproof construction and enterable only from the exterior of the building on Rogers avenue; that such additional gasoline tanks as are installed shall be below the level of this boiler room floor, or if not below such floor at least 30 ft. away from any boiler room wall; that gasoline pumps erected shall be not nearer than 10 ft. to the building line, nor 8 ft. from the proposed new fireproof wall; that if grease pits are constructed at the westerly end, where indicated, there shall be a wall erected on the Empire boulevard building frontage for the full height of the building and for the full length of the grease pits; that in the event such grease pits are installed, there may be a roof over same, provided the ceiling is fire-retarded in accordance with the rules of the Board of Standards and Appeals; that any openings in this wall screening greasing pits, opening upon Empire boulevard shall have fireproof frames and sash; that all advertising shall be limited to the illuminated globes of the gasoline pumps and to a permanent flat sign attached to the building, excluding all roof signs and signs of a temporary nature; that there shall be no portable gasoline pumps used on or from the property; that no gasoline pumps shall be maintained within the interior garage area; that all permits (for this gasoline selling alcove) shall be obtained within three months and all work connected therewith completed within one year from the date of this amended resolution; that other than as amended herein, the resolution adopted by the board on November 27, 1934, shall be complied with in all respects.

130-33-BZ.
 APPLICANT—Edgar J. Moeller, for H. Hermann & Sons, owner.
 SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—401 East 60th street and 1102-1106 First avenue, northeast corner (Block No. 1455, Lot Nos. 1, 2 and 3), Manhattan.

APPEARANCES—
 For Applicant: Edgar J. Moeller and Louis Berkowitz.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—
 Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
 Negative 0
 Absent 0

THE VOTE TO AMEND—
 Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
 Negative 0
 Absent 0

THE RESOLUTION—
 (130-33-BZ)

WHEREAS, this application affecting premises 401 East 60th street and 1102-1106 First avenue, northeast corner (Block No. 1455, Lot Nos. 1, 2 and 3), Borough of Manhattan, was granted by the board July 5, 1933, on certain conditions, time to obtain permits extended from time to time and applicant requests an amendment of the resolution.

Resolved, that the resolution adopted by the board on July 5, 1933, be and it hereby is *amended*, so that as *amended* it will read as follows:

"*Resolved*, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it here is *granted on condition* that the entire plot under appeal shall be cleared of the existing buildings; that the accessory buildings shall be erected against the northerly and easterly lines of the plot, substantially as indicated on revised plans filed, marked 'received January 17, 1935'; that these accessory buildings shall be constructed of fireproof materials, except that the roof beams, roof boarding, windows and doors may be of wood, provided the roof weather surfacing is of incombustible materials and the ceilings throughout fire-retarded in accordance with the rules of the Board of Standards and Appeals; that these buildings shall not exceed one-story in height; that along the interior lot lines where not covered by walls of accessory buildings, there shall be constructed a brick wall not less than 8 ft. in height out to the building lines; that these accessory buildings and walls shall be constructed of face brick or common brick stuccoed, with stone or terra cotta trimmings; that the balance of the plot where not occupied by accessory buildings shall be cement paved; that there shall be constructed along the street building line of First avenue and East 60th street a reinforced concrete curb not less than 12 inches in width and not less than 5 in. in height with rounded top, constructed integral with the cement paving; that there shall be not over two openings in this curb to First avenue and not over two openings to East 60th street of the widths indicated on plans filed, marked 'received January 17, 1935,' and that approximately opposite these openings there may be curb cuts of the widths thereon indicated; that no part of any openings shall be nearer to the corner formed by the intersection of East 60th street and First avenue than 5 ft. nor nearer than 5 ft. to either interior lot line; that gasoline pumps erected on the premises shall be not nearer than 10 ft. to either street building line nor any part of the accessory building; that there shall be no portable gasoline pumps used on or from the property; that there shall be no open flame permitted or any repairing of automobiles; that advertising signs shall be limited to the illuminated globes of

MINUTES

the gasoline pumps and to a post standard erected within the building lines near the intersection of First avenue and East 60th street with an illuminated electric sign thereon and to flat wall signs erected against the front walls of the accessory buildings; that there shall be no excavation under the accessory buildings except for the greasing pits; that the greasing pit section shall have open doors except that doors may be permitted provided the greasing pits are ventilated by mechanical exhaust fan and duct up through the roof or to the outer air near the roof line, or unless hydraulic greasing lifts requiring no pits, are installed; that all permits shall be obtained within six months and all work completed within one year from the date of this amended resolution.

APPEALS FROM ADMINISTRATIVE ORDERS

341-34-A.

APPELLANT—Martin J. Ort, for Reisel Betman, owner.
SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: Assistant Engineer Benjamin Saltzman of department of buildings.

ACTION OF BOARD—Laid over to January 29, 1935, at 2 p. m., upon written request of appellant.

347-34-A.

APPELLANT—Lee D. Miller, Deputy Commissioner, for Department of Hospitals, City of New York, owner.
SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Main building, Neponsit Beach Hospital, Beach 149th street and Ocean promenade (Block No. 810, Lot No. 1), Neponsit, Borough of Queens.

APPEARANCES—

For Appellant: Frederick J. Lemke.

For Administration: None.

ACTION OF BOARD—Laid over to January 29, 1935, at 2 p. m., for appellant to furnish further information.

257-34-A.

APPELLANT—Kohler Co., for Howe and Lescase, owner.
SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

APPEARANCES—

For Appellant: Kenneth Hasselbrink.

For Administration: None.

ACTION OF BOARD—Laid over to January 29, 1935, at 2 p. m., for examination of new plans submitted.

232-34-A.

APPELLANT—Lease Bros. Coachcraft, Inc., for William Buchanan, owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—1589 Atlantic avenue, northeast corner of Troy avenue (Block No. 1706, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: Charles E. Bernstein.

For Administration: None.

ACTION OF BOARD—Appeal withdrawn to comply.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney

Negative

Absent

38-32-A.

APPELLANT—Robert Dreyfuss, for Cushman's Sons, Inc., owner.

SUBJECT—Application for reopening—amendment—re Appeal from an order of the fire commissioner.

PREMISES AFFECTED—517 West 59th street (Block No. 1151, Lot No. 21), Manhattan.

APPEARANCES—

For Appellant: Robert Dreyfuss.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney

Negative

Absent

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney

Negative

Absent

THE RESOLUTION—

(38-32-A)

WHEREAS, this appeal affecting premises 517 West 59th street (Block No. 1151, Lot No. 21), Borough of Manhattan, was granted by the board July 19, 1932, on certain conditions and appellant requested an amendment of the resolution and the board amended the preamble thereto as follows:

"WHEREAS, the appellant claims the refrigerating plant was installed in 1912; that it is of indirect method (except for two water tanks on the 6th story, cooled by direct method), using not more than 500 pounds of ammonia; the machinery rooms are located on the fourth story, with ammonia pipe lines extending down the elevator shaft and to refrigerators on the second, third and fourth stories; there are two elevators serving the fourth story; to comply strictly with the law it would be necessary to construct a vestibule in front of each elevator, remove ammonia pipes from elevator shaft and install approved safety doors for elevator shaft, in lieu of which the appellant proposes to remove ammonia pipe lines from elevator shaft, install new elevator doors in accordance with requirements of elevator rules, provide low pressure valve and relief valve on low and high pressure side, provide a direct discharge from the plant to the outer air or provide a tank of water for absorption of ammonia discharge from the safety valves; furthermore, the appellant contends the original refrigerating plant was installed in accordance with all requirements of law in force at the time of installation; the building is provided with adequate means of exit; that the owner would suffer an unnecessary hardship if compelled to comply strictly with the requirements of the law; and

"WHEREAS, the present plant has been in operation since 1917 under permits from the fire department up to and including 1931."

Resolved, that the resolution adopted by the board on July 19, 1932, be and it hereby is *amended*, so that as amended this resolution will read as follows:

"*Resolved*, that the order of the fire commissioner No. 69435-LC, be and it hereby is *modified* and that the appeal be and it hereby is *granted on condition* that all refrigerating machinery shall be confined to that now on the premises, permitting any necessary repairs, and confined to these existing limits on the several stories; that the ammonia lines now located in the elevator shafts shall be located outside of the building, and granted only so long as the premises remain in the present single tenancy and used as a bake shop, and that the refrigerating system shall comply with all regulations in all other respects."

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APPLIANCES SUBMITTED FOR APPROVAL.

183-34-SA.

PETITIONER—A. G. Zibell, for Kohler Co., owner.

SUBJECT—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet, approval of.

APPEARANCES—

For Petitioner: Kenneth Hasselbrink.

ACTION OF BOARD—Laid over to January 29, 1935, at 2 p. m., for further consideration.

364-34-SA.

PETITIONER—Wm. V. McDevit, for Motor Wheel Corp., owner.

SUBJECT—M. W. Oil Burning Range, Commercial—Models 152 and 251 and Domestic—Models 101G and 126B, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to engineer of the board and bureau of combustibles, fire department, for test and report.

365-34-SA.

PETITIONER—Wm. V. McDevit, for Motor Wheel Corp., owner.

SUBJECT—M. W. Water Heater, Model 20-D, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to engineer of the board and bureau of combustibles, fire department, for test and report.

366-34-SA.

PETITIONER—Wm. V. McDevit, for Motor Wheel Corp., owner.

SUBJECT—M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to engineer of the board and bureau of combustibles, fire department, for test and report.

367-34-SA.

PETITIONER—Wm. V. McDevit, for Motor Wheel Corp., owner.

SUBJECT—M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on Reserve Calendar; referred to engineer of the board and bureau of combustibles, fire department, for test and report.

368-34-SA.

PETITIONER—Wm. G. Winsor, Jr., for Rhode Island Welding Company, owner.

SUBJECT—Ray-Dio Sunshine Oil Burner, approval of.

APPEARANCES—

For Petitioner: William G. Winsor, Jr., and C. F. Hovey.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to engineer of the board and bureau of combustibles, fire department, for test and report.

136-34-SA.

PETITIONER—John C. Korth, for Carter-Korth Oil Burner Corp., owner.

SUBJECT—Korth Oil Burner, Model G, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with the report of the engineer of the board and bureau of combustibles, fire department.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative: 0

Absent: 0

THE RESOLUTION—

(136-34-SA)

WHEREAS, John C. Korth, for Carter-Korth Oil Burner Corp., owner, filed May 21, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Korth Oil Burner, Model G; and

WHEREAS, this device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the mechanical draft pressure atomizing gun type, and consists of the following parts: A General Electric transformer and General Electric motor 1/6 horsepower; a Tuthill pump; a Detroit lubricator valve and strainer. The fan is of the Sirrocco type, manufactured by the Champion Blower Company. The nozzle used is manufactured by the Baloffet Diamond Wire Die Company. Controls—a Mercoid Pyrotherm Model KM-1, located in the stack and the Mercoid limit control for the steam pressure.

With a cold combustion chamber and the oil supply shut off the burner was operated and on two successive tests, the controls shut down the burner in 60 seconds, and 63 seconds, respectively. The oil supply was then turned on, and the burner put into operation and observed for about 20 minutes. During the period of the test there was no puff backs due to faulty ignition, and the flame was observed to be free of soot and smoke. Examination of the combustion chamber showed no undue carbon formation.

It is therefore recommended that the Korth Oil Burner, Model G, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals, be approved for domestic, commercial and industrial use, with fuel oil not heavier than No. 3. The device has been approved by the underwriters laboratories.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Korth Oil Burner, Model G, for domestic, commercial and industrial use, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and used with fuel oil not heavier than No. 3. This device must bear a label of the decalomania type or a metal label reading as follows:

NOTICE

APPROVED BY THE

BOARD OF STANDARDS AND APPEALS

For Use in New York City

Under Cal. No. 136-34-SA

270-34-SA.

PETITIONER—Zenith Oil Burner Co., owner.

SUBJECT—Zenith Oil Burner, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with the report of the engineer of the board and bureau of combustibles, fire department.

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THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative: 0
Absent: 0

THE RESOLUTION—

(270-34-SA)

WHEREAS, Zenith Oil Burner Co., owner, filed September 25, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Zenith Oil Burner; and

WHEREAS, this device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the mechanical draft pot type and consists of the following parts: A vaporizer of cast iron $\frac{1}{2}$ in. thick and $3\frac{3}{4}$ in. high, having a diameter of from 6 to 12 inches, depending upon the size of the boiler or heater into which it is to be installed. It has a set of $\frac{1}{8}$ in. holes set through the bottom of the casting and leading into a special trough, wherein the fuel oil flows by gravity. An air passage is provided leading through the casting and conveying the air thereto, with an overhead air director which deflects the air into the vaporizer where it mixes with the oil gases.

Air is supplied by means of a blower and a $1/25$ horsepower Heinze motor. The oil supply is kept at a constant level in a vaporizing bowl by means of a Detroit lubricator safety float valve, Model No. CRC-234. Between the safety float and the vaporizing bowl there is located in the oil supply line a Detroit lubricator solenoid valve. The motor and thermostat pressuretrol and solenoid are connected in a series so that when the remote control switch is turned off the burner is completely shut down. The boiler was equipped with a Minneapolis Honeywell pressuretrol. Ignition, a fixed flame gas pilot light.

We put the burner into operation and made a series of tests on the control and found that at all times they functioned as designed. The burner operated with a clean flame and examination of the combustion chamber showed no carbon deposits.

As the result of this inspection it is recommended that the Zenith Oil Burner be approved for domestic and commercial uses, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Zenith Oil Burner for domestic and commercial uses, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and used with fuel oil not heavier than No. 3. This device must bear a label of the decalcomania type or a metal label reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 270-34-SA

275-34-SA.

PETITIONER—Vapomatic Oil Burner Co., Inc., owner.

SUBJECT—Vapomatic Oil Burner, approval of.

APPEARANCES—

For Petitioner: Sidney Fingerman.

ACTION OF BOARD—Appliance approved in accordance with report of the engineer of the board and bureau of combustibles, fire department.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative: 0
Absent: 0

THE RESOLUTION—

(275-34-SA)

WHEREAS, Vapomatic Oil Burner Co., Inc., owner, filed September 26, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Vapomatic Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

A burner unit; stainless steel generator tube; a General Electric $1/6$ horsepower motor; a Viking pump; Monarch strainer; Monarch regulating and cut-off valve, and a Mason steam pressure regulating valve.

Controls: Minneapolis Honeywell stack control, Model 48-MR.

The burner unit consists of a circular iron casting perforated with holes on the top, which holes are fitted with lava burner tips. Suspended upon the burner casting is a long U-shaped generator tube which is connected directly to the oil supply line and is used for vaporizing the oil. Connected to the burner by rigid iron piping is a gas connection and cock. When the burner is started, the gas is ignited and when the heat in the stack is raised sufficiently high the motor is started and the pump is operated supplying the oil to the burner.

The gas is then shut off and the burner works automatically. When the steam pressure reaches a certain prescribed limit, namely 60 pounds, the Mason pressure regulating valve operates and decreases the supply of oil to the burner. The burner then operates on a low flame until the pressure has fallen to 45 pounds, when the regulating valve then permits a full flow of oil to the burner.

The stack control is so timed that if a break in the line occurs, it will shut the burner down within 30 to 90 seconds after the break occurs. The operation of the stack control was tested twice by disconnecting the oil supply line at the shut off valve between the discharge side of the pump and the burner.

On both occasions, the burner was shut down in 50 and 55 seconds respectively. The quantity of oil leaking from the break in the line on both occasions measured approximately one pint. The floor beneath the burner was protected by sheet metal extending beyond the horizontal outline of the burner.

As a result of this inspection and test, we recommend the approval of this burner, provided it is installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals with the following conditions:

That the burner nozzle tip be so constructed of materials sufficiently tough so that the orifice cannot be enlarged by the operations of the oil flow control handle. That the face of this nozzle be not less than $1/16$ of an inch thick; that the lower portion of the boiler be so constructed that flame can not escape and that these conditions and requirements of the oil burner be supplemented by certain additional requirements.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Vapomatic Oil Burner, for commercial and industrial installations for use with range oil or fuel oil not heavier than No. 3, on condition that this device shall be installed in accordance with

MINUTES

the Oil Burner Rules of the Board of Standards and Appeals, as modified and supplemented by the following conditions:

1. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floor or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
2. That the stand supporting the burner in the fire box of the boiler shall be securely bolted to the bottom thereof.
3. The oil supply container and pump to be mounted on a common base shall be firmly anchored to the floor and at a distance of at least 60 in. from the boiler in which the device is installed.
4. Only approved safety cans shall be used for the storage and filling of oil containers.
5. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the boiler in which the device is installed.
6. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS

For Use in New York City.

UNDER CAL. NO. 275-34-SA.

Only an Approved Safety Can Shall Be Used in
Filling This Storage Container.

7. That the tank shall be set rigidly in a cup shaped base receptacle of sufficient capacity to contain $\frac{1}{3}$ the contents of the tank in case of leakage.

8. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft or the device may be connected to the outer air.
 9. That the boiler from the top thereof to the floor line shall be protected with a jacket 1 in. in thickness of either air-cell asbestos or 85 per cent. magnesia, except than an operating opening may be left open at the base not exceeding 50 sq. in. in area, said jacket to be secured by wire to the boiler and completely covered with sheet metal or with hard cement surface; and that other than as herein amended the resolution adopted by the board on November 7, 1934, shall be complied with in all respects.
 10. The storage of oil shall be limited to not more than 2 five gallon safety cans in reserve unless the installation is made in complete conformity with the oil burner rules.
 11. That the burner nozzle tip be so constructed of material sufficiently tough so that the orifice cannot be enlarged by the operation of the oil flow control handle; that the face of this nozzle be not less than $\frac{1}{16}$ th of an inch thick; and that the lower portion of the boiler be so constructed that flame cannot escape from the sides.
- The board reserves the right to add additional requirements if and when such additional requirements are deemed necessary.

Adjourned, 4.40 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Monroe Oil Pump	658-26-SA
Beach Russ Co. Rotary	1134-22-SA	Northern Rotary	1396-24-SA
Blackmer Rotary	935-24-SA	Pascoe Pump Set	1029-26-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Centurv Rotary	908-21-SA	Quiet May Gerotor Pump	267-32-SA
Cook Electric Oil Pump	603-25-SA	Quimby Screw Pump	1193-21-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Auto Heat Oil Burner.....	284-33-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morse Fuel Oil Burner.....	820-23-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Automatic Oil Burner.....	1363-23-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Nichols-McCann-Harrison Burners	255-31-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	North American Low Pressure Oil Burner....	792-26-SA
Berggren Oil Burner.....	764-26-SA	Oilbilt Burner	85-33-SA
Best Calorex Burner.....	1464-21-SA	Oronoke Oil Burner.....	394-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Packard Fuel Oil Burner.....	77-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Paramount Oil Burner, Model A.....	617-30-SA
Brighton Oil Burner.....	372-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Burnwell Mechanical Burner.....	957-22-SA	Petro Model W Oil Burner.....	452-31-SA
Caloroil Burner, Type AA.....	1361-24-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Coen Mechanical Oil Burner	942-21-SA	Presto Automatic Oil Burner.....	294-34-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
D'Elia Oil Burner.....	155-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
DeWalt Oil Burner.....	541-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Doe Oil Burner.....	317-31-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rockwell Fuel Oil Burner	341-21-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Fess Turbine Burner and Airoil Fan and Pump Set	26-22-SA	S. K. Oil Burner, Model F.....	369-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Gem Fuel Oil Burner.....	111-26-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Standardvne Oil Burner.....	34-34-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Steam Oil Burner.....	183-22-SA
Ghapco Steam Generator.....	348-31-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Sun Heat Oil Burner.....	603-29-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sunway Oil Burner.....	624-30-SA
Grant Oil Burner, Model "C".....	232-32-SA	Surface Combustion Low Pressure Burner....	92-23-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Harris Fuel Oil Burner.....	690-30-SA	Timken Rotary Oil Burner.....	297-29-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Havward Oil Burner.....	696-30-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Burner (pump type).....	94-32-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Vapofier Oil Burner.....	184-34-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Vapomatic Oil Burner	275-34-SA
Korth Oil Burner, Model G.	136-34-SA	Vaporoil Burner	44-32-SA
Kreager Oil Burner.....	367-30-SA	Warner Oil Burner, Model A.....	16-34-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Wheco Oil Burner.....	108-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Liberty Automatic Heater.....	129-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
Leintz Oil Burner.....	155-20-SA		
Loneragan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
Mav Oil Burner.....	68-24-SA		
Midget Oil Burner.....	155-34-SA		
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
- 443-26-SA—American Anti-Syphon Valve.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 32-31-SA—Ray-Dio Sunshine Range Oil Burner.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 126-33-SA—Tower Range Oil Burner.
- 162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 349-33-SA—Herco Oil Burner.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.
- 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
- 125-34-SA—American Oil Burner.
- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).
- 156-34-SA—Allen's Siamese Connections for Fire Department use.

- 165-34-SA—Rose Oil Heater.
- 183-34-SA—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet.
- 203-34-SA—King Oil Burner.
- 205-34-SA—Automatic Firetox Extinguisher.
- 208-34-SA—Globe Oil Burner Pump.
- 221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).
- 224-34-SA—Progressive Press Machine Oil Burner.
- 234-34-SA—Bland Range Oil Burner.
- 256-34-SA—"Standard" One-Piece Closet Combination.
- 274-34-SA—B. & H. Radiant Stove Oil Burner.
- 291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 302-34-SA—Loyalty Range Burner.
- 311-34-SA—Euvr-Ready Range Oil Burner, Models Leader, Standard, De Luxe and W-1.
- 313-34-SA—General Electric Oil Screen Valve (Anti-Syphon Type), Model CR-7860-E1A.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 329-34-SA—Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.
- 339-34-SA—Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115 and Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623.
- 345-34-SA—Micron Oil Burner.
- 351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.
- 354-34-SA—Kres-Kno Pressing Machine Burner, Model MD.
- 355-34-SA—Kres-Kno Range Oil Burner, Model MD.
- 356-34-SA—Hypresure Jenny (Spray Cleaning Unit), Models D and F.
- 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
- 360-34-SA—National Oil Burner, Model E-J.
- 361-34-SA—National Range Oil Burner.
- 364-34-SA—M. W. Oil Burning Range, Commercial Models 152 and 251 Domestic Models 101G and 126B.
- 365-34-SA—M. W. Water Heater, Model 20-D.
- 366-34-SA—M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801.
- 367-34-SA—M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450.
- 368-34-SA—Ray-Dio Sunshine Oil Burner.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

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Requests to amend	36
Requests for modification	0
Requests to rescind	0
Requests for extension of time	4
Requests for extension permit	0
Requests for mechanical installations	0
Requests for approval of plans	1
Administrative requests	0
Requests for interpretation	0
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Disposed of	116
Cases pending January 23, 1935	158

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Dismissed	2
Denied	5
Granted	0
Granted on condition	12
Appliances approved	8
Appliances dismissed, disapproved or withdrawn ...	1
Rules approved	0
Rules disapproved, rescinded or withdrawn	0

MISCELLANEOUS ACTIONS.	
Requests to reopen granted	45
Requests to reopen denied	0
Requests to amend granted	36
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	0
Requests to rescind denied	0
Requests for extension of time granted	4
Requests for extension of time denied	0
Requests for extension of permit granted	0
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	1
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	0
Total	116

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order, therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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52.05

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

FEBRUARY 5, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 6

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-6184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, January 29, 1935, at 10 A. M.

Minutes of Regular Meeting, January 29, 1935, at 2 P. M.

Approved Burners for Domestic and Commercial Use.

Correction.

Approved Fuel Oil Pumps.

Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The Clerk's Calendar consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, February 4, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, February 11, 1935, at 2 o'clock.

The Clerk's Calendar is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET

New Cases Filed up to January 30, 1935.

<i>Cal. No.</i>	<i>Department</i>	<i>Premises Affected</i>	<i>Decision</i>
25-35-S.....	H.D.....	2403 Hoffman st., N. W. cor. East 187th st. (Block 3056, Lot 24), The Bronx.	
24-35-BZ.....	D.B.M.....	56 West 8th st. (Block 553, Lot 14), Manhattan.	N.B., 171-34
23-35-A.....	D.B.Bx....	S. S. Hicks st., running through from Seymour ave. to Fenton ave. (Block 4720, Lots 1, 2, 5, 6, 7, 8, 9 and 15), The Bronx.	
22-35-A.....	D.B.Q....	Beach 35th st., W. S. 20 feet north of boardwalk (Block 10, Lot 1), Far Rockaway, Queens.	N.B., 76-34
21-35-S.....	D.B.M.....	305 East 47th st. (Block 1340, Lot 3), Manhattan.	Applic. 28-35 17047-L.D.
872-28-BZ.....	D.B.Bx....	2311 Grand Concourse, N. W. corner East 183d st. (Block 3164, Lot 31), The Bronx.	<i>Restored to Calendar.</i> Alt. 597-33
424-32-BZ.....	D.B.B....	238 Throop ave. (Block 1748, Lot 40), Brooklyn.	Decision and Viol. 4701-34

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

	<i>Last Publication in Bulletin</i>
Certificate of Occupancy, approved forms.....	Aug. 2, 1932—Vol. 17 No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime).....	Oct. 9, 1934—Vol. 19 No. 41
Elevator Rules.....	July 3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors).....	Jan. 1, 1935—Vol. 20 No. 1
Factory Exit Rules.....	Dec. 11, 1934—Vol. 19 No. 50
Fire Alarm Rules (Interior).....	Nov. 20, 1934—Vol. 19 No. 47
Fire Drill Rules.....	May 30, 1933—Vol. 18 No. 22
Fire Retarding Rules for Garages, etc.....	Dec. 11, 1934—Vol. 19 No. 50
Fireproof Wood, Testing of.....	Oct. 2, 1934—Vol. 19 No. 40
Frame Garages, Ruling for.....	Jan. 21, 1919—Vol. 4 No. 3
Gas Shut-Off Rules.....	Apr. 7, 1925—Vol. 10 No. 14
Hatchway Protection.....	June 5, 1928—Vol. 13 No. 23
Oil Burner Rules.....	Dec. 18, 1934—Vol. 19 No. 51
Paint, Varnish and Lacquer Spraying Rules.....	Nov. 27, 1934—Vol. 19 No. 48
Plumbing Rules.....	Dec. 25, 1934—Vol. 19 No. 52
Procedure, Rules of.....	June 20, 1933—Vol. 18 No. 25
Refrigerating Systems, Extract C.O. Nov.	20, 1934—Vol. 19 No. 47
Smoking in Factories, Rules for.....	Dec. 11, 1934—Vol. 19 No. 50
Sprinkler Rules.....	Jan. 16, 1934—Vol. 19 No. 3
Standpipe Fireline Rules.....	Oct. 16, 1934—Vol. 19 No. 42
Structural Alterations, Reporting.....	June 7, 1932—Vol. 17 No. 22
Wire Glass Rules (Amendment to Rule 505 of Industrial Code).....	Apr. 10, 1923—Vol. 8 No. 15

LIST OF APPROVED APPLIANCES

Fireline Hose Valves.....	Feb. 5, 1935—Vol. 20 No. 6
Fuel Oil Burners for Domestic and Commercial Use.....	Feb. 5, 1935—Vol. 20 No. 6
Fuel Oil Burners for Industrial Use.....	Feb. 5, 1935—Vol. 20 No. 6
Fuel Oil Pumps.....	Feb. 5, 1935—Vol. 20 No. 6
Paint, Varnish and Lacquer Spraying Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
Range Oil Burners and Space Heaters.....	Jan. 15, 1935—Vol. 20 No. 3

COURT DECISIONS

Mfrs. Trust Co. v. Murdock. March 6, 1934. Board denied gasoline service station in business district under section 21, Cal. No. 374-33-BZ; Premises 2400-2412 Flatbush avenue, northwest corner Avenue T, Brooklyn. Mr. Justice Brennan sustained the Board (N. Y., L. J., Jan. 23, 1935).

* * *

Michaelson v. Murdock. May 8, 1934. Board denied gasoline service station in business district under section 21, Cal. No. 607-31-BZ; Premises northeast corner Rocky Hill road and 239th street, Bellrose, Queens. Mr. Justice Brennan sustained the Board (N. Y., L. J., Jan. 23, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 4, 1935, AT 2 P. M.

Building Zone Cases.

- 273-34-BZ.
APPLICANT—Nathan D. Shapiro and Bros., for Mansfield Service Station, Inc., owner.
PREMISES—1314-1332 Ocean avenue, west side, 100 ft. south of Avenue "H" (Block No. 6703, Lot No. 55), Brooklyn.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a residence district the extension of an existing gasoline service station and also the erection and maintenance of an office, auto laundry and greasing pits.
- 289-34-BZ.
APPLICANT—Mario J. Cafiero, for Nathaniel Potter, owner.
PREMISES—308 Monroe street, south side, 150 ft. east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.
APPLICATION, under sections 7a and 21 of the building zone resolution,
TO PERMIT in a residence district the extension in area of an existing garage and automobile repair shop.
- 299-34-BZ.
APPLICANT—Michael Glick, for Nathan Bensky, owner.
PREMISES—East side of Sedgwick avenue, 795 ft. south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.
- 317-34-BZ.
APPLICANT—Samuels & Samuels, for Jean Levy and Benjamin Levin, owners.
PREMISES—Southeast corner of Grand Central Parkway and Parsons boulevard (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT partly in a residence use and partly in a business use and also "F" area district the erection and maintenance of a gasoline service station.

FEBRUARY 5, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution. *Tuesday morning, February 5, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 264-34-BZ—Application, September 12, 1934, under section 21 of the building zone resolution, of William C. Goodson, applicant,

CALENDAR

on behalf of Bartholdi Turecamo, owner, to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line; premises 8412 Ridge Boulevard (Block No. 6023, Lot No. 39), Brooklyn.

CAL. NO. 310-34-BZ—Application, November 7, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Emma L. Verran, owner, to permit in a residence use and also "E" area district the erection and maintenance of a multiple dwelling occupying a greater percentage of the lot than permitted in an "E" area district and, also, erected nearer than ten (10) feet from the building lines, which is contrary to the requirements of the Building Zone Resolution; premises 4204-4308 Atlantic avenue, block front, south side, from Beach 42nd street to Beach 43rd street (Block No. 7041, Lot Nos. 1 and 30), Sea Gate, Brooklyn.

CAL. NO. 116-30-BZ—Application, February 14, 1930; withdrawn June 3, 1930; reopened November 7, 1934 under sections 7c and 21 of the building zone resolution, of William Shary, applicant, on behalf of Samuel Rubin & Son, Inc., owner, to permit in a residence district the alteration and conversion of occupancy of part of basement and first story of an existing apartment house from dwelling to business use (stores); premises 1401 Grand Concourse, southwest corner of East 170th street (Block No. 2842, Lot No. 59), Borough of The Bronx.

CAL. NO. 619-31-BZ—Application of James Kearney, on behalf of Estate of Israel Miller, owner, reopened May 8, 1934, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the Board for a temporary period; premises 148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

CAL. NO. 229-31-BZ—Application of Matthew W. Del Gaudio, on behalf of Enavon Realty Corp. and Navone Bros., Inc., owners, reopened January 15, 1935, under sections 7c and 21 of the building zone resolution, to permit in a garage, extending from an unrestricted into a business district (erected under a variation granted by the board October 22, 1931) the omission of stores and the extension of the garage area with no exit in the business district; premises 18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Manhattan.

HARRIS H. MURDOCK, *Chairman*.

FEBRUARY 5, 1935, 2 P. M.

Appeals from Administrative Orders.

- 51-34-A—980 Prospect avenue, northeast corner of East 164th street (Block No. 2690, Lot No. 123), The Bronx.
- 344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.
- 348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.
- 8-35-A—1908-1912 Park avenue (Block No. 1754, Lot Nos. 37, 38, 39 and part of Lot Nos. 40 and 40½), Manhattan.

Petition for Variation.

- 358-34-S—5208-5216 Third avenue (Block No. 805, Lot No. 45), Brooklyn.

Appliances Submitted for Approval.

- 13-35-SA—Nairoil Oil Burner, Type R, Model E.
- 17-35-SA—Toridheet Oil Burner, Model G.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, February 5, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 332-34-BZ—Application, November 26, 1934, under sections 7b, 7c and 21 of the building zone resolution, of Joseph V. O'Leary, applicant, on behalf of Spes Realty Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR MONDAY, FEBRUARY 11, 1935, AT 2 P. M.

Building Zone Cases.

359-34-BZ.
APPLICANT—Kennedy & Ellner, for Dora Ginsberg, owner.
PREMISES—Southeast corner of Kissena boulevard and Cherry avenue (Block No. 5192, Lot No. 34), Flushing, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

305-32-BZ.
APPLICANT—Arthur H. Haaren, for Kesbec, Inc., owner.
PREMISES—North side of Roosevelt avenue, 85 ft. east of 69th street; Northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution, (reopened July 10, 1934),
TO PERMIT in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the Board).

CALENDAR

349-34-BZ.

APPLICANT—Christopher C. McGrath, for Blanche Rosenberg, owner.

PREMISES—1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

FEBRUARY 13, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, February 13, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 346-34-BZ—Application, December 7, 1934, under sections 7a and 21 of the building zone resolution, of Samuel Falk, applicant, on behalf of Nation Wide Petrol Corp., owner, to permit in a business district the alteration, extension and maintenance of a gasoline service station; premises 6501-6505 22nd avenue (Bay parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Brooklyn.

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

CAL. NO. 316-34-BZ—Application, November 14, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Annie Carraher, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

CAL. NO. 324-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Barashay and Sugarman, applicants, on behalf of Kayson Lumber Co., Inc., owner, to permit in a business district the inclusion of a saw or planing mill in an existing lumber yard; premises 1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

CAL. NO. 722-23-BZ—Application of James Kearney, on behalf of Julia Hirsch, owner, reopened October 2, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5)

motor vehicles (said garage previously granted by the Board) so as to include a gasoline service station; premises 2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 13, 1935, 2 P. M.

Appeals from Administrative Orders.

260-34-A—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot. No. 20), Manhattan.

307-34-A—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

10-35-A—133 West 25th street, 4th floor (Block No. 801, Lot No. 19), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday afternoon, February 13, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 305-33-BZ—Application, September 19, 1933; withdrawn January 30, 1934; reopened September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of William Berg, owner, to permit in a business district the alteration and change of occupancy of an existing building to a gasoline service station; premises 104-106 Fourth avenue, southwest corner of Warren street (Block No. 401, Lot No. 38), Brooklyn.

CAL. NO. 140-34-BZ—Application, May 23, 1934; to permit a gasoline service station; withdrawn July 17, 1934; reopened January 22, 1935, under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Carol Ernesto Realty Co., Inc., owner, to permit in a business district the alteration and conversion of occupancy of an existing building to an automobile repair shop; premises 3114 Jerome avenue, southeast corner of East 204th street (Block No. 3321, Lot No. 36), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 18, 1935, at 2 P. M.

328-34-BZ.

APPLICANT—Henry Nordheim, for Max Mirowitz, owner.

PREMISES—1449 Vyse avenue, west side, 100 ft. south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

CALENDAR

362-34-BZ.

APPLICANT—Abraham N. Horwitz, for 1230 Jerome Avenue Corp., owner.

PREMISES—1227-1229 River avenue and 1230 Jerome avenue, east side, 165 ft. 6 in. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

4-35-BZ.

APPLICANT—Samuels and Samuels, for Approved Bond and Mortgage Co., Inc., owner.

PREMISES—Southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1), Woodhaven, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

FEBRUARY 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 290-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Levy and Berger, applicants, on behalf of 291 Greenwich Street Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1611-1619 Eastern boulevard, northwest corner of Morrison avenue (Block No. 3718, Lot No. 1), Borough of The Bronx.

CAL. NO. 460-26-BZ—Application of Thomas W. Lamb, Inc., on behalf of Brooklyn Ridgewood Corp., present owner, reopened September 11, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre (previously granted by the board, and time to complete building has expired); premises 4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Borough of Brooklyn.

CAL. NO. 335-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Calogero Pisciotta, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1704-1712 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Borough of Brooklyn.

CAL. NO. 343-34-BZ—Application, December 5, 1934, under section 21 of the building zone resolution, of Michael Levine, applicant, on behalf of Neslage Realty Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 19, 1935, 2 P. M.

Appeals from Administrative Orders.

245-34-A—West side of Vernon boulevard, 90 ft. north of 43rd avenue (Block No. 484, Lot No. 23), Long Island City, Borough of Queens.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

341-34-A—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, February 19, 1935*, at 2 o'clock, in Room 1013, Municipal Building on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 326-34-BZ—Application, November 16, 1934, under section 21 of the building zone, resolution, of Lama and Proskauer, applicants, on behalf of Engelbert Bick, owner, to permit in a business district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

CAL. NO. 231-34-BZ—Application, August 9, 1934, under section 21 of the building zone resolution, of Samuel M. Rivelson, applicant, on behalf of Constantinos Demetrookas, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 9402-9404 Church Avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Borough of Brooklyn.

CAL. NO. 271-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Henry C. Brucker, applicant, on behalf of Henry Schneider, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Cooper avenue, 130 ft. southwest of the corner of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALENDAR

FEBRUARY 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 26, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 292-34-BZ—Application, October 16, 1934, under section 21 of the building zone resolution, of John Palmeri, applicant and owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

CAL. NO. 283-34-BZ—Application, October 8, 1934, under section 21 of the building zone resolution, of George I. Laird, applicant and owner, to permit partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages; premises 241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Brooklyn.

CAL. NO. 334-34-BZ—Application, November 27, 1934, under section 21 of the building zone resolution, of John F. Meehan, applicant, on behalf of Fred Starke, owner, to permit partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station; premises northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

CAL. NO. 3-31-BZ—Application of W. Bryce Rea, owner, reopened April 10, 1934, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a motor vehicle repair shop; premises 250-21 Northern boulevard, north side, 151 ft. east of 250th street (Block No. 3984, Lot No. 89), Little Neck, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 26, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, Febru-*

ary 26, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 269-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Marcus Cohn, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

MARCH 5, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 5, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 113-34-BZ—Application, April 25, 1934, under section 21 of the building zone resolution, of Sidney Lipston, applicant, on behalf of Morris Gorelik, owner, to permit in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles; premises 1009 Myrtle avenue (Block No. 1749, Lot No. 48), Brooklyn.

CAL. NO. 287-34-BZ—Application, October 1, 1934, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, substituted for Howard Kelly, on behalf of Mutual Life Insurance Company, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, JANUARY 29, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, January 22, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, January 22, 1935, were approved as printed in Bulletin No. 5, Vol. XX.

BUILDING ZONE CASES.

326-34-BZ.

APPLICANT—Lama & Proskauer, for Engelbert Bick, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a motor vehicle repair shop and also a gasoline service station.

PREMISES AFFECTED—789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama, Engelbert Bick, Irving Proskauer.

For Opposition: None.

For Administration: Benjamin Saltzman for department of buildings, Brooklyn.

ACTION OF BOARD—Laid over to February 19, 1935, at 2 p. m., for report of committee on inspection. No further argument.

231-34-BZ.

APPLICANT—Samuel M. Rivelson, for Constantines Demetrookas, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—9402-9404 Church avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Brooklyn.

APPEARANCES—

For Applicant: Samuel M. Rivelson.

For Opposition: Gerson M. Young, C. R. Stainton and John Bogart.

ACTION OF BOARD—Laid over to February 19, 1935, at 2 p. m., for report of committee on inspection. No further argument.

271-34-BZ.

APPLICANT—Henry C. Brucker, for Henry Schneider, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—East side of Cooper avenue, 130 ft. southwest of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: Archie H. Samuels, Henry Schneider and Henry C. Brucker.

For Opposition: Edward N. Kassel, Herbert G. Roleke, Charles Dornhofer, Kathryn McHugh, Emma Sasser, Anna Wagenhauser, Mrs. H. Wulforst, M. Mark and S. Deibitsky.

ACTION OF BOARD—Laid over to February 19, 1935, at 2 p. m., for report of committee on inspection. No further argument.

722-23-BZ.

APPLICANT—James Kearney, for Julia Hirsch, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the board) so as to include a gasoline service station (reopened October 2, 1934).

PREMISES AFFECTED—2235 Webster avenue, southwest corner of East 182d street (Block No. 3143, Lot No. 65), The Bronx.

APPEARANCES—

For Applicant: None.

For Opposition: None.

ACTION OF BOARD—Laid over to February 13, 1935, at 10 a. m., on telephonic request of applicant.

Adjourned 1:00 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, JANUARY 29, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

243-34-BZ.

APPLICANT—Samuels and Samuels, for A. R. Olson Bldg. Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2909-2917 86th street and 525-535 Van Sicken street, northeast corner (Block No. 7169, Lot No. 28), Brooklyn.

APPEARANCES—

For Applicant: None.

For Opposition: Miss D'Agostina.

ACTION OF BOARD—Laid over to February 16, 1935, at 2 p. m., for further consideration by the board.

269-34-BZ.

APPLICANT—Samuels and Samuels, for Marcus Cohn, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens.

APPEARANCES—

For Applicant: None.

For Opposition: None.

ACTION OF BOARD—Laid over to February 26, 1935, at 2 p. m., for further consideration by the board.

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872-28-BZ.

APPLICANT—Eugene DeRosa, for John A. McCarthy, owner.

SUBJECT—Application for reopening—restoration to the calendar, having been previously withdrawn—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a residence district and partly in a business district, the alteration and reconstruction of a portion of stores (previously granted by the board) into a motion picture theatre.

PREMISES AFFECTED—2311 Grand Concourse, northwest corner of East 183rd street (Block No. 3164, Lot No. 31), The Bronx.

APPEARANCES—

For Applicant: Eugene DeRosa.

ACTION OF BOARD—Application reopened, restored to calendar, subject to usual procedure of calendar call, etc.

THE VOTE TO REOPEN AND RESTORE TO CALENDAR—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney	4
Negative	0
Absent	0

424-32-BZ.

APPLICANT—Herbert E. Rosenberg, for Esther N. Ohriner, owner.

SUBJECT—Application for reopening—restoration to the calendar, having been previously withdrawn—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing uilding to a motor vehicle repair shop.

PREMISES AFFECTED—238 Throop avenue, west side, 80 ft. north of Myrtle avenue (Block No. 1748, Lot No. 40), Brooklyn.

APPEARANCES—

For Appellant: Herbert E. Rosenberg.

ACTION OF BOARD—Application reopened, restored to calendar, subject to usual procedure of calendar call, etc.

THE VOTE TO REOPEN AND RSSTORE TO CALENDAR—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney	4
Negative	0
Absent	0

216-33-BZ.

APPLICANT—M. M. & L. Realty Association, owner.

SUBJECT—Application reopened January 8, 1935, for consideration as to an extension of time to complete work—time having elapsed—re Application (decision of the commissioner of buildings) granted on certain conditions under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2414-2420 Flatbush avenue, southwest corner of Avenue T (Block No. 8542, Lot No. 41), Brooklyn.

APPEARANCES—

For Applicant: James Ward.

For Opposition: None.

ACTION OF BOARD—Application amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(216-33-BZ)

WHEREAS, this application affecting premises 2414-2420 Flatbush avenue southwest corner of Avenue T (Block No. 8542, Lot No. 41), Borough of Brooklyn, was granted by the board December 5, 1933, on certain conditions and the time limit set in these conditions having expired, the owner requested a reopening of the case and extension of time; and

WHEREAS, this application was reopened by vote of the board January 8, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting January 29, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution of December 5, 1933, in view of statement by owner of property in question that all plans have been filed and approvals thereof received, that all work shall be completed within nine months from the date of this amended resolution, *on condition* that other than as amended herein, the resolution adopted by the board on December 5, 1933, shall be complied with in all respects.

292-33-BZ.

APPLICANT—Bonomo Realty Corporation, owner.

SUBJECT—Application for reopening—extension of time—re Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2729-2755 Shell road, southeast corner of Canal avenue (Block No. 7250, part of Lot No. 33), Brooklyn.

APPEARANCES—

For Applicant: Victor Bonomo.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(292-33-BZ)

WHEREAS, this application affecting premises 2729-2755 Shell road, southeast corner of Canal avenue (Block No. 7250, part of Lot No. 33), Borough of Brooklyn, was granted by the board February 6, 1934, on certain conditions and applicant requested an extension of the time limit imposed.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* resolution adopted by the board on February 6, 1934, only so far as it has to do with the completion of work, so that as amended this clause of the resolution shall read:

“... that in view of statement by the representative of owner that all plans have been filed and approved and that the work is partially completed, that all work shall be completed within nine months from the date of this amended resolution *on condition* that other than as amended herein the resolution adopted on February 6, 1934, shall be complied with in all respects.”

317-33-BZ.

APPLICANT—Conroy and Hardy, for Dickel Construction Co., owner.

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SUBJECT—Application for reopening—amendment of resolution and approval of plans—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of 89th avenue and Jamaica avenue (Block No. 742, Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: R. S. Hardy and Sidney H. Kitzler.

ACTION OF BOARD—Application reopened, resolution amended and plans approved.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION AND APPROVE PLANS—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(317-33-BZ)

WHEREAS, this application affecting premises southeast corner of 89th avenue and Jamaica avenue (Block No. 742, Lot No. 1), Jamaica, Borough of Queens, was granted by the board March 6, 1934, on certain conditions, amended July 17, 1934, and the owner through his attorney, requested a further amendment and an approval of plans submitted.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted to permit the premises under appeal to be used as a gasoline service station under section 21 on condition that there shall be erected along street building line of 89th avenue from the corner formed by the intersection of Jamaica avenue a wall 6 ft. in height to be constructed with brick piers and stuccoed panels on cement blocks, permitting the construction of a 3-ft. wall near the intersection of 89th avenue and Jamaica avenue with one opening on 89th avenue at a distance of 35 ft. from the intersection of 89th avenue and Jamaica avenue, said opening to be not over 20 ft. in width with curb cuts opposite not over 25 ft. in width, and that a similar wall shall be constructed on easterly property line between 89th avenue and Jamaica avenue, except that the wall may be omitted where adjoining buildings exist having a lot line wall in which there are no openings, that the accessory buildings may be of cement block stuccoed and shall be located against the rear lot line; that the rear of these accessory buildings may be incorporated in the lot line wall with no windows or other openings to 89th avenue or adjoining property; that these accessory buildings shall consist of an office, auto laundry section and grease pit section; that these buildings shall not be over one story in height and shall be constructed of incombustible materials except that the roof boarding, doors and windows may be of wood, provided the ceilings throughout are fire retarded in accordance with rules of the Board of Standards and Appeals and the roofs surfaced with incombustible materials; that the front of the greasing section shall remain open; that there shall be no open excavation under any of these buildings except the pits for greasing racks; that the balance of the premises shall be cement-paved; that gasoline pumps erected shall be not nearer than 10 ft. to the street line of Jamaica avenue nor to any portion of an accessory building; that on the street line of Jamaica avenue there shall be constructed reinforced concrete curbs not less than 12 in. in width and 5 in. in height with rounded top with not over three openings therein

to Jamaica avenue, no opening to be nearer than 40 ft. from the easterly interior lot line; that opposite these openings in the street line curb, curb cuts be provided not exceeding 30 ft. in width each; that no advertising shall be permitted on the property other than on the illuminated globes of the gasoline pumps and a permanent flat sign attached to the accessory building and one post illuminated sign within the building line excluding all signs of a temporary nature; that lighting shall be by means of pipe standards arranged to reflect downwardly so as to avoid nuisance to adjacent residential occupancies; that no portable gasoline pumps shall be used on or from the property; that no motor vehicle repairing shall be carried on; that there shall be no parking or storing of cars other than those being serviced; that no open flame shall be permitted; and that all permits shall be obtained within six months and all work shall be completed within one year from the date of this amended resolution.

Resolved, further, that the plans marked received January 8, 1935, are hereby approved as conforming generally to the conditions of this amended resolution.

167-34-BZ.

APPLICANT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the change of occupancy of an existing building to a motor vehicle repair shop.

PREMISES AFFECTED—1775-1777 Coney Island avenue, east side, 365 ft. south of Avenue "N" (Block No. 6749, Lot No. 78), Brooklyn.

APPEARANCES—

For Applicant: A. J. Daidone.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(167-34-BZ)

WHEREAS, this application affecting premises 1775-1777 Coney Island avenue east side 365 ft. south of Avenue "N" (Block No. 6749, Lot No. 78), Borough of Brooklyn, was granted by the Board October 9, 1934, on certain conditions and owner through his architect requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the Board on October 9, 1934, so that as amended it shall read:

"Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted for a period of two (2) years from the date of this amended action, permitting the rear portion of building to be used for light automobile repairing on condition that the ceiling throughout shall be protected with 26 gauge metal nailed to furring strips attached to the ceiling beams; that windows opening on rear shall be made fireproof, self-closing; that if there are windows or openings on the adjoining building to the south that all openings in this building opening to yard shall also be fireproof and self-closing; that skylights shall be glazed with wire glass; that repairing shall not include the use of a torch or open flame, acetylene

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burner or welder or anvil and shall be limited to such work as can be done with manual tools and light machine-driven tools, none of which shall require more than ½ h.p. motor, and that such portable fire-fighting appliances shall be installed as the administrative official may direct; that the front portion of the building shall be retained for conforming occupancy and shall be entirely cut off by fire retarded walls from the balance of the building, said fire retarded walls consisting of 2x4 studs with tile on wire lath on one side and wire lath and not less than ½-in. of cement plaster on reverse or equivalent in the opinion of the commissioner; that such space to be used as repair shop shall not exceed that shown on plans marked "Received October 22 1934"; that the automobile repairing shall be carried on only during business hours during the day and not at night or on Sundays or holidays."

APPEALS FROM ADMINISTRATIVE ORDERS.

245-34-A.

APPELLANT—Preferred Utilities Company, Inc., for First National Oil Co., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—West side of Vernon boulevard, 90 ft. north of 43rd avenue (Block No. 484, Lot No. 23), Long Island City, Queens.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Laid over to February 19, 1935, at 2 P. M., upon written request of appellant's representative.

216-34-A.

APPELLANT—Geo. E. Strehan, for A. R. Haeuser Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Laid over to February 19, 1935, at 2 P. M., upon written request of appellant.

260-34-A.

APPELLANT—The Timken Silent Automatic Company, for Hoffman Estates, owner.

SUBJECT—Appeal from an order of the commissioner of buildings (previously dismissed for lack of prosecution; reopened and restored to Calendar December 11, 1934).

PREMISES AFFECTED—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot No. 20), Manhattan.

APPEARANCES—

For Appellant: None.

In opposition: Mr. Falkenstein, Board of Transportation.

For Administration: None.

ACTION OF BOARD—Laid over to February 13, 1935, at 2 P. M., for inspection by a committee of the board.

8-35-A.

APPELLANT—Edwin H. Snackenber, for Sinclair Refining Co., lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1908-1912 Park avenue (Block No. 1754, Lot Nos. 37, 38, 39, part of Lot Nos. 40 and 40½), Manhattan.

APPEARANCES—

For Appellant: Edwin H. Snackenber.

For Administration: Inspector Maher, of Department of Buildings.

ACTION OF BOARD—Laid over to February 5, 1935, at 2 P. M., for further consideration by the board.

341-34-A.

APPELLANT—Martin J. Ort, for Reisel Betman, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—1725-1729 St. Marks avenue

(Block No. 1455, Lot Nos. 67, 68 and 69), Borough

of Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: Assistant Engineer Benjamin Saltzman of Department of Buildings.

ACTION OF BOARD—Laid over to February 19, 1935, at 2 P. M., upon written request of appellant.

257-34-A.

APPELLANT—Kohler Co., for Howe and Lescase, owners.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

APPEARANCES—

For Appellant: Kenneth Hasselbunk.

For Administration: None.

ACTION OF BOARD—Appeal withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

9-35-A.

APPELLANT—Geo. R. Read & Co., for Corn Exchange Bank Trust Company, owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—55-59 Beaver street and 11-21 William street, northwest corner (Block No. 25, Lot No. 35), Manhattan.

APPEARANCES—

For Appellant: William H. Class and J. Frederick Bender.

For Administration: Inspector Maher of Department of Buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(9-35-A)

WHEREAS, George R. Read & Co., for Corn Exchange Bank Trust Company, owner, filed January 5, 1935, an appeal from an order of the commissioner of buildings affecting premises 55-59 Beaver street and 11-21 William street, northwest corner (Block No. 25, Lot No. 35), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated December 19, 1934, Order No. 18330-F reads:

"1. Raise the standpipe gravity tank so that the bottom of said tank is not less than 20 ft. above the hose outlet in the highest story. Sections 580-1, Chapter 5, Code of Ordinances and Rule 91 of the Board of Standards and Appeals."

and

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WHEREAS, the building is fireproof, 20 stories (262 ft.) in height, 86 ft. 8½ in. by 110 ft. 6 in., irregular in depth; OCCUPIED for office purposes, total of 641 persons; and

WHEREAS, the appellant claims the building was erected in 1894 and 1903; no certificate of occupancy has been issued; equipped with a standpipe system fed from an enclosed house supply gravity tank, the bottom of which is about 9 ft. 6 in. above the highest hose outlet; the water supply is provided by means of an automatic steam pump, suctioning from a 2,500 gallon suction tank and operation at 140 lbs. pressure, thereby maintaining a constant water supply of 5,000 gallons in the enclosed gravity tank and also a pressure of 27 lbs. at the highest standpipe hose outlet; furthermore, there is an emergency electric pump of the same capacity installed in the line, but manually operated, three sets of siamese connections are on the outside of the building, a watchman's clock service is maintained and a fire alarm box is located in the main hall.

Resolved, that the order of the commissioner of buildings, No. 18330-F be and it hereby is modified and that the appeal be and it hereby is granted, permitting the tank as an open gravity tank to remain in its present position, *on condition* that it shall be not less than 9 ft. 6 in. above the highest hose outlet; that there shall be reserved at all times 3,500 gallons of water available for standpipe purposes only and that the pipe for house supply shall be taken above the 3,500 gallon line; that the hose nozzles on the top floor shall be reduced to ½ in. diameter; that other than as modified herein the standpipe system shall comply with Rule 91 of the Standpipe Fireline Rules of the Board of Standards and Appeals in all respects.

23-35-A.

APPELLANT—Clarence S. Stein, for Hillside Housing Corp., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—South side of Hicks street, running through from Seymour avenue to Fenton avenue (Block No. 4720, Lot Nos. 1, 2, 5, 6, 7, 8, 9 and 15), The Bronx.

APPEARANCES—

For Appellant: Frank E. Vitolo and Arnold Meyer.

For Administration: Inspector Walworth C. Lyons of Department of Buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(23-35-A)

WHEREAS, Clarence S. Stein, for Hillside Housing Corp., owner, filed January 23, 1925, an appeal from a decision of the Commissioner of Buildings affecting premises, south side of Hicks street, running through from Seymour avenue to Fenton avenue (Block No. 4720, Lot Nos. 1, 2, 5, 6, 7, 8, 9 and 15) Borough of the Bronx; and

WHEREAS, the decision of the commissioner of buildings rendered January 19, 1935, N. B. App. No. 76-1935, reads:

"1. Proposed construction of plastered partition does not conform to Plastering Rules."

and

WHEREAS, the premises consist of a plot of ground with a frontage of 182 ft. 4 in. and a depth of 647 ft. 7 in. on which it is proposed to erect a 4-story fireproof apartment house with a frontage of 182 ft. 4 in. and a depth of 342 ft. 3 in.; and

WHEREAS, it is proposed to erect partitions consisting of ¾ inch cold rolled channels weighing 276 pounds per thou-

sand feet, secured to floor and ceiling with studs for the 2 inch solid partitions placed 3 feet on centers, studs being secured at both bottom and top, by use of a special clip; 3.4 pound Bar-X lath is placed on each side of the ¾ inch channel studs and securely wired to same with No. 18 gauge galvanized Hank Tie Wire; the ribs of this Bar-X lath are placed horizontally, extending across the ¾ inch channel studs; these ribs consist of two No. 11 rods, one on each side of the lath and are welded to the lath; and

WHEREAS, the appellant contends that the partitions so constructed provides a solid, strong and rigid partition, and the equivalent of the partitions required by the plastering rules.

Resolved, that the decision of the commissioner of buildings be and it hereby is *modified* and the appeal be and it hereby is granted in connection with N. B. Application No. 76-1934, permitting the 2-inch solid plaster partitions to be constructed within this building, *on condition* that these partitions shall not exceed 8 feet in height at any point; that the vertical channels shall not be spaced at any point more than 36 inches on centers; that the wire lath shall weigh at least 3.4 pounds per square yard; that the partition over all shall be not less than 2 inches in thickness and shall, when completed, consist of solid plaster completely through from side to side; that the horizontal stiffening rods shall be located not more than 7 inches apart; that this partition shall be used solely for the construction of room partitions within each individual apartment; that the plastering rules of the Board of Standards and Appeals shall be complied with in all other respects and that this variation shall not be deemed as a modification of the plastering rules for general application.

347-34-A.

APPELLANT—Lee D. Miller, Deputy Commissioner, for Department of Hospitals, City of New York, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Main Building, Neponsit Beach Hospital, Beach 149th street and Ocean Promenade (Block No. 810, Lot No. 1), Neponsit, Borough of Queens.

APPEARANCES—

For Appellant: Frederick G. Lemke.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(347-34-A)

WHEREAS, Lee D. Miller, Deputy Commissioner for the Department of Hospitals, City of New York, owner, filed December 7, 1934, an appeal from a decision of the commissioner of buildings, affecting premises Main Building, Neponsit Beach Hospital, Beach 149th street and Ocean Promenade (Block 810, Lot No. 1), Neponsit, Borough of Queens; and

WHEREAS, the decision of the commissioner of buildings dated November 22, 1934, reads:

"Supplementing my communication to you of October 25, you are hereby advised that the structure supporting the standpipe reserve tank at the above premises is condemned as unsafe by this department as the result of our inspector's report which reveals a dangerous condition due to corroded and weakened members.

"It is therefore necessary that you proceed at once with corrective measures as prescribed under Section

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581, Chapter 5, Code of Ordinances and Rule 9 of the Board of Standards and Appeals, to remedy this condition.

"We regret to inform you that your request to install a 4 in. street main connection and fire pump in lieu of a 3,500-gallon tank reserve is hereby denied for the reason that it does not lie within the jurisdiction of this department to waive or modify the provisions of Section 581, Chapter 5, Code of Ordinances and the rules of the Board of Standards and Appeals.

"We hope that this explanation will prove adequate and suggest that you proceed with the necessary work in accordance with regulations. Otherwise an appeal may be filed with the Board of Standards and Appeals."

and

WHEREAS, the premises consist of a large plot about 1,000 feet by 501 feet, upon which is erected a fireproof building, 5 stories (70 feet) in height, 139 feet by 160 feet, irregular in depth; OCCUPIED as a hospital, not more than 60 persons per story; and

WHEREAS, the appellant claims the building was erected in 1915, equipped with a 4-inch standpipe system, fed from a gravity tank supported at the top of a steel tower about 50 feet from the building; the steel tower has become dangerous due to corrosion; corrective measures are being taken to remove the unsafe condition; this appeal does not apply to the unsafe portion of the order but is only for the omission of a gravity tank and permission to connect the standpipe system direct with the 12-inch water main on Rockaway Beach boulevard; such water main is fed two ways, has a water pressure of 50 pounds from which a water pressure of 25 pounds is maintained at the highest hose outlet, whereas from a roof gravity tank there would be at the most a water pressure of 10 to 11 pounds at the highest hose outlet; furthermore, siamese connections are provided at the front of the building, also an electric driven centrifugal fire pump is connected in the basement, manually operated and capable of delivering 500 gallons per minute at the highest hose outlet.

Resolved, that the decision of the commissioner of buildings dated November 22, 1934, be and it hereby is *modified* and that the appeal be and it hereby is *granted* permitting the Standpipe System to be fed from a new 4-inch street main connection to be used solely for standpipe purposes *on condition* that there shall be installed in the lowest story above or below the floor a suction tank with a capacity of not less than 1,000 gallons for supply for an automatic fire pump; that such pump shall be capable of furnishing water at the highest outlet at the rate of not less than 500 gallons a minute and at a pressure of 25 pounds at such outlet; that such additional portable auxiliary fire-fighting appliances shall be installed as the commissioner may direct; that other than as modified herein, the Standpipe Rules of the Board of Standards and Appeals shall be complied with in all respects.

APPLIANCES SUBMITTED FOR APPROVAL

3-35-SA.

PETITIONER—Harry T. Clark, for Yorktown Oil Burner Co., Inc., owner.

SUBJECT—Yorktown Oil Burner, Model A, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to Engineer of the Board and Bureau of Combustibles, Fire Department, for test and report.

7-35-SA.

PETITIONER—Leonard H. Harding, owner.

SUBJECT—Harding Float Switch, Type CC, for Standpipe Alarm System, approval of.

APPEARANCES—

For Petitioner: Leonard H. Harding.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to the Engineer of the Board for test and report.

11-35-SA.

PETITIONER—E. J. Phalen, for New York Brass Foundry Co., Inc., owner.

SUBJECT—N. Y. B. F. 4 in., 5 in. and 6 in. Standpipe and Automatic Sprinkler, Siamese Connection, approval of.

APPEARANCES—

For Petitioner: E. J. Phalen.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to the Engineer of the Board for test and report.

205-34-SA.

PETITIONER—Henry L. Connell, for Pacent Engineering Corp., agent for Firetox System, Inc., owner.

SUBJECT—Automatic Firetox Extinguisher, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition withdrawn by written request of petitioner.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

183-34-SA.

PETITIONER—A. G. Zibell, for Kohler Co., owner.

SUBJECT—Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet, approval of.

APPEARANCES—

For Petitioner: Kenneth Hasselbrink.

ACTION OF BOARD—Appliance approved in accordance with Engineer's report and report of Chief Inspector of Plumbing, Department of Buildings.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(183-34-SA)

WHEREAS, Kohler Co., owner, filed June 22, 1934, an application with the Board of Standards and Appeals for approval of their device known as the Kohler "Integra" K-5580 One-piece Syphon Jet Water Closet; and

WHEREAS, the device was submitted to the engineer of the board and the plumbing division of the Department of Buildings for test and report; and

WHEREAS, the report of the engineer of the board and of chief inspector of the plumbing division of the Department of Buildings, Manhattan, was substantially as follows:

"The water closet unit in question consists of a wash-down water closet bowl and a flush tank cast in one piece of vitreous china, which conforms to the plumbing rules of the Board of Standards and Appeals, except that the flush tank of this combination has a water holding capacity of but 4½ gallons, measured to the tank overflow level, instead of having a capacity of eight (8) gallons as required in Section 149 of the plumbing rules. The bottom of the tank is ¾ of an inch above the top of the bowl, preventing clogging of the bowl causing back syphoning into the tank. The

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device has a full 2½ in. passageway and line syphon jet action. The ball cock has a double check against back syphoning. The fitting is provided with a check valve which has double action and acts both as a check valve and a syphon breaker. When the valve is closed and there is no water pressure on the under side of the check valve it is seated in the wall of the valve and acts as a check valve to prevent water returning through the discharge pipe from the tank, at the same time it allows air to enter from the top of the ball cock. When the valve is open the check valve is raised from its seat allowing water to pass through the discharge pipe. If the water supply fails or a vacuum is executed upon the supply pipe the check valve is closed preventing any water returning from the tank or discharge pipe.

"In this building we tested three of the Kohler water closet units by casting wads of toilet paper into the bowls and operating the flush apparatus. This operation was repeated with wads of newspaper and glazed magazine paper, and with each operation of the flushing apparatus, adequate flushing of the water closet bowls was accomplished.

"In view of the above, it seems that although the flush tank of the 'Kohler' one-piece water closet and flush tank unit has a water holding capacity of but 4½ gallons, the capacity of the said tank is adequate for flushing purposes, and it is fair to assume that this water closet combination would be suitable for use in the City of New York and that there is no hazard of contamination of the water supply.

"In addition to the actual 4½ gallons capacity an additional amount of water is furnished by the inlet valve during operation of the flushing of the device that adds to the flushing capacity by approximately an additional gallon."

It is, therefore, recommended, that the Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet be approved for use in the City of New York; and

WHEREAS, this device was also subjected to a test by a committee of the board which committee also recommended the approval of the device and affirmed the findings of the engineer of the board and of the chief inspector of the plumbing division of the Department of Buildings,

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device, known as the Kohler "Integra" K-5580 One-Piece Syphon Jet Water Closet for use in plumbing installation in New York City, *on condition* that it complies with the plumbing rules of the Board of Standards and Appeals in all respects except as to Section 149 thereof, and permitting the tank of this fixture to be accepted provided the minimum capacity is not less than 4½ gallons.

219-34-SA.

PETITIONER—Florence Stove Company, owner.

SUBJECT—Florence Range Burner request for reopening—amendment of resolution.

APPEARANCES—

For Petitioner: Harvey Golden.

ACTION OF BOARD—Petition reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(219-34-SA)

WHEREAS, the Florence Stove Company, owner, filed July 9, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Florence Range Burners; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

On September 28, 1934, Mr. John Dixon, acting chief inspector, and Mr. Charles Johnson, assistant inspector of combustibles, and Mr. Leslie V. Huber, chief engineer of the Board of Standards and Appeals, visited the plant of the Florence Stove Company for the purpose of examining and testing the Florence Range Burners.

Before the burners proper were tested, a complete inspection of the method of manufacture, test and supervision was made, and we found that all care is exercised in order to turn out a first class product.

The burner proper consists of a cast iron base having two pair of concentric rings with walls ¾ in. in height, there beign four perforated chromium steel rings inserted therein, with the inner and outer rings separated by an asbestos wick.

The burner unit proper consists of two units and on top of the rins are placed two steel covers. We have been informed that there is 16 per cent. chromium in the steel.

The base of the burner proper is bolted to the ash pit of the stove and set level by means of two adjusting screws. The storage container is of 24 U.S. gauge metal and of three-gallon capacity. It rests in an oil bowl 4 in. deep by 8½ in. in diameter, which bowl is set on a heavy standard which can be securely bolted to the floor. This bowl has sufficient capacity to take up excess oil caused by possible expansion due to heat.

The metal storage container is held in place by a ring that automatically locks itself when falling into the vertical position, thus securely holding the metal container to the stand. The valve used is manufactured by the Wooster Taper Pin Company, and is of a "V" shape slot type, permitting the entrance of the oil when turned on and shutting it off positively by a taper valve about 9/32 in. in diameter.

The copper tubing used on this burner is extra heavy, about 3/16 in. outside diameter with walls .049 in thickness. An open pipe is provided in which the lighter tube can be placed when not in operation.

Test:

The container was tested under air at 10 pounds pressure. No distortion occurred, however, until the pressure reached 7 pounds. The distortion consisted of a slight bulge in the head. However, with this type of oil feed, no pressure would be developed under ordinary use.

One of the burner units was operated for over 30 minutes and for 10 minutes a full supply of oil being turned on. After 25 minutes, the valve controlling the oil supply to the dual unit was turned on and after the lapse of about five minutes, it ignited from the other burner with no puff or explosion.

This range burner and similar devices, are of the atmospheric pressure type. The oil level in the bowl from the storage container is set at about 3/16 in. above the bottom of the burner proper. After the cast iron base is heated, like other burners of its type, the oil is vaporized and burned in that state about the chromium rings.

MINUTES

It was recognized that in these burners there were inherent possible hazards due to location and operation by unskilled persons, and in recommending these burners for approval certain recommendations were made.

As this burner complies with the Oil Burner Rules of the Board of Standards and Appeals therefore recommended for approval when installed in accordance with such rules and the recommendations as to installation which shall be placed on instruction cards kept near each burner installation.

WHEREAS, this burner has been approved by the Underwriters Laboratories, Guide No. 300-10-19, File M.P. 735; and

WHEREAS, this thence was approved October 9, 1934, and the applicant requested an amendment of the conditions as to item No. 9.

Resolved, that the Board of Standards and Appeals does hereby *approve* the Florence Range Burners *on condition* that this device shall comply with the Oil Burner Rules of the Board of Standards and Appeals, also the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 in. in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.

4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.

5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.

6. Cracks or crevices between the combustible chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.

7. Only approved safety cans shall be used for the storage and filling of oil containers.

8. Storage containers shall not be filled in same room when and where burner is in operation.

9. Floor beneath oil burning device shall be protected by shield at least 1/2-in. in thickness of asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the stove or range in which the device is installed.

10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. NO. 219-34-SA.

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

Adjourned, 4:45 p. m.

EDWARD V. BARTON, *Chief Clerk.*

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* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, January 8, 1935, as they appeared in Bulletin No. 3, Vol. XX, are hereby corrected to read as follows:

(145-32-A)

WHEREAS, this appeal affecting premises Pier No. 5, East River, between Fulton and Montague streets (3rd street), (Block No. 199, part of Lot No. 3), Borough of Brooklyn, was granted by the board at its meeting on April 22, 1932, on certain conditions; and

WHEREAS, the owner through its attorney requested an interpretation of the condition "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection", all other conditions having been complied with; and

WHEREAS, this resolution was reaffirmed and interpreted by the board October 24, 1933 and the owner through its attorneys requests an amendment of this interpretation.

Resolved, that the resolution of the board be *reaffirmed* and that the clause in that resolution reading "that a supervisory, twenty-four-hour-a-day watchman service shall be maintained with direct central office fire alarm connection" shall be

* *Correction*—Word four (4) changed to two (2) in line 20 of resolution.

interpreted as being complied with if the following service is maintained:

"Two (2) combined National District Telegraph Company's Night Watchman's Patrol and Fire Alarm Boxes with direct communication to the city fire headquarters to be maintained as now located on the pier, these alarm boxes and the supports to which these boxes are attached from the floor line of pier to the bottom chord of the roof supports to be painted a fire dept. red; that a 3 ft. unobstructed passage shall be maintained from the centre passageway of the pier to all alarm boxes and that break glass hammers shall be provided for each alarm box.

"Central telephone station in the company's Brooklyn office with operators on duty both day and night, twenty-four hours, to respond to telephone calls from company's watchmen;

"Company watchmen on duty at all times during day and night, twenty-four hours;

"Property and watchmen supervised by daily inspection by company's wharfingers and section superintendent;

"Further supervision by chief roundsman and three (3) assistant roundsmen covering property in automobiles, in constant touch by telephone with company's central station."

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

Burners for Domestic and Commercial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A. B. C. Oil Burner.....	1295-24-SA	Enterprise Steam Atomizing Burner.....	15-33-SA
A. B. C. Oil Burner, Type H.....	684-29-SA	Enterprise Type Junior "W" Oil Burner,	
Acme Oil Burner, Models BO-1 and BO-2	132-34-SA	Models 1, 2 and 3.....	225-32-SA
Aetna Automatic Oil Burner.....	1547-23-SA	Espo Oil Gas Burner.....	1431-23-SA
Air-Blast Oil Burner.....	579-32-SA	Evenheat Oil Burner.....	554-32-SA
Alladin Oil Burner.....	298-26-SA	Everedy Oil Burner.....	102-33-SA
Alexander Oil Burner.....	65-28-SA		
Alida Oil Burner.....	124-34-SA	Fairfield Oil Burner.....	584-31-SA
American Blue Flame and Sun Flame Oil		Faultless Oil Burner.....	493-24-SA
Burning Heaters, Models No. 73, 86, 88,		Fluid Heat Domestic Oil Burner, Type O	1094-27-SA
92, 93, 94, 95 and 96.....	298-33-SA	Fluid Heat Oil Burner.....	361-32-SA
Arcoil Heat Machine.....	632-26-SA	Forsdraft Oil Burner.....	41-34-SA
Auto-Heat Oil Burner.....	284-33-SA	Foster Oil Burner.....	715-26-SA
Autocrat Oil Burner, Model B-1.....	297-31-SA	Franklin Domestic Oil Burner.....	560-26-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Freeport-Silent Service Oil Burner, Models	
		5, 10 and 30.....	97-33-SA
Baker Automatic House Heating Burner	1323-22-SA	Fuelo Oil Burner.....	47-30-SA
Baker Oil Burner, Model L, Gun Type	404-29-SA		
Ballard Baby Grand Oil Burner.....	447-32-SA	Gar Wood Oil Burner.....	373-30-SA
Ballard Super Domestic Oil Burner.....	939-24-SA	Gar Wood Oil Burner, Models K and K-3500	481-32-SA
Bayard Domestic Fuel Oil Burner.....	1184-22-SA	General Electric Fuel Oil Burner.....	434-32-SA
Berggren Oil Burner.....	764-26-SA	General Electric Oil Burner, Type DA-2..	228-33-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	Ghapco Steam Generator.....	348-31-SA
Bettendorf High Pressure Oil Burner....	479-31-SA	Gilbarco Industrial Burner.....	350-32-SA
Bettendorf Oil Burner.....	731-28-SA	Gilbert & Barker Flexible Flame Burner..	109-31-SA
Bettendorf Oil Burner, Model H.B.....	498-32-SA	Gilbert & Barker Junior Flexible Flame	
Bock Oil Burner, Models A, B, C and D	123-31-SA	Domestic Oil Burner.....	520-31-SA
Bock Oil Burning Water Heater.....	102-34-SA	Gilbert & Barker Oil Burner, Model S-1..	282-33-SA
Braden Automatic Fuel Oil Burner.....	322-30-SA	Gill Oil Burner	1231-23-SA
Branford Oil Burner.....	36-31-SA	Gold Star Oil Burner, Models F and S.....	166-33-SA
Branford Oil Burner, Model "A".....	461-32-SA	Goodrich Oil Burner, Models G-O, G-1, G-2	
Brighton Oil Burner.....	372-33-SA	and G-3	441-31-SA
Bullet Automatic Oil Burners, Models A		Goodspeed Automatic Oil Burner.....	957-27-SA
and B.....	195-33-SA	Goodspeed Oil Burner, Nozzle Type 2....	346-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Grant Oil Burner.....	382-26-SA
Camel Automatic Oil Burner, Model 30,		Grant Oil Burner, Model "C".....	232-32-SA
Types A, B and C and Models J and A.S.	229-32-SA		
Carboradiant Oil Burner, Models V & VS	16-31-SA	Hardinge Oil Burner.....	813-25-SA
Carboradiant Oil Burner, Model VSS....	49-32-SA	Hardinge Oil Burner, Model 23.....	33-33-SA
Carborundum Burner	571-29-SA	Harris Fuel Oil Burner.....	690-30-SA
Carter-Korth Oil Burner, Model "P"....	389-32-SA	Hart Automatic Oil Burner.....	1162-24-SA
Carter-Korth Oil Burner	54-30-SA	Hart Automatic Oil Burner, Model Series	
Carter Oil Burner, Models 4X and 5X....	117-34-SA	"DO"	595-29-SA
Century Oil Burner	157-28-SA	Hart Oil Burner, Model "H"	221-33-SA
Challenger Kleen Heat Burner, Series No. 100	813-28-SA	Hayward Oil Burner	696-30-SA
Challenger Oil Burner, Model "A".....	86-34-SA	Heatiator Oil Burner.....	1346-23-SA
Chalmers Automatic Oil Burner, Models D1		Heil Combustion Fuel Oil Burner.....	1105-22-SA
and D2	608-32-SA	Heil Combustion Fuel Oil Burner, Type B	295-29-SA
Commonwealth Automatic Oil Burner.....	348-28-SA	Hercules Oil Burner.....	510-29-SA
Cook's Automatic Oil Burner.....	955-27-SA	Hercules Oil Burner, Models H and HF..	309-33-SA
Cope-Swift Safety Automatic Oil Burner..	354-31-SA	Hercules Oil Burner, Models M 1200 and	
Crescent Oil Burner.....	222-29-SA	M 1800	486-32-SA
Crescent Type M Size I Oil Burner and		Holby Type A Fuel Oil Burner.....	688-29-SA
Models 8, 18 and 28.....	592-31-SA	Holland Type "F" Oil Burner.....	237-34-SA
Crown Oil Burner, Type XA.....	426-29-SA	Homer Domestic Oil Burner.....	1211-25-SA
Crystal Blue Flame Oil Burner.....	423-29-SA	Hupp Oil Burner, Models H, U, P and PP..	10-34-SA
Dahl Vaporizing Oil Burner.....	915-26-SA		
D'Elia Oil Burner.....	155-31-SA	Improved Kres-Kno Oil Burner and Model	
Delco Heat Oil Burner.....	420-31-SA	MD	591-29-SA
DeWalt Oil Burner.....	541-31-SA	Inferno Oil Burner.....	82-33-SA
Dist-o-matic Oil Burner.....	663-28-SA	International Mechanical Draft Oil Burner	372-30-SA
Doe Oil Burner.....	317-31-SA	International Oil Burner.....	1305-24-SA
Doherty Oil Burner.....	943-26-SA		
Economy Oil Burner, Type A-1.....	45-31-SA	Jacobsen Balanced Oil Burner, (Model V-1)	333-33-SA
Eisler Automatic Oil Burner.....	481-27-SA	Johnson Improved Rotary Fuel Oil Burner	938-22-SA
Elec-tro-matic Oil Burner, Type 151.....	125-33-SA	Joyce Oil Burner.....	852-26-SA
Electrol Automatic Oil Burner and Models			
BB, C and EA.....	259-25-SA	K. F. C. Oil Burner.....	846-25-SA
Ember-Glo Oil Burner.....	462-32-SA	Kelco Oil Burner.....	237-33-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Kelvinator Oil Burner.....	339-31-SA
		Kelvinator Oil Burner, Model K.....	105-34-SA
		KeWaNee Oil Burner, Model "C".....	518-32-SA
		Kleen Heat Oil Burner.....	62-24-SA

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Kleen Heet Oil Burner, Type R.....	49-33-SA	Petroleum Heat & Power Company Fuel Oil Burner Model W-AH	614-32-SA
Korth Oil Burner, Model G	136-34-SA	Pioneer Automatic Oil Burner.....	1259-27-SA
Kreager Oil Burner.....	367-30-SA	Powerlight Oilheat Burner	628-23-SA
Kres-Kno Oil Burner.....	443-28-SA	Pressure Oil Burners, Models A, B and C..	146-31-SA
Laco Oil Burner, Model NL.....	670-30-SA	Presto Automatic Oil Burner.....	294-34-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Prize Automatic Oil Burner, Models A, B and C	600-31-SA
Lange Economical Oil Burner.....	355-33-SA	Progressive Oil Burner, Models G4, G5, G6 and G7	411-32-SA
Lawrence May Oil Burner.....	1034-27-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Leader Oil Burner.....	425-31-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Rayfield Oil Burner.....	504-26-SA
Liberty Automatic Heater.....	129-28-SA	Real Host Oil Burner.....	38-34-SA
Liberty Pressure Oil Burner.....	75-34-SA	Re-Ly-On Oil Burner.....	745-26-SA
Lonergan Automatic Oil Burner.....	208-33-SA	Remington Domestic Oil Burner, Type B..	532-31-SA
Lynn Power Oil Burner, Models 1, 2 and 3.	166-34-SA	Remington Oil Burner.....	891-26-SA
"M W" Domestic Oil Burners, Models Nos. 25, 26, 65, 66, 307, 308, 309, 400 and 800...	341-32-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
M. W. Oil Burning Water Heater.....	737-29-SA	Richmond Gravity Fuel Oil Burner.....	1193-22-SA
Magna Fuel Oil Burner.....	197-33-SA	Rickard Oil Burner	1011-27-SA
Majestic Oil Burner.....	693-30-SA	Rotoflame Oil Burner	187-33-SA
Marr Oil Burner, Model H, Type R.....	765-26-SA	Ryan & Scully Commercial and Domestic Oil Burner	304-32-SA
Master-Kraft Oil Burner.....	83-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
May Oil Burner.....	68-24-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
May Oil Burner, Type BB.....	46-34-SA	S-K Oil Burner, Model F.....	369-33-SA
Mayfield Oil Burner.....	568-31-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Mayflower Oil Burner.....	124-29-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
McIlvane Oil Burner.....	544-29-SA	S. T. Johnson Oil Heat Servant.....	157-34-SA
Melco Automatic Oil Burner, Type "A"....	1032-25-SA	Schulse Home Oil Burner.....	1487-23-SA
Merco Oil Burner.....	637-29-SA	Scott-Newcomb Pioneer Oil Burner, Models C, CA, CJ, CV and SN Junior.....	436-32-SA
Midget Oil Burner.....	155-34-SA	Security Oil Burner.....	56-28-SA
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA	Shepard Oil Burner.....	563-30-SA
Monitor Oil Burner.....	202-34-SA	Shill Oil Burner.....	315-30-SA
Morrissey Oil Burner.....	673-27-SA	Silent-Auburn Fuel Oil Burner, Models A, B, C and O.....	463-31-SA
Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3, and MP-1...	359-33-SA	Silent Automatic Oil Burner.....	458-26-SA
Morse Conical Type Steam Atomizing Burner	938-25-SA	Silent Automatic Burner, Model "B".....	709-30-SA
Morse Fan Tail Type Steam Atomizing Burner	939-25-SA	Silent Automatic Burner, Model "E".....	710-30-SA
Morse Fuel Oil Burner.....	820-23-SA	Silent Flash Oil Burner, Model C1.....	38-33-SA
Moto-Heat Oil Burner.....	195-32-SA	Silent Glow Oil Burner, Model G.....	600-30-SA
Mousette Oil Burner.....	887-25-SA	Silent Glow Oil Burner, Models 800, 1000, 1800 and 2800	345-31-SA
National Airoil High Pressure Burner.....	185-29-SA	Simplex Domestic Oil Burner, Type P.A..	446-30-SA
National Airoil Low Pressure Burner.....	186-29-SA	Simplex Domestic Type "S.P." Oil Burner..	145-31-SA
National Airoil Type D-R Rotary Oil Burner	548-31-SA	Socony Arrow Oil Burner.....	1191-24-SA
National Rotary Oil Burner.....	836-25-SA	Standard Automatic Oil Burner, Type 14-G	536-31-SA
New Perfection Oil Burner, Type "C".....	518-29-SA	Standard Automatic Oil Burner, Type 11-G	537-31-SA
New Process Oil Burner.....	1071-27-SA	Standardyne Oil Burner.....	34-34-SA
Nichols-McCann-Harrison Burners.....	255-31-SA	Stephens Oil Burner, Models Nos. 1 and 2....	146-33-SA
Noiseless Nokol Model G Oil Burner.....	801-28-SA	Stuhler Oil Burner.....	618-27-SA
Noiseless Nokol Rotary Oil Burner, Model R	584-28-SA	Summerheat Oil Burner.....	581-26-SA
Nokol Automatic Burner.....	1078-24-SA	Sundstrand Automatic Oil Burner.....	755-26-SA
Norge Oil Burner Models N8, N18 and N28	226-34-SA	Sundstrand Purnaco Automatic Oil Burner, Models A-2, 4-B, C-5, A-3U, 3K, B-5U, B-5K and C-6U.....	658-30-SA
Nu-Way Oil Burner.....	773-26-SA	Sunflower Model S-1 Oil Burner.....	657-29-SA
Oilbuilt Burner	85-33-SA	Sunflower Oil Burner, Model S-2.....	587-30-SA
Oliver Oil Gas Burner, No. 30-A.....	1359-24-SA	Sun Heat Oil Burner.....	603-29-SA
Oronoke Oil Burner.....	394-30-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Orr Fuel Oil Burner	113-26-SA	Sunway Oil Burner.....	624-30-SA
Packard Fuel Oil Burner.....	77-34-SA	Super Automatic Oil Heater Model SSH..	715-29-SA
Paramount Oil Burner.....	1193-25-SA	Superfex Oil Burner, for Warm Air Furnaces	400-32-SA
Paramount Oil Burner, Model A.....	617-30-SA	Superheat Oil Burner, Model D.....	254-33-SA
Pascoe Oil Burner.....	1029-26-SA	Sword Automatic Oil Burner.....	951-25-SA
Perfect-Pantex Oil Burner.....	271-33-SA	Tabor Automatic Oil Heater, Type "D"....	778-28-SA
Petro Domestic Burner.....	161-26-SA		
Petro Model T Oil Burner.....	451-31-SA		
Petro Model W Oil Burner.....	452-31-SA		
Petro Burner, Model O.....	78-28-SA		
Petro Burner, Model P-2.....	735-30-SA		
Petro Oil Burner, Model W-2	244-33-SA		
Petro Oil Burner, Models W-1 and W-1½..	245-33-SA		
Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15	40-31-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Thoroburn Oil Burner, Model A-1-16-G....	269-33-SA	Viking Oil Burner.....	396-32-SA
Timken Oil Burner, Model 20.....	287-28-SA	Volcano Automatic Oil Burner.....	556-29-SA
Timken Rotary Oil Burner.....	297-29-SA	Volcano Automatic Oil Burner, Models EW-1, EW-1-S and EW-2.....	341-33-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Todd Rotary Burner, Models A, B and C..	454-25-SA	Wayne Oil Burner.....	1155-25-SA
Todd Spiro Oil Burner	470-31-SA	Wayne S-2 Domestic Oil Burner.....	115-32-SA
Todd Spiro Burner (pump type).....	94-32-SA	Wheco Oil Burner.....	108-34-SA
Toridheet Oil Burner.....	63-23-SA	Williams Oil-O-Matic Oil Burner, Models J, JJ, Junior, K, KA, KB, and R.....	918-22-SA
Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Twin City-on-the-Door Oil Burner.....	129-27-SA	Wisconsin Fuel Oil Burner, Models O, A and B	32-33-SA
Uni-Lec-Tric Oil Burner.....	498-29-SA	Wizard Automatic Oil Burner.....	181-33-SA
United States Oil Burner.....	620-28-SA	York Automatic Oil Burner.....	44-29-SA
Universal Fuel Oil Burner.....	6-24-SA	Yorktown Oil Burner.....	166-33-SA
Vapomatic Oil Burner	275-34-SA	Zenith Oil Burner	270-34-SA
Vaporoil Burner	44-32-SA		
Vesta Oil Burner	451-26-SA		
Victor Oil Burner	612-30-SA		
Victory Oil Burner	320-30-SA		

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

<i>Name of Pump</i>	<i>Calendar No.</i>	<i>Name of Pump</i>	<i>Calendar No.</i>
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Monroe Oil Pump	658-26-SA
Beach Russ Co. Rotary	1134-22-SA	Northern Rotary	1396-24-SA
Blackmer Rotary	935-24-SA	Pascoe Pump Set	1029-26-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Century Rotary	908-21-SA	Quiet May Gerotor Pump	267-32-SA
Cook Electric Oil Pump	603-25-SA	Quimby Screw Pump	1193-21-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Auto Heat Oil Burner.....	284-33-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morse Fuel Oil Burner.....	820-23-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Automatic Oil Burner.....	1363-23-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Nichols-McCann-Harrison Burners	255-31-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	North American Low Pressure Oil Burner....	792-26-SA
Berggren Oil Burner.....	764-26-SA	Oilbilt Burner	85-33-SA
Best Calorex Burner.....	1464-21-SA	Oronoke Oil Burner.....	394-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Packard Fuel Oil Burner.....	77-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Paramount Oil Burner, Model A.....	617-30-SA
Brighton Oil Burner.....	372-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Burnwell Mechanical Burner.....	957-22-SA	Petro Model W Oil Burner.....	452-31-SA
Caloroil Burner, Type AA.....	1361-24-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Coen Mechanical Oil Burner	942-21-SA	Presto Automatic Oil Burner.....	294-34-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
D'Elia Oil Burner.....	155-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
DeWalt Oil Burner.....	541-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Doe Oil Burner.....	317-31-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rockwell Fuel Oil Burner	341-21-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Fess Turbine Burner and Airoil Fan and Pump Set	26-22-SA	S. K. Oil Burner, Model F.....	369-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Gem Fuel Oil Burner.....	111-26-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Standardyne Oil Burner.....	34-34-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Steam Oil Burner.....	183-22-SA
Ghapco Steam Generator.....	348-31-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Sun Heat Oil Burner.....	603-29-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sunway Oil Burner.....	624-30-SA
Grant Oil Burner, Model "C".....	232-32-SA	Surface Combustion Low Pressure Burner....	92-23-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Harris Fuel Oil Burner.....	690-30-SA	Timken Rotary Oil Burner.....	297-29-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hayward Oil Burner.....	696-30-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Burner (pump type).....	94-32-SA
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Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
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Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
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Lonergan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
May Oil Burner.....	68-24-SA		
Midget Oil Burner.....	155-34-SA		
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
- 443-26-SA—American Anti-Syphon Valve.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 32-31-SA—Ray-Dio Sunshine Range Oil Burner.
- 209-32-SA—Crocker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 126-33-SA—Tower Range Oil Burner.
- 162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 349-33-SA—Herco Oil Burner.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.
- 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
- 125-34-SA—American Oil Burner.
- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 165-34-SA—Rose Oil Heater.
- 203-34-SA—King Oil Burner.

- 208-34-SA—Globe Oil Burner Pump.
- 221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).
- 224-34-SA—Progressive Press Machine Oil Burner.
- 234-34-SA—Bland Range Oil Burner.
- 256-34-SA—"Standard" One-Piece Closet Combination.
- 274-34-SA—B. & H. Radiant Stove Oil Burner.
- 291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 302-34-SA—Loyalty Range Burner.
- 311-34-SA—Evur-Ready Range Oil Burner, Models Leader, Standard, De Luxe and W-1.
- 313-34-SA—General Electric Oil Screen Valve (Anti-Syphon Type), Model CR-7860-E1A.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 329-34-SA—Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.
- 339-34-SA—Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115 and Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623.
- 345-34-SA—Micron Oil Burner.
- 351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.
- 354-34-SA—Kres-Kno Pressing Machine Burner, Model MD.
- 355-34-SA—Kres-Kno Range Oil Burner, Model MD.
- 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
- 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
- 360-34-SA—National Oil Burner, Model E-J.
- 361-34-SA—National Range Oil Burner.
- 364-34-SA—M. W. Oil Burning Range, Commercial Models 152 and 251 Domestic Models 101G and 126B.
- 365-34-SA—M. W. Water Heater, Model 20-D.
- 366-34-SA—M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801.
- 367-34-SA—M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450.
- 368-34-SA—Ray-Dio Sunshine Oil Burner.
- 3-35-SA—Yorktown Oil Burner, Model A.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Crocker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Crocker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

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Requests to rescind	0
Requests for extension of time	5
Requests for extension permit	0
Requests for mechanical installations	0
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Requests for interpretation	0
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Rules disapproved, rescinded or withdrawn	0

MISCELLANEOUS ACTIONS.	
Requests to reopen granted	51
Requests to reopen denied	0
Requests to amend granted	39
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	0
Requests to rescind denied	0
Requests for extension of time granted	5
Requests for extension of time denied	0
Requests for extension of permit granted	0
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Requests to install denied	0
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Plans disapproved	0
Administrative requests granted.....	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	0
Total	134

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order. therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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52.05
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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription FEBRUARY 12, 1935 Single Copies, 5 cents No. 7
\$2.50 a year By mail, 8 cents

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman
BERNARD A. SAVAGE
CHARLES M. BLUM
CHIEF JOHN McELIGOTT
EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.
TELEPHONE—WORTH 2-0184.
OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.
All communications should be addressed to the chairman of the board

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Notices in Building Zone Cases.
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Minutes of Regular Meeting, February 5, 1935, at 2 P. M.
Approved Anti-Siphon Valves.
Approved Burners for Industrial Use.
Reserve Calendar.
Approved Fireline Hose Valves.
Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, February 11, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, February 18, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET

New Cases Filed up to February 6, 1935.

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29-35-SA.....	F.D.....	Aetna Range Oil Burner. Appliance.
28-35-A.....	D.B.M....	601-649 West 26th st., 600-652 West 27th st., 200-214 13th ave., and 245-259 11th ave. (Block 672, Lot 1), Manhattan. Appliance.
27-35-BZ.....	D.B.Bx...	3618-3640 Bailey ave., E. S. 100 ft. south of West 238th st. (Block 3262, Lot 58), The Bronx. F.P. Applic. 42-35.
26-35-BZ.....	D.B.Bx...	East 233rd st. N. E. cor. Oneida ave. (Block 3369, Lots 1, 40, 41, 42 and 43), The Bronx. Applic. 14-35.
		Applic. 7-35.

CODE

F.D.....	Fire Department
H.D.....	Health Department
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D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

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Fuel Oil Burners for Domestic and Commercial Use.....	Feb. 5, 1935—Vol. 20 No. 6
Fuel Oil Burners for Industrial Use..	Feb. 12, 1935—Vol. 20 No. 7
Fuel Oil Pumps.....	Feb. 5, 1935—Vol. 20 No. 6
Paint, Varnish and Lacquer Spraying Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
Range Oil Burners and Space Heaters	Jan. 15, 1935—Vol. 20 No. 3

COURT DECISION

Matter of Buffalo Wash Tray Works, Inc. (Murdock et al)—March 21, 1933, Board disapproved petition for approval of Can't Pull Anti-Syphon Trap; Cal. No. 137-31-SA. Mr. Justice Dore sustained Board (N. Y. L. J. October 7, 1933). App. Div. affirmed order sustaining Board (N. Y. L. J. February 2, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 11, 1935, AT 2 P. M.

Building Zone Cases.

- 359-34-BZ.
 APPLICANT—Kennedy & Ellner, for Dora Ginsberg, owner.
 PREMISES—Southeast corner of Kissena boulevard and Cherry avenue (Block No. 5192, Lot No. 34), Flushing, Borough of Queens.
 APPLICATION, under section 21 of the building zone resolution,
 TO PERMIT in a business district the erection and maintenance of a gasoline service station.
- 305-32-BZ.
 APPLICANT—Arthur H. Haaren, for Kesbec, Inc., owner.
 PREMISES—North side of Roosevelt avenue, 85 ft. east of 69th street; Northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.
 APPLICATION, under section 21 of the building zone resolution, (reopened July 10, 1934),
 TO PERMIT in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the Board).
- 349-34-BZ.
 APPLICANT—Christopher C. McGrath, for Blanche Rosenberg, owner.
 PREMISES—1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.
 APPLICATION, under section 21 of the building zone resolution,
 TO PERMIT in a business district the erection and maintenance of a gasoline service station.

FEBRUARY 13, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, February 13, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

- CAL. NO. 346-34-BZ—Application, December 7, 1934, under sections 7a and 21 of the building zone resolution, of Samuel Falk, applicant, on behalf of Nation Wide Petrol Corp., owner, to permit in a business district the alteration, extension and maintenance of a gasoline service station; premises 6501-6505 22nd avenue (Bay parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Brooklyn.
- CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station: premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

- CAL. NO. 316-34-BZ—Application, November 14, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, appli-

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cants, on behalf of Annie Carraher, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

CAL. NO. 324-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Barashay and Sugarman, applicants, on behalf of Kayson Lumber Co., Inc., owner, to permit in a business district the inclusion of a saw or planing mill in an existing lumber yard; premises 1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

CAL. NO. 722-23-BZ—Application of James Kearney, on behalf of Julia Hirsch, owner, reopened October 2, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the Board) so as to include a gasoline service station; premises 2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

FEBRUARY 13, 1935, 2 P. M.

Appeals from Administrative Orders.

260-34-A—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot. No. 20), Manhattan.

307-34-A—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

10-35-A—133 West 25th street, 4th floor (Block No. 801, Lot No. 19), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday afternoon, February 13, 1935, at 2 o'clock, in Room 1013, Municipal Building*, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 305-33-BZ—Application, September 19, 1933; withdrawn January 30, 1934; reopened September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of William Berg, owner, to permit in a business district the alteration and change of occupancy of an existing building to a gasoline service station; premises 104-106 Fourth avenue, southwest corner of Warren street (Block No. 401, Lot No. 38), Brooklyn.

CAL. NO. 140-34-BZ—Application, May 23, 1934; to permit a gasoline service station; withdrawn July 17, 1934; reopened January 22, 1935.

under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Carolernesto Realty Co., Inc., owner, to permit in a business district the alteration and conversion of occupancy of an existing building to an automobile repair shop; premises 3114 Jerome avenue, southeast corner of East 204th street (Block No. 3321, Lot No. 36), The Bronx.

CAL. NO. 229-31-BZ—Application of Matthew W. Del Gaudio, on behalf of Enavon Realty Corp. and Navone Bros., Inc., owners, reopened January 15, 1935, under sections 7e and 21 of the building zone resolution, to permit in a garage, extending from an unrestricted into a business district (erected under a variation granted by the board October 22, 1931) the omission of stores and the extension of the garage area with no exit in the business district; premises 18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Manhattan.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 18, 1935, at 2 P. M.

Building Zone Cases.

328-34-BZ.

APPLICANT—Henry Nordheim, for Max Mirowitz, owner.

PREMISES—1449 Vyse avenue, west side, 100 ft. south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

362-34-BZ.

APPLICANT—Abraham N. Horwitz, for 1230 Jerome Avenue Corp., owner.

PREMISES—1227-1229 River avenue and 1230 Jerome avenue, east side, 165 ft. 6 in. north of East 167th street (Block No. 2489, Lot. No. 8), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

4-35-BZ.

APPLICANT—Samuels and Samuels, for Approved Bond and Mortgage Co., Inc., owner.

PREMISES—Southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1), Woodhaven, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

FEBRUARY 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions

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of the building zone resolution, *Tuesday morning, February 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 290-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Levy and Berger, applicants, on behalf of 291 Greenwich Street Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1611-1619 Eastern boulevard, northwest corner of Morrison avenue (Block No. 3718, Lot No. 1), Borough of The Bronx.

CAL. NO. 460-26-BZ—Application of Thomas W. Lamb, Inc., on behalf of Brooklyn Ridgewood Corp., present owner, reopened September 11, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre (previously granted by the board, and time to complete building has expired); premises 4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Borough of Brooklyn.

CAL. NO. 335-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Calogero Pisciotta, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1704-1712 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Borough of Brooklyn.

CAL. NO. 343-34-BZ—Application, December 5, 1934, under section 21 of the building zone resolution, of Michael Levine, applicant, on behalf of Neslage Realty Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Brooklyn.

CAL. NO. 619-31-BZ—Application of James Kearney, on behalf of Estate of Israel Miller, owner, reopened May 8, 1934, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the Board for a temporary period; premises 148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 19, 1935, 2 P. M.

Appeals from Administrative Orders.

- 245-34-A—West side of Vernon boulevard, 90 ft. north of 43rd avenue (Block No. 484, Lot No. 23), Long Island City, Borough of Queens.
- 216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.
- 341-34-A—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.
- 312-34-A—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.
- 12-35-A—66-72 Leonard street and 235-245 Church street, southeast corner (Block No. 173, Lot No. 13), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, February 19, 1935*, at 2 o'clock, in Room 1013, Municipal Building on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 326-34-BZ—Application, November 16, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Engelbert Bick, owner, to permit in a business district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

CAL. NO. 231-34-BZ—Application, August 9, 1934, under section 21 of the building zone resolution, of Samuel M. Rivelson, applicant, on behalf of Constantinos Demetroukas, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 9402-9404 Church Avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Borough of Brooklyn.

CAL. NO. 271-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Henry C. Brucker, applicant, on behalf of Henry Schneider, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Cooper avenue, 130 ft. southwest of the corner of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

CAL. NO. 332-34-BZ—Application, November 26, 1934, under sections 7b, 7c and 21 of the building zone resolution, of Joseph V. O'Leary, applicant, on behalf of Spes Realty Corporation, owner, to permit partly in a business district and partly in an

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unrestricted district the erection and maintenance of a gasoline service station; premises 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 25, 1935, AT 2 P. M.

Building Zone Cases.

24-35-BZ.

APPLICANT—Julius Eckmann, for Henry S. Harper owner.

PREMISES—56 West 8th street (Block No. 553, Lot No. 14), Manhattan.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a business building (store).

296-32-BZ.

APPLICANT—Levy and Berger, for Kings Bay Realty Corp., owner.

PREMISES—115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

APPLICATION under section 21 of the building zone resolution (reopened January 15, 1935),

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

624-26-BZ.

APPLICANT—Leopold Spitz, for Apa Realty Corporation, present owner.

PREMISES—Southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

APPLICATION under section 7f of the building zone resolution (reopened November 13, 1934),

TO PERMIT in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the Board) for an additional temporary period of two (2) years.

FEBRUARY 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 292-34-BZ—Application, October 16, 1934, under section 21 of the building zone resolution, of John Palmeri, applicant and owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

CAL. NO. 283-34-BZ—Application, October 8, 1934, under section 21 of the building zone resolution,

of George I. Laird, applicant and owner, to permit partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages; premises 241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Brooklyn.

CAL. NO. 334-34-BZ—Application, November 27, 1934, under section 21 of the building zone resolution, of John F. Meehan, applicant, on behalf of Fred Starke, owner, to permit partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station; premises northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

CAL. NO. 3-31-BZ—Application of W. Bryce Rea, owner, reopened April 10, 1934, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a motor vehicle repair shop; premises 250-21 Northern boulevard, north side, 151 ft. east of 250th street (Block No. 3984, Lot No. 89), Little Neck, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

FEBRUARY 26, 1935, 2 P. M.

Petition for Variation.

358-34-S—5208-5216 Third avenue (Block No. 805, Lot No. 45), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, February 26, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 269-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Marcus Cohn, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040,

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Lot No. 87), Aqueduct, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

MARCH 5, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 5, 1935, at 10 o'clock*, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 113-34-BZ—Application, April 25, 1934, under section 21 of the building zone resolution, of Sidney Lipston, applicant, on behalf of Morris Gorelik, owner, to permit in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles; premises 1009 Myrtle avenue (Block No. 1749, Lot No. 48), Brooklyn.

CAL. NO. 287-34-BZ—Application, October 1, 1934, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, substituted for Howard Kelly, on behalf of Mutual Life Insurance Company, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

CAL. NO. 273-34-BZ—Application, August 23, 1934, under section 21 of the building zone resolution, of Nathan D. Shapiro & Bros., applicants, on behalf of Mansfield Service Station, Inc., owner, to permit in a residence district the extension of an existing gasoline service station and, also, the erection and maintenance of an office, auto laundry and greasing pits; premises 1314-1332 Ocean avenue, west side, 100 feet south of Avenue H (Block No. 6703, Lot No. 55), Brooklyn.

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone

resolution, of Mario J. Cafero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

MARCH 5, 1935, 2 P. M.

Appeal from Administrative Order.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

MARCH 12, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 12, 1935, at 10 o'clock*, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 299-34-BZ—Application, October 23, 1934, under section 21 of the building zone resolution, of Michael Glick, applicant, on behalf of Nathan Bensky, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Sedgwick avenue, 795 feet south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

CAL. NO. 317-34-BZ—Application, November 15, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Jean Levy and Benjamin Levin, owners, to permit partly in a residence use and partly in a business use and also "F" area district, the erection and maintenance of a gasoline service station; premises southeast corner of Grand Central Parkway and Parsons boulevard (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, FEBRUARY 5, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The Minutes of the regular meeting of the board held on Tuesday morning, January 29, 1935, and the Minutes of the regular meeting of the board held on Tuesday afternoon, January 29, 1935, were approved as printed in Bulletin No. 6, Vol. XX.

BUILDING ZONE CASES.

619-31-BZ.

APPLICANT—James Kearney, for Estate of Israel Miller, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the board for a temporary period (re-opened May 8, 1934).

PREMISES AFFECTED—148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: None.

For Opposition: None.

ACTION OF BOARD—Laid over to February 19, 1935, at 10 a. m., on telephonic request of applicants representative.

229-31-BZ.

APPLICANT—Matthew W. DelGaudio, for Enavon Realty Corp. and Navone Bros., Inc., owner.

SUBJECT—Application reopened January 15, 1935, under sections 7e and 21 of the building zone resolution (re decision of the superintendent of building) to permit in a garage, extending from an unrestricted into a business district (erected under a variation granted by the board October 22, 1931), the omission of stores and the extension of the garage area with no exit in the business district.

PREMISES AFFECTED—18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lots 53, 54, 77 and 78), Manhattan.

APPEARANCES—

For Applicant: Matthew W. DelGaudio and Emil Navone.

For Opposition: None.

ACTION OF BOARD—Laid over to February 13, 1935, at 2 p. m., for report of committee on inspection. No further argument.

264-34-BZ.

APPLICANT—William C. Goodson, for Bartholdi Turecamo, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line.

PREMISES AFFECTED—8412 Ridge boulevard (Block No. 6023, Lot No. 39), Brooklyn.

APPEARANCES—

For Applicant: William C. Goodson.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(264-34-BZ)

WHEREAS, William C. Goodson, for Bartholdi Turecamo, owner, filed September 12, 1934, an application under the building zone resolution to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line; premises: 8412 Ridge boulevard (Block No. 6023, Lot No. 39), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 5, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Ridge boulevard is in a residence use and "F" area district; 84th street is in a residence use and "E" area; and 85th street is in a residence use and "E" area district; and

WHEREAS, the decision of the commissioner of buildings, rendered August 24, 1934, re App. No. 10600-1934, reads:

"Proposed garage to be built within the 15 ft. restricted building line in an 'F' district (residence) contrary to zone resolution, art. 4, sec. 16."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 50 ft. and a depth of 100 ft. On the central portion of the plot there is located a two-story frame and brick dwelling, 26 ft. by 35 ft. in area. On the north-east front of the plot there was a garage, 12 ft. by 20 ft. in area, which is partly demolished. It is proposed to erect on the southeast front of the plot a garage, 12 ft. by 20 ft. in area. Said garage is to be located within 15 ft. of the building line; and

WHEREAS, the applicant contends that there existed a private garage erected on the building line to the north of the building to which the garage was accessory; that this garage has been demolished and that the proposed garage which is to the south of the building to which it is accessory is to replace this demolished garage and that there would be unnecessary hardship in compelling him to comply with the setback requirement of the "F" area district; and

WHEREAS, this site and surrounding section were inspected by a committee of the board on January 3, 1935, and it was the opinion of the committee that it was unfortunate that the owner desired to place this garage in the location requested because of appearance of the entire block front and also because of the presence of a large tree which would have to be removed to make possible an entrance to proposed garage; however, the committee was of the opinion that inasmuch as the owner has a right under the law to erect a garage at this point, provided he complies with the requirements for an "F" area district, the board might consider making a variation so that there be compliance with requirements of an "E" area district, which permit the garage to be constructed provided it is not nearer than 10 ft. to the street building line.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the area district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21, permitting the proposed private, one-car garage, to be constructed at the general location indicated on plans filed with this application, *on condition* that no part of garage shall be nearer than 10 ft. to the street building line; that other than as varied herein all requirements of the zoning law and other laws and regulations relative thereto shall be complied with.

310-34-BZ.

APPLICANT—Samuels and Samuels, for Emma L. Verran, owner.

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SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence use and also "E" area district the erection and maintenance of a multiple dwelling occupying a greater percentage of the lot permitted in an "E" area district and, also, erected nearer than ten (10) feet from the building lines, which is contrary to the requirements of the building zone resolution.

PREMISES AFFECTED—4204-4308 Atlantic avenue, block front, south side, between Beach 42nd to Beach 43rd streets (Block No. 7041, Lot Nos. 1 and 30), Sea Gate, Brooklyn.

APPEARANCES—

For Applicant: Archie H. Samuels, Max Siegel, Marcella Verran, Vernon Thomas, F. Ferrara, Emma L. Verran, Royal H. Willis, Ellen F. Laflin.

For Opposition: David Finkelstein, G. Davis, John P. Fox, Edmund McLean.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(310-34-BZ)

WHEREAS, Samuels and Samuels, attorneys for Emma L. Verran, owner, filed November 7, 1934, an application under the building zone resolution to permit in a residence use and also "E" area district the erection and maintenance of a multiple dwelling occupying a greater percentage of the lot than permitted in an "E" area district and, also, erected nearer than ten (10) feet from the building lines which is contrary to the building zone resolution; premises: 4204-4308 Atlantic avenue, block front, south side; from Beach 42nd street to Beach 43rd street (Block No. 7041, Lot Nos. 1 and 30), Sea Gate, Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 5, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the district maps accompanying the building zone resolution show that Atlantic avenue is in a residence use, E area and 1 times height district; Beach 42nd street is in a residence use, E area and 1 times height district; Beach 43rd street is in a residence use, E area and 1 times height district, and Surf avenue is in a residence use, E area and 1 times height district; and

WHEREAS, the decision of the commissioner of buildings, rendered November 5, 1934, re App. No. 14938-1934, reads:

"1. Building cannot occupy a greater percentage of lot than permitted in sec. 15 S.D. (C) building zone resolution, Note E residence district.

2. No portion of building shall be erected nearer than 10 feet to the line of any street laid out upon the City Map, sec 15 S.D. (D) building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 200 feet 2 inches on Atlantic avenue, 160 feet on Beach 42nd street and 160 feet 0-3/8 inch on Beach 43rd street, upon which it is proposed to erect a non-fireproof 6 story (65 feet in height) multiple dwelling 200 feet 2 inches by 145 feet, irregular, in area. The area of the lot is approximately 32,400 square feet; the area of the building is approximately 22,680 square feet. The lot in question is located in an E area district which limits the usable area of the lot at curb level to 19,400 square feet; this is based on 70 per cent of (2 corner lots at 8,000 square feet) 16,000 square feet which amounts to 11,200 square feet and also 50 per cent of 16,400 square feet (the interior lot portion)

which amounts to 8,200 square feet or a total usable area of 19,400 square feet; the area of the building being 22,680 square feet, the excess (usable) area requested is 3,280 square feet or approximately 10 per cent excess at curb level. Also the E area requirements limit the usable area of the building above a level 18 feet above the curb to 11,300 square feet; this is based on 40 per cent of (2 corner lots at 8,000 square feet) 16,000 square feet which amounts to 6,400 square feet and also 30 per cent of 16,400 square feet (the interior lot portion) which amounts to 4,920 square feet or a total usable area of approximately 11,500 square feet; this represents an excess area above the 18 feet level of approximately 11,380 square feet or approximately 100 per cent. Also, it is required that in an E area that no portion of any building shall be erected nearer than 10 feet to the building line of any street. In the proposed building part of the Atlantic avenue front—having a total frontage of 120 feet—is located within 5 feet of the building line and on the two other street fronts there is no setback. The plot is located in a 1 times height district; Atlantic avenue is 60 feet wide; the height of the proposed building is 65 feet high; but owing to the 5 foot setback of the building from the building line—which permits an additional height of 2 feet for each foot setback from the building line—the height (65 feet) of the Atlantic avenue facade of the building is in conformity with the height requirements. There is no setback from the building line of either Beach 42nd street or Beach 43rd street; and

WHEREAS, there has been no proof submitted to show that a multiple dwelling designed in accordance with the area requirements of an "E" area district could not be constructed and operated to provide a reasonable return on the investment; and

WHEREAS, no application has been made to the Board of Estimate and Apportionment for a general rezoning of the district in which the plot is located and it would appear that if this case were granted by the Board of Standards and Appeals it would change the character of this entire area and other applications on the part of other property owners for variations of the "E" area district requirements would be filed; and

WHEREAS, it was the prevailing opinion of the property owners in this area that any favorable action on the application by the board would result in injury to the surrounding property values; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 on the grounds of unnecessary hardship or practical difficulties;

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and the application be and it hereby is *denied*.

116-30-BZ.

APPLICANT—William Shary, for Samuel Rubin & Son, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under sections 7c and 21 of the building zone resolution, to permit in a residence district the alteration and conversion of occupancy of part of basement and first story of an existing apartment house from dwelling to business use (stores); (previously withdrawn; reopened November 7, 1934).

PREMISES AFFECTED—1401 Grand Concourse, southwest corner of East 170th street (Block No. 2842, Lot No. 59), The Bronx.

APPEARANCES—

For Applicant: Samuel Falk, William Shary, Sidney R. Diamond, Samuel Rubin, Jennie Miller, R. Lozner, Jacob O. Petersen.

For Opposition: J. Schulman, M. Schulman, Leon A. Momchin, Maurice Cohen.

ACTION OF BOARD—Application denied.

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THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Absent 0

THE RESOLUTION—

(116-30-BZ)

WHEREAS, this application affecting premises 1401 Grand Concourse, southwest corner of East 170th street (Block No. 2842, Lot No. 59), Borough of The Bronx, was filed February 14, 1930, by John J. Dunnigan, architect for the Conward Realty Co., owner, to permit in a residence use district the alteration and conversion of occupancy of part of basement and first story of an existing apartment house from dwelling to business use (stores); and

WHEREAS, this application was withdrawn June 3, 1930, and the present owner, Samuel Rubin and Son, Inc., through his architect, William Shary, requested a reopening of the case, and the case was reopened by vote of the board November 7, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 5, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that the Grand Concourse is residence; East 170th street is business and residence; Elliot place is residence; and

WHEREAS, the decision of the commissioner of buildings, rendered October 24, 1934, re Alt. App. No. 420-1934, reads:

"Proposed alteration and conversion of part of existing building located in a residence district to be occupied partly for business use (stores) is contrary to provisions of building zone resolution."

and

WHEREAS, the building is of non-fireproof construction, 5 stories in height, with a frontage of 103 feet on Grand Concourse and 135 feet on East 170th street. The westerly part of the existing apartment house extends into the business use district for a distance of 35 feet, the remainder of the building is located in the residence use district. It is pro-

posed to alter and to convert the occupancy from residence use to business use (stores) those parts of the 1st and basement stories of the building which face on the Grand Concourse and also on East 170th street from the Grand Concourse to a point 100 feet westerly therefrom; all of which lies within the residence use district. The remaining westerly portion of the apartment building (located in the business district) is occupied as stores on the 1st (or basement) story facing East 170th street. The westerly existing store is only one story in height; and

WHEREAS, this application was amended at the public hearing so that all entrances for business use would be confined to the East 170th street front of the building, eliminating business from the Grand Concourse frontage except for the return show window of the corner store; and

WHEREAS, the board deemed that there was no hardship shown but simply a desire to increase profit through the occupancy of the building with non-conforming uses which already exist illegally; and

WHEREAS, this application would, as stated at the hearing, be followed by applications of owners with properties similarly situated at cross streets at subway stations; and

WHEREAS, the board deemed that this variation would obviously injure business properties in the adjoining business area which are entitled to protection in that they are conforming uses in these areas; and

WHEREAS, this site was the subject of an inspection by a committee of the board on January 10, 1935; verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 7 (c) and 21 of the building zone resolution, and, therefore, was not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

Adjourned, 1:45 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, FEBRUARY 5, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

332-34-BZ.

APPLICANT—Joseph V. O'Leary, for Spes Realty Corp., owner.

SUBJECT—Application (re decision of commissioner of buildings), under sections 7b, 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot 42), Borough of Manhattan.

APPEARANCES—

For Applicant: None.

For Opposition: None.

ACTION OF BOARD—Laid over to February 19, 1935, at 2 p. m., pending report of committee on inspection. No further argument.

55-31-BZ.

APPLICANT—Gilbert Elliott, for Jack J. Falk, owner.

SUBJECT—Application for reopening—extension of time—re application (decision of the superintendent of buildings), under section 21 of the building zone resolution, permitting in a business district the alteration of a garage for the storage of more than five (5) motor vehicles (a garage previously granted by the board) so as to include a gasoline service station.

PREMISES AFFECTED—6401-6411 Fort Hamilton avenue (parkway) and 956-972 64th street (Block No. 5743, Lot Nos. 45, 48 and 50), Brooklyn.

APPEARANCES—

For Applicant: Gilbert Elliott.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

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THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(55-31-BZ)

WHEREAS, this application affecting premises 6401-6411 Fort Hamilton avenue (parkway) and 956-972 64th street (Block No. 5743, Lot Nos. 45, 48 and 50), Borough of Brooklyn, was granted by the board June 16, 1931, on certain conditions and amended to extend the time and applicant requests a further extension of time.

Resolved, that the resolution adopted by the board on June 16, 1931, be and it hereby is *amended* in view of statement by the applicant that plans have been filed with the commissioner of buildings and approved for this garage and gasoline service station, variances for which were granted under Cal Nos. 653-29-BZ and 55-31-BZ; extending the time within which to complete the work one year from the date of this amended resolution; that other than as amended herein the resolution adopted by the board on June 16, 1931, and as adopted by the board on March 18, 1930, in connection with Cal. No. 653-29-BZ, shall be complied with in all respects.

APPEALS FROM ADMINISTRATIVE ORDERS.

348-34-A.

APPELLANT—The Mantrose Corporation, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

APPEARANCES—

For Appellant: Samuel Rosenblum.

For Administration: None.

ACTION OF BOARD—Laid over to March 5, 1935, at 2 p. m., upon request of appellant's representative.

51-34-A.

APPELLANT—Henry Nordheim, for Golway Corporation, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—980 Prospect avenue, northeast corner of East 164th street (Block No. 2690, Lot No. 123). The Bronx.

APPEARANCES—

For Appellant: Henry Nordheim.

For Administration: None.

ACTION OF BOARD—Appeal withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

344-34-A.

APPELLANT—Sun Klean Chemical Co., Inc., lessee.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal dismissed.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(344-34-A)

WHEREAS, this appeal affecting premises 548 Cassanova street (Block No. 2768D, Lot No. 193), Borough of The Bronx, was filed with this board December 6, 1934; and

WHEREAS, the board deemed that no further adjournment should be permitted in this case, due to the hazardous conditions as reported by the representative of the fire department.

Resolved, that the appeal be and it hereby is *dismissed*.

8-35-A.

APPELLANT—Edwin H. Snackenberg, for Sinclair Refining Co., lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1908-1912 Park avenue (Block No. 1754, Lots 37, 38, 39, part of Lot Nos. 40 and 40½), Manhattan.

APPEARANCES—

For Appellant: Edwin H. Snackenberg.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(8-35-A)

WHEREAS, Edwin H. Snackenberg, for Sinclair Refining Co., lessee, filed January 5, 1935, an appeal from a decision of the commissioner of buildings, affecting premises 1908-1912 Park avenue (Block No. 1754, Lot Nos. 37, 38, 39 and part of Lot Nos. 40 and 40½), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, rendered January 3, 1935, re App. No. 174-1934, reads:

"2. No gasoline service station may be erected or extended on any portion of a street between two intersecting streets, in which portion there exists an exit from or an entrance to a public school; and in no case within a distance of 200 feet from the nearest exit from or entrance to a public school. Sec. 21, bldg. zone resol." and

WHEREAS, the premises consist of a vacant plot, 89 feet 11 inches by 90 feet in area, upon which it is proposed to erect a gasoline service station, located within an unrestricted district; and

WHEREAS, the appellant claims the premises at the southwest corner of East 130th street and Park avenue, consisting of five (5) vacant lots is under a single ownership; that the owner proposes to erect a gasoline service station on the interior portion of the premises which includes only three of the interior lots and parts of the other two lots, thereby forming one interior lot having 89 feet 11 inches frontage on the west side of Park avenue, beginning at a point 5 feet south of East 130th street; there is no school on the same street between the two intersecting streets in which the proposed station is to be erected; the nearest entrance to a school in line of travel around the corner is 325 feet from the premises in question; the appellant further proposes to erect a reinforced concrete wall 3 feet in height with an iron picket fence extending 3 feet above the wall, located along the northerly side lot line for its entire length, parallel to and 10 feet south of East 130th street; furthermore, the appellant contends that the proposed gasoline station will be erected in accordance with the requirements of all laws, rules and regulations; that the decision of the commissioner of buildings is in error as no violation of the zone resolution is intended; this appeal is not made for a variation of the zone resolution but is for the annulment of the decision of

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the commissioner of buildings in that it is not applicable to the premises in question; and

WHEREAS, there is no entrance or exit to a public school or school within the the prohibition of section 21 of the building zone resolution, within 200 feet of any portion of the gasoline service station area; and

WHEREAS, the board deemed that if a lot of substantial size intervened between the proposed gasoline station and the line of 130th street and the erection of a substantial wall along the line of the proposed gasoline service station would prevent ingress or egress to or from the street on which the school is located, the intent and spirit of the prohibition under section 21 of the building zone resolution is fully met.

Resolved, that the decision of the commissioner of buildings, in re App. No. 174-1934, be and it hereby is reversed and the board hereby declares that the intent of the zoning resolution as to the prohibition in section 21 against a gasoline service station being erected on a street between two intersecting streets on which there is an entrance or exit to a public school will be fully met in this particular instance provided that there shall be a wall constructed of reinforced concrete of a height of 3 feet, on top of which there shall be a heavy iron picket fence of an additional three feet in height, making a total height of 6 feet, this wall and fence to be erected and maintained continuously from the westerly lot line to Park avenue, starting at a point 20 feet southerly on the westerly interior lot line and running for a distance of 60 feet parallel to East 130th street and 20 feet therefrom and thence at an angle to a point 5 feet southerly from the corner formed by the intersection of East 130th street and Park avenue; and that the lot to the north along East 130th street located between the above described wall and fence and East 130th street shall be occupied for uses in no way connected as accessory or otherwise with the proposed gasoline station.

PETITIONS FOR VARIATIONS.

358-34-S.

PETITIONER—Slee and Bryson, for Daniel B. Seaver, owner.

SUBJECT—Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—5208-5216 3rd avenue (Block No. 805, Lot No. 45), Brooklyn.

APPEARANCES—

For Petitioner: John B. Slee and Elmer Blomberg.
For Administration: Inspector John J. Finneran, division of fire prevention, department of buildings.

ACTION OF BOARD—Laid over to February 26, 1935, at 2 p. m., pending an inspection by a committee of the board.

461-18-S.

PETITIONER—Central Hanover Bank and Trust Company, trustee.

SUBJECT—Application for reopening—amendment—re variation of the labor law as cited in order of the commissioner of buildings.

PREMISES AFFECTED—54-56 West Third street (Block No. 536, Lot No. 17), Manhattan.

APPEARANCES—

For Petitioner: Frank M. Creighton.

ACTION OF BOARD—Petition reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(461-18-S)

WHEREAS, this application affecting premises 54-56 West 3rd street (Block No. 536, Lot No. 17), Borough of Manhattan, was granted by the board February 21, 1918, on certain conditions and present owner requested an amendment of the resolution; the commissioner of buildings having issued the following order: Order No. 11504-L.D, Item No. 1—Provide proper egress to a point of safety from rear sub-standard fire escape as per rules of the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of February 21, 1918, by adding thereto the following:

“And permitting the existing sub-standard fire escape at the rear of the building to be completely removed, on condition that the primary and secondary means of exit, consisting of an enclosed stairway leading directly to the street and a front fire escape, shall comply with the requirements of the labor law; and that the building generally shall comply with all requirements of the labor law, building code and all other regulations relating thereto.”

APPLIANCES SUBMITTED FOR APPROVAL.

13-35-SA.

PETITIONER—John Manton Company, for National Airoil Company, owner.

SUBJECT—Nairoil Oil Burner, Type R, Model E, approved of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to engineer of the board and Bureau of Combustibles, Fire Department, for test and report.

17-35-SA.

PETITIONER—Joseph F. Donnelly, for Cleveland Steel Products Corp., owner.

SUBJECT—Toridheet Oil Burner, Model G, approval of.

APPEARANCES—

For Petitioner: Joseph F. Donnelly.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to engineer of the board and Bureau of Combustibles, Fire Department, for test and report.

11-31-SA

PETITIONER—Perferred Utilities Co., Inc., for Quaker Manufacturing Co., owner.

SUBJECT—Quaker Burnoil Stove—Application for reopening—amendment of resolution.

APPEARANCES—

For Petitioner: Frank Glanz.

ACTION OF BOARD—Petition reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(11-31-SA)

WHEREAS, this application for approval of the Quaker Burnoil Stove, was granted by the board September 12, 1933, under the provisions of Rule 22 of the then Fuel Oil Rules; and

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WHEREAS, the applicant requested an amendment of the resolution so as to meet the requirements of the present Oil Burner Rules.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Quaker Burnoil Stove for use in domestic and commercial installations, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals; that there shall be permanently affixed to this device a metal label or decalcomania, reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

Under Cal. No. 11-31-SA

Only an Approved Safety Can Shall Be Used In Filling This Storage Container.

That said device shall be operated with Range Oil or No. 1 Fuel Oil.

313-34-SA.

PETITIONER—S. A. Durbin, agent for General Electric Company, owner.

SUBJECT—General Electric Oil Screen Valve (Anti-Syphon type). Model CR7860-E1A, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with the report of the engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(313-34-SA)

WHEREAS, the General Electric Company, owner, filed November 9, 1934, a petition with the Board of Standards and Appeals for approval of their device known as General Electric Oil Screen Valve (anti-syphon type), Model CR7860-E1A; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The valve is designed to screen and filter the oil to prevent syphoning from the storage tank in case a break should occur in the oil line between the supply tank and the burner.

The valve consists of a casting tapped for inlet and outlet air connections. Mounted upon this casting are two cylindrical housings one inside the other. Between these housings there is provided a cylindrical screen through which all the oil must pass before entering the inner housing. The inner housing has a needle valve located in the top and encloses the syphon valve.

Oil from the supply tank is admitted through the inlet to the outer chamber and is free to fill the intermediate chamber entering the inner chamber since the valve is closed. The inside of the bellows, due to the opening to the atmosphere, is at atmospheric pressure. When the oil pump in the motor compressor starts, creating a vacuum and drawing oil through the outlet, the pressure is lowered in the inner chamber. As a result of this drop in pressure, atmospheric pressure causes the bellows to expand against the action of the valve spring, causing the valve to open. This permits oil in the intermediate chamber to flow into the inner chamber and thence to the burner, as long as suction is maintained by the oil pump. If a break should occur any-

where in the oil line between the burner and the screen valve, the suction is lost and the valve spring closes the valve, since both the inside and the outside of the bellows are at atmospheric pressure.

For the purpose of this test a valve was located in the highest of the supply line to a burner being 10 feet above the pump, and connected to a small 10-gallon oil supply tank. The pump on the burner was operated until the oil was observed to be flowing freely from the tank to the burner. The suction line was broken at the pump. The valve operated as designed and closed off the suction preventing any syphoning and the only oil to spill out was that contained in the suction line between the pump and the valve.

As a result of this test it is recommended that this valve be approved for use in fuel oil installations, when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Electric Oil Screen Valve, Model CR7860-E1A (anti-syphon type) for use in oil burner installations when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934.

360-34-SA.

PETITIONER—A. W. Dovel, agent for National Oil Burner Co., Inc., owner.

SUBJECT—National Oil Burner, Model E-J, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with the report of the engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(360-34-SA)

WHEREAS, A. W. Dovel, agent for the National Oil Burner Co., Inc., owner, filed December 21, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the National Oil Burner, Model E-J; and

WHEREAS, this device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the mechanical draft, pressure atomizing gun type, and is designed to use commercial grades of fuel oil No. 1-2-3. The burner consists of the following parts:

A Century 1/6 H.P. motor; a Tuthill Pump; Sirocco type fan pressure relief valve and strainer, manufactured by the Detroit Lubricator Company, and a standard nozzle manufactured by the Nitroil Laboratories.

Ignition—Electric. Webster transformer 110 to 10,000 volts.

Control—Protecto relay R-117-3; Pressuretrol L-404-2, manufactured by the Minneapolis Honeywell Company.

With the oil supply shut off and a cold combustion chamber, the burner was operated and the controls on two successive tests shut the burner down in 90 and 93 seconds, respectively. The oil supply was then turned on and the burner placed in normal operation for approximately one-half hour.

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During the period of test there was no fluctuation in the flame, and the same was clear of any soot or smoke. Examination of the combustion chamber showed no undue carbon deposits.

As a result of these tests, it is recommended that the National Oil Burner, Model E-J be approved for use in domestic and commercial installations when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, for oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the National Oil Burner, Model E-J for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, when used with fuel oil not heavier than No. 3. This device must bear a label of the decalcomania type or a metal label reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 360-34-SA

361-34-SA.

PETITIONER—A. W. Dovel, agent for National Oil Burner Co., Inc., owner.

SUBJECT—National Range Oil Burner, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with the report of the engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(361-34-SA)

WHEREAS, A. W. Dovel, agent for the National Oil Burner Co., Inc., owner, filed December 21, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the National Range Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner was installed in an ordinary range. The burner and unit consists of an iron casting having concentric rings, each casting being equipped with a individual iron stand. This stand has leveling screws, and one bolt for screwing it to the bottom of the ash pit. Setting into the rings are four chrome steel perforated shells. Between the outer two and inner two shells there is an asbestos wick. Over the top of the shells there is a pressed steel cover. The burner is equipped with metering valves of the "V" slot type, manufactured by the National Foundry Company.

The oil supply is from a two-gallon glass bottle protected by a metal basket having two handles. The base of the stand supporting the bottle is ten inches wide.

We tested this burner under actual operating conditions for a period of about fifty minutes. During the test there were no puffbacks due to faulty ignition.

In recommending these burners for approval, the inherent hazards due to their location and operation are recognized. It is therefore suggested that certain recommendations be carried out in their installation.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the National Range Oil Burner, when installed in accordance with the provisions of the Oil Burner Rules and with the following additional recommendations:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 in. in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustible chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by shield of at least $\frac{1}{2}$ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the stove or range in which the device is installed, including the oil supply container and stand.
10. The storage container shall bear a label permanently attached hereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 361-34-SA.

Only an Approved Safety Can Shall Be Used
in Filling This Storage Container.

11. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
12. The fuel oil used in this device shall be range oil or No. 1 or No. 2 fuel oil.

Adjourned, 4:30 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED ANTI-SIPHON VALVES

Dowie Combination Anti-Siphon Valve	222-33-SA	Genuine Detroit Anti-Syphon Valve, Model	
General Electric Oil Screen Valve, Model CR		CRC-100, Types V and S	182-34-SA
7860-E1A (Anti-Syphon Type)	313-34-SA	Grant Syphon Breaker	213-34-SA
		Preferred Type "B" Anti-Siphon Valve.....	192-34-SA

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Auto Heat Oil Burner.....	284-33-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morse Fuel Oil Burner.....	820-23-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Automatic Oil Burner.....	1363-23-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Nichols-McCann-Harrison Burners	255-31-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	North American Low Pressure Oil Burner....	792-26-SA
Berggren Oil Burner.....	764-26-SA	Oilbilt Burner	85-33-SA
Best Calorex Burner.....	1464-21-SA	Oronoque Oil Burner.....	394-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Packard Fuel Oil Burner.....	77-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Paramount Oil Burner, Model A.....	617-30-SA
Brighton Oil Burner.....	372-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Burnwell Mechanical Burner.....	957-22-SA	Petro Model W Oil Burner.....	452-31-SA
Caloroil Burner, Type AA.....	1361-24-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Coen Mechanical Oil Burner	942-21-SA	Presto Automatic Oil Burner.....	294-34-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
D'Elia Oil Burner.....	155-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
DeWalt Oil Burner.....	541-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Doe Oil Burner.....	317-31-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rockwell Fuel Oil Burner	341-21-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Fess Turbine Burner and Airoil Fan and Pump Set	26-22-SA	S. K. Oil Burner, Model F.....	369-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
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General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Standardyne Oil Burner.....	34-34-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Steam Oil Burner.....	183-22-SA
Ghapco Steam Generator.....	348-31-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Sun Heat Oil Burner.....	603-29-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sunway Oil Burner.....	624-30-SA
Grant Oil Burner, Model "C".....	232-32-SA	Surface Combustion Low Pressure Burner....	92-23-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
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Harris Fuel Oil Burner.....	690-30-SA	Timken Rotary Oil Burner.....	297-29-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hayward Oil Burner.....	696-30-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Burner (pump type).....	94-32-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
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RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

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281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

32-31-SA—Ray-Dio Sunshine Range Oil Burner.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

592-32-SA—Ameroil Oil Burner for Stoves and Ranges.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

126-33-SA—Tower Range Oil Burner.

162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

349-33-SA—Herco Oil Burner.

32-34-SA—Super Oil Burner for Pressing Machine.

88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.

92-34-SA—Autocall Interior Fire Alarm Signal Systems.

125-34-SA—American Oil Burner.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

208-34-SA—Globe Oil Burner Pump.

221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

256-34-SA—"Standard" One-Piece Closet Combination.

274-34-SA—B. & H. Radiant Stove Oil Burner.

291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

302-34-SA—Loyalty Range Burner.

311-34-SA—Evur-Ready Range Oil Burner, Models Leader, Standard, De Luxe and W-1.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

329-34-SA—Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.

339-34-SA—Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115 and Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623.

345-34-SA—Micron Oil Burner.

351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.

354-34-SA—Kres-Kno Pressing Machine Burner, Model MD.

355-34-SA—Kres-Kno Range Oil Burner, Model MD.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.

364-34-SA—M. W. Oil Burning Range, Commercial Models 152 and 251 Domestic Models 101G and 126B.

365-34-SA—M. W. Water Heater. Model 20-D.

366-34-SA—M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801.

367-34-SA—M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450.

368-34-SA—Ray-Dio Sunshine Oil Burner.

3-35-SA—Yorktown Oil Burner, Model A.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

13-35-SA—Nairoil Oil Burner, Type R, Model E.

17-35-SA—Toridheet Oil Burner, Model G.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

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WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First. That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second. That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third. That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth. That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth. That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order, therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth. That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN OF THE BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

FEBRUARY 19, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 8

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Approved Fuel Oil Pumps.

Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

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Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, February 18, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, February 25, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET

New Cases Filed up to February 13, 1935.

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36-35-SA.....	D.B.M....	65098-L.C. & Decision. "Kennedy Special Double Seal Joint Fitting" (Plumbing Device), Appliance.
35-35-A.....	F.D.....	693 Broadway (Block 535, Lot 52), Manhattan.
34-35-BZ.....	D.B.Q....	4877-L.C. 18-05 11th ave., E.S. 800 ft. south of Locke ave. (Block 4729, Lot 46), (Block 4732, Lot 9), (Block 4746, Lot 1), (Block 4747, Lot 1), Whitestone, Queens.
33-35-A.....	D.B.Q....	Alt. 291-35. 134-27 218th st. (Block 3590, Lot 13), Springfield, Queens.
32-35-A.....	D.B.M....	Order No. 67-35. 404 Sixth ave. (Block 572, Lot 2), Manhattan.
31-35-BZ.....	D.B.Bx...	18814-F. 1506 Jerome ave., E.S. 55.36 ft. north of East 172nd st. (Block 2846, Lot 4), The Bronx.
		Application 1999-33.

Restored to Calendar.

92-31-BZ.....	D.B.B....	8401-8411 Flatlands ave. and 769 East 84th st., N.E. cor. (Block 8005, Lots 6, 7 and 8), Brooklyn.
352-32-BZ.....	D.B.Bx...	Decision. 211th st. and Boston road, S.W. cor. (Block 4705, Lots 62-65), The Bronx.
53-31-BZ.....	D.B.Bx...	N.B. 237-32. West 230th st. and Spuyten Duyvil road, N.E. cor. (Block 3406-A, Lot 63 and part of Lots 62 and 64), The Bronx.
		Decision.

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H.D.....	Health Department
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CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 18, 1935, at 2 P. M.

Building Zone Cases.

328-34-BZ.
APPLICANT—Henry Nordheim, for Max Mirowitz, owner.
PREMISES—1449 Vyse avenue, west side, 100 ft. south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.
APPLICATION, under section 21 of the building zone resolution.
TO PERMIT in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

362-34-BZ.
APPLICANT—Abraham N. Horwitz, for 1230 Jerome Avenue Corp., owner.
PREMISES—1227-1229 River avenue and 1230 Jerome avenue, east side, 165 ft. 6 in. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.
APPLICATION, under section 21 of the building zone resolution.
TO PERMIT in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

4-35-BZ.
APPLICANT—Samuels and Samuels, for Approved Bond and Mortgage Co., Inc., owner.
PREMISES—Southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1), Woodhaven, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution.
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

FEBRUARY 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 19, 1935, at 10 o'clock, in Room 1013, Municipal Building.* on the following matters:

CAL. NO. 290-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Levy and Berger, applicants, on behalf of 291 Greenwich Street Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1611-1619 Eastern boulevard, northwest

CALENDAR

corner of Morrison avenue (Block No. 3718, Lot No. 1), Borough of The Bronx.

CAL. NO. 460-26-BZ—Application of Thomas W. Lamb, Inc., on behalf of Brooklyn Ridgewood Corp., present owner, reopened September 11, 1934, under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre (previously granted by the board, and time to complete building has expired); premises 4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Borough of Brooklyn.

CAL. NO. 335-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Calogero Pisciotta, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1704-1712 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Borough of Brooklyn.

CAL. NO. 343-34-BZ—Application, December 5, 1934, under section 21 of the building zone resolution, of Michael Levine, applicant, on behalf of Neslage Realty Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Borough of Brooklyn.

CAL. NO. 619-31-BZ—Application of James Kearney, on behalf of Estate of Israel Miller, owner, reopened May 8, 1934, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the Board for a temporary period; premises 148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 19, 1935, 2 P. M.

Appeals from Administrative Orders.

245-34-A—West side of Vernon boulevard, 90 ft. north of 43rd avenue (Block No. 484, Lot No. 23), Long Island City, Borough of Queens.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

341-34-A—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.

312-34-A—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.

6-35-A—1236 Castleton avenue (Block No. 212, Lot No. 36), West New Brighton, Borough of Richmond.

12-35-A—66-72 Leonard street and 235-245 Church street, southeast corner (Block No. 173, Lot No. 13), Manhattan.

22-35-A—West side of Beach 35th street, 20 feet north of Boardwalk (Block No. 10, Lot No. 1), Far Rockaway, Borough of Queens.

Petition for Variation.

21-35-S—305 East 47th street, 6th floor (Block No. 1340, Lot No. 3), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, February 19, 1935*, at 2 o'clock, in Room 1013, Municipal Building on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 326-34-BZ—Application, November 16, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Engelbert Bick, owner, to permit in a business district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Borough of Brooklyn.

CAL. NO. 231-34-BZ—Application, August 9, 1934, under section 21 of the building zone resolution, of Samuel M. Rivelson, applicant, on behalf of Constantinos Demetroukas, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 9402-9404 Church Avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Borough of Brooklyn.

CAL. NO. 271-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Henry C. Brucker, applicant, on behalf of Henry Schneider, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Cooper avenue, 130 ft. southwest of the corner of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

CAL. NO. 332-34-BZ—Application, November 26, 1934, under sections 7b, 7c and 21 of the building zone resolution, of Joseph V. O'Leary, applicant, on behalf of Spes Realty Corporation, owner, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan.

CALENDAR

CAL. NO. 140-34-BZ—Application, May 23, 1934; to permit a gasoline service station; withdrawn July 17, 1934; reopened January 22, 1935, under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Carolernesto Realty Co., Inc., owner, to permit in a business district the alteration and conversion of occupancy of an existing building to an automobile repair shop; premises 3114 Jerome avenue, southeast corner of East 204th street (Block No. 3321, Lot No. 36), The Bronx.

CAL. NO. 229-31-BZ—Application of Matthew W. Del Gaudio, on behalf of Enavon Realty Corp. and Navone Bros., Inc., owners, reopened January 15, 1935, under sections 7e and 21 of the building zone resolution, to permit in a garage, extending from an unrestricted into a business district (erected under a variation granted by the board October 22, 1931) the omission of stores and the extension of the garage area with no exit in the business district; premises 18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Manhattan.
HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 25, 1935, AT 2 P. M.

Building Zone Cases.

24-35-BZ.

APPLICANT—Julius Eckmann. for Henry S. Harper owner.

PREMISES—56 West 8th street (Block No. 553, Lot No. 14), Manhattan.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a business building (store).

296-32-BZ.

APPLICANT—Levy and Berger, for Kings Bay Realty Corp., owner.

PREMISES—115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

APPLICATION under section 21 of the building zone resolution (reopened January 15, 1935),

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

624-26-BZ.

APPLICANT—Leopold Spitz, for Apa Realty Corporation, present owner.

PREMISES—Southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

APPLICATION under section 7f of the building zone resolution (reopened November 13, 1934),

TO PERMIT in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the Board) for an additional temporary period of two (2) years.

5-35-BZ.

APPLICANT—Scacchetti and Siegel, for Eleto Realty Corp., owner.

PREMISES—4297-4301 Broadway (Block No. 2180, Lot No. 108), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

FEBRUARY 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 292-34-BZ—Application, October 16, 1934, under section 21 of the building zone resolution, of John Palmeri, applicant and owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

CAL. NO. 283-34-BZ—Application, October 8, 1934, under section 21 of the building zone resolution, of George I. Laird, applicant and owner, to permit partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages; premises 241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Borough of Brooklyn.

CAL. NO. 334-34-BZ—Application, November 27, 1934, under section 21 of the building zone resolution, of John F. Meehan, applicant, on behalf of Fred Starke, owner, to permit partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station; premises northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

CAL. NO. 3-31-BZ—Application of W. Bryce Rea, owner, reopened April 10, 1934, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a motor vehicle repair shop; premises 250-21 Northern boulevard, north side, 151 ft. east of 250th street (Block No. 3984, Lot No. 89), Little Neck, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 26, 1935, 2 P. M.

Appeal from Administrative Order.

307-34-A—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

Petition for Variation.

358-34-S—5208-5216 Third avenue (Block No. 805, Lot No. 45), Brooklyn.

CALENDAR

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, March 5, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 269-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Marcus Cohn, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens.

CAL. NO. 346-34-BZ—Application, December 7, 1934, under sections 7a and 21 of the building zone resolution, of Samuel Falk, applicant, on behalf of Nation Wide Petrol Corp., owner, to permit in a business district the alteration, extension and maintenance of a gasoline service station; premises 6501-6505 22nd avenue (Bay parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, MARCH 4, 1935, AT 2 P. M.

Building Zone Cases.

337-34-BZ.

APPLICANT—Solomon Gelfand, for Annie Livshitz, owner.

PREMISES—1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of an existing building to motor vehicle repair shops.

15-35-BZ.

APPLICANT—Edgar J. Moeller, for Claude H. Birdsall, owner.

PREMISES—2093-2099 Flatbush avenue and 4401-4413 Avenue "N," northeast corner (Block No. 7869, part of Lot No. 2), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

MARCH 5, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 5, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 113-34-BZ—Application, April 25, 1934, under section 21 of the building zone resolution, of Sidney Lipston, applicant, on behalf of Morris Gorelik, owner, to permit in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles; premises 1009 Myrtle avenue (Block No. 1749, Lot No. 48), Brooklyn.

CAL. NO. 287-34-BZ—Application, October 1, 1934, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, substituted for Howard Kelly, on behalf of Mutual Life Insurance Company, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

CAL. NO. 273-34-BZ—Application, August 23, 1934, under section 21 of the building zone resolution, of Nathan D. Shapiro & Bros., applicants, on behalf of Mansfield Service Station, Inc., owner, to permit in a residence district the extension of an existing gasoline service station and, also, the erection and maintenance of an office, auto laundry and greasing pits; premises 1314-1332 Ocean avenue, west side, 100 feet south of Avenue H (Block No. 6703, Lot No. 55), Brooklyn.

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone resolution, of Mario J. Cafiero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MARCH 5, 1935, 2 P. M.

Appeal from Administrative Order.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, February 26, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CALENDAR

CAL. NO. 324-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Barashay and Sugarman, applicants, on behalf of Kayson Lumber Co., Inc., owner, to permit in a business district the inclusion of a saw or planing mill in an existing lumber yard; premises 1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

CAL. NO. 722-23-BZ—Application of James Kearney, on behalf of Julia Hirsch, owner, reopened October 2, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the Board) so as to include a gasoline service station; premises 2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

MARCH 12, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 12, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 299-34-BZ—Application, October 23, 1934, under section 21 of the building zone resolution, of Michael Glick, applicant, on behalf of Nathan Bensky, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Sedgwick avenue, 795 feet south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

CAL. NO. 317-34-BZ—Application, November 15, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Jean Levy and Benjamin Levin, owners, to permit partly in a residence use and partly in a business use and also "F" area district, the erection and maintenance of a gasoline service station; premises southeast corner of Grand Central Parkway and Parsons boulevard (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens.

CAL. NO. 359-34-BZ—Application, December 20, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Dora Ginsberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Kissena boulevard and Cherry avenue (Block No. 5192, Lot No. 34), Flushing, Borough of Queens.

CAL. NO. 305-32-BZ—Application of Arthur H. Haaren, on behalf of Kesbec, Inc., present owner, reopened July 10, 1934, under section 21 of the building zone resolution, to permit in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the Board); premises north side of Roosevelt avenue, 85 feet east of 69th street; northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

MARCH 12, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, March 12, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 316-34-BZ—Application, November 14, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Annie Carraher, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

MARCH 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

WEDNESDAY MORNING, FEBRUARY 13, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The Minutes of the regular meeting of the board held on Tuesday morning, February 5, 1935, and the Minutes of the regular meeting of the board held on Tuesday afternoon, February 5, 1935, were approved as printed in Bulletin No. 7, Vol. XX.

BUILDING ZONE CASES.

346-34-BZ.

APPLICANT—Samuel Falk, for Nation Wide Petrol Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under sections 7a and 21 of the building zone resolution, to permit in a business district the alteration, extension and maintenance of a gasoline service station.

PREMISES AFFECTED—6501-6505 22nd avenue (Bay Parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Brooklyn.

APPEARANCES—

For Applicant: Samuel Falk.

For Opposition: Alderman Louis E. Isnardi, William B. Linder, David E. Aubach, Morris Selkowitz, David Batensky, James N. Butterly, Louis Levine, Mrs. J. Trebach, Morris Levine, O. Niest, Mrs. A. Niest.

ACTION OF BOARD—Laid over to February 26, 1935, at 2 p. m., for report of committee on inspection; no further argument.

288-34-BZ.

APPLICANT—Kennedy & Ellner, for Ignatz Whol, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

APPEARANCES—

For Applicant: C. Leventhal.

For Opposition: Julius L. Sackman.

ACTION OF BOARD—Laid over to March 19, 1935, at 10 a. m., on request of applicant's representative.

316-34-BZ.

APPLICANT—Samuels and Samuels, for Annie Carraher, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Archie H. Samuels and Joseph Carraher.

For Opposition: Gerson C. Young, William H. Orr, Louis Principe.

ACTION OF BOARD—Laid over to March 12, 1935, at 2 p. m., for report of committee on inspection. No further argument.

324-34-BZ.

APPLICANT—Barashay & Sugarman, for Kayson Lumber Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the inclusion of a saw or planing mill in an existing lumber yard.

PREMISES AFFECTED—1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

APPEARANCES—

For Applicant: Samuel M. Kassel.

For Opposition: Harry A. Gross, D. G. Glen, L. V. R. Stafford, G. Ferco, William M. Barrett, Lenore E. M. Gasan.

ACTION OF BOARD—Laid over to March 5, 1935, at 2 p. m., for report of committee on inspection. No further argument.

722-23-BZ.

APPLICANT—James Kearney, for Julia Hirsch, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the board) so as to include a gasoline service station (reopened October 2, 1934).

PREMISES AFFECTED—2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

APPEARANCES—

For Applicant: James Kearney.

For Opposition: None.

ACTION OF BOARD—Laid over to March 5, 1935, at 2 p. m., for report of committee on inspection. No further argument.

92-31-BZ.

APPLICANT—Abraham N. Horwitz, for Sarah Raskin and Yetta Raskin, owners.

SUBJECT—Application for reopening—reconsideration (by Court order)—re application (decision of the Superintendent of Buildings), under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station, denied June 20, 1933.

PREMISES AFFECTED—8401-8411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

APPEARANCES—

For Applicant: Abraham N. Horwitz.

ACTION OF BOARD—Application reopened, to be set for calendar call.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

Adjourned, 1:40 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

WEDNESDAY AFTERNOON, FEBRUARY 13, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

140-34-BZ.

APPLICANT—Matthew W. Del Gaudio, for Carolernesto Realty Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the alteration and conversion of an existing building to an automobile repair shop (previously withdrawn for a gasoline service station); reopened January 22, 1935).

PREMISES AFFECTED—3114 Jerome avenue, southeast corner of East 204th street (Block No. 3321, Lot No. 36), The Bronx.

APPEARANCES—

For Applicant: None.

For Opposition: Emilia Costalda.

ACTION OF BOARD—Laid over to February 19, 1935, at 2 p. m., upon written request of applicant.

229-31-BZ.

APPLICANT—Matthew W. DelGaudio, for Enavon Realty Corp. and Navone Bros., Inc., owner.

SUBJECT—Application reopened January 15, 1935, under sections 7e and 21 of the building zone resolution (re decision of the superintendent of buildings), to permit in a garage, extending from an unrestricted into a business district (erected under a variation granted by the board October 22, 1931), the omission of stores and the extension of the garage area with no exit in the business district.

PREMISES AFFECTED—18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lots 53, 54, 77 and 78), Manhattan.

APPEARANCES—

For Applicant: None.

For Opposition: None.

ACTION OF BOARD—Laid over to February 19, 1935, at 2 p. m., upon written request of applicant.

352-32-BZ.

APPLICANT—David S. Lang, for Max Goldman, owner.

SUBJECT—Application for reopening—extension of permit—re application (decision of the superintendent of buildings), granted under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southwest corner of 211th street and Boston road (Block No. 4705, Lot Nos. 62 and 65), The Bronx.

APPEARANCES—

For Applicant: David S. Lang.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

53-31-BZ.

APPLICANT—I. T. Flatto, owner.

SUBJECT—Application for reopening—amendment—re application (decision of the commissioner of build-

ings), under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the board for a temporary period).

PREMISES AFFECTED—Northeast corner of West 230th street and Spuyten Duyvil road (Block No. 3406-A, Lot No. 63 and part of Lot Nos. 62 and 64), The Bronx.

APPEARANCES—

For Applicant: I. T. Flatto.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

247-34-BZ.

APPLICANT—Mary Pestis & Joseph Pestis, owners.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the maintenance of a store for sale of ice at retail.

PREMISES AFFECTED—1546 St. Marks avenue, south side, 160 feet east of Saratoga avenue (Block 1459, Lot 18), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(247-34-BZ)

WHEREAS, this application affecting premises 1546 St. Marks avenue, 160 feet east of Saratoga avenue (Block No. 1459, Lot 18), Borough of Brooklyn, was filed August 24, 1934; and

WHEREAS, although applicant on several occasions was notified to complete her papers, she failed to do so.

Resolved, that the application be and it hereby is *dismissed for lack of prosecution*.

305-33-BZ.

APPLICANT—Samuels & Samuels, for William Berg, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of an existing building to a gasoline service station (previously withdrawn; reopened and restored to Calendar September 25, 1934).

PREMISES AFFECTED—104-106 4th avenue, southwest corner of Warren street (Block No. 401, Lot No. 38), Brooklyn.

APPEARANCES—

For Applicant: Samuel S. Feinberg, Max Siskind.
For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

MINUTES

THE RESOLUTION—

(305-33-BZ)

WHEREAS, Samuels and Samuels for William Berg, owner, filed September 19, 1933; withdrawn January 30, 1934; re-opened September 25, 1934, an application under the building zone resolution to permit in a business district the alteration and change of occupancy of an existing building to a gasoline service station; premises: 104-106 Fourth avenue, southwest corner of Warren street (Block No. 401, Lot No. 38) Borough of Brooklyn; and

KHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 13, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building resolution show that 4th avenue is in a business district; Warren street is in an unrestricted and business district and Baltic street is in an unrestricted and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered October 17, 1934, re App. No. 9611-1933—reads:

“Proposed gasoline service station to be located in a business use district is contrary to Art. II, Section 4a of the zone resolution.”

and

WHEREAS, the premises consist of a plot of ground having a frontage of 40 feet on 4th avenue and 80 feet 10 inches on Warren street, upon which is located a one story non-fireproof structure having a frontage of 80.10 feet on Warren street and 40 feet on 4th avenue. The building is vacant at present, formerly occupied as an auto showroom with a gasoline storage system for use of their own cars. It is proposed to remove the Warren street and 4th avenue street walls of the building and also a triangular portion of the roof having a frontage of 40 feet on 4th avenue and approximately 40 feet on Warren street, the remainder of roof to remain. It is proposed to install the necessary tanks and pumps for a gasoline service station. NOTE: There is a cellar located in the west portion of the existing building; and

WHEREAS, this application was the subject of an inspection by a committee of the Board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 305-33-BZ;

Premises—104-106 Fourth avenue, southwest corner of Warren street, (Block No. 401, Lot No. 38), Brooklyn.

This is an application under section 21 for a zoning variance to permit the reconstruction of an existing one-story commercial building for a gasoline service station. The premises are located at the southwest corner of Fourth avenue and Warren street, Brooklyn, in a district zoned for business.

Previous to this recent hearing the application was filed for the same owner by another applicant and after the public hearing the matter was laid over for inspection. It was represented that the building had been constructed three years before, that is, about 1930, for an automobile showroom and had been vacant more than three-fourths of the time since erection and that at the time of the hearing, namely January 16, 1934, was vacant and unoccupied. The application was laid over for inspection by a committee and such inspection was made January 18, 1934, and the committee found that the building was then occupied by an automobile agency and that the interior of the building had been newly decorated and was under lease by that tenant for one year. The tenant's representative expressed his satisfaction with the agency and stated that he expected to continue. On January 30, 1934, when the report of the committee of the board was read, the applicant withdrew the application with prejudice.

On September 25, 1934, the present applicant representing the same owner requested that the application be reopened and restored to the calendar. After the public hearing, the

premises were again inspected by a committee of the board on February 7, 1935. At this time the committee found that the premises were vacant. The statement was made at the hearing that the tenant had given up the lease voluntarily before the expiration thereof, having found the agency unprofitable for the sale of Buick automobiles. The appeal is apparently based on the inability of the owner to use the building for the purposes for which it was constructed, namely, an automobile showroom.

The committee is of the opinion that the failure of this particular tenant is no definite indication that the building cannot be so used. In the opinion of the committee, the building is readily adaptable to some commercial use and, if the automobile show room is not feasible, some other business use can be maintained. The building is readily adaptable by a simple alteration to stores, and from observation along this portion of 4th avenue, the stores are generally all occupied. It is readily understandable that the rents for stores may not be equal to the income from a gasoline station at this location. Except for a single pump stand across the street, which has existed for many years, this would be the nearest gasoline station on the right hand side of Fourth avenue proceeding from Atlantic avenue.

Reference was made to the fact that the premises under appeal back up on an unrestricted district and that the premises to the West are occupied as a public garage. The committee found that this garage was vacant at the present time. The committee however did not find that the nearness to this unrestricted district is a factor in this application. This unrestricted district continues northerly 100 feet away from Fourth avenue practically all the way from Times Plaza, and has not apparently interfered unfavorably with the construction of conforming uses between this site and that point. The committee is unwilling to recommend that this gas station should be erected in this area at this location which will undoubtedly be followed by other applications in this business portion of Fourth avenue. In the opinion of the committee there is no hardship shown or proven to indicate that this building cannot be used for conforming use. In the opinion of the committee it can be so used.

The committee recommends that this application be denied.

(Signed) H. H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the denial of the application and the board deemed that the applicant was not entitled to relief under Section 21 on the grounds of practical difficulty and unnecessary hardship,

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

618-29-BZ.

APPLICANT—Ralph Holding Corp., lessee.

SUBJECT—Application for reopening—amendment—re application (decision of the Superintendent of Buildings) under Section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—651-661 New York avenue, northeast corner of Hawthorne street (Block No. 4815, Lot Nos. 1 and 64), Brooklyn.

APPEARANCES—

For Applicant: Samuel Rosenwasser.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

MINUTES

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(618-29-BZ)

WHEREAS, this application affecting premises 651-661 New York avenue, northeast corner of Hawthorne street (Block No. 4815, Lot Nos. 1 and 64), Borough of Brooklyn, was granted by the board May 16, 1933 on certain conditions and the resolution amended from time to time and applicant now requests amendment as to signs.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted on condition* that there shall be erected on the two interior lot lines a masonry wall not less than 7 feet in height, which may be racked back at Hawthorne street and New York avenue, starting with 4 feet in height and at the rate of one foot in four feet; that the accessory building, including office building and building for housing all grease pits installed and any other accessory buildings, shall be located towards the rear of plot, and that the walls of these accessory buildings may be incorporated in the lot line wall herein required; that the area shall be either cement paved or covered with crushed blue stone; that there shall be erected along the street line a concrete curb, 12 inches in width and 6 inches in height, with openings therein not over 25 feet in width, with curb cuts not exceeding 30 feet in width opposite these openings in the concrete curb; that there shall be not over two (2) openings on New York avenue and not over one opening on Hawthorne street, which last named openings shall be within 35 feet of the intersection between Hawthorne street and New York avenue and that no part of any opening shall be closer than 10 feet of the said intersection; that all accessory buildings shall be of fireproof construction *except that the roof construction may be of incombustible material consisting of junior beams and gyp steel planks not less than 2 inches in thickness, surfaced with plastic slate, or rubberoid or equivalent incombustible material*, with no excavation under same except grease pits; that if sliding doors are installed on the openings to greasing pit sections of building a permanent ventilating fan shall be installed under the greasing floor exhausting to the outer air either through an area on these premises or through a metal duct carried above the roof line; that there shall be no window openings in the walls or buildings to the adjoining property; that no open flame shall be permitted on the property; that no portable gasoline tanks shall be used on or from the property; that all advertising shall be restricted to illuminated globes of the gasoline pumps and to flat, permanent signs placed against the front of accessory buildings or against the interior lot line walls *and to one illuminated sign erected on a steel pole within the building lines near the intersection of Hawthorne street and New York avenue*; that no gasoline pump shall be located nearer than 10 feet to the building line; that lights for general illumination at night shall have metal reflectors to reflect downwardly so as not to constitute a nuisance to the neighboring residential buildings; that complete working drawings shall be submitted for approval to this board before submission to the Commissioner of Buildings, and that all permits shall be obtained within six months from May 22, 1934 and any work involved shall be completed within one year from May 22, 1934.

APPEALS FROM ADMINISTRATIVE ORDERS.

307-34-A.

APPELLANT—Edwin W. Kleinert, for Wheeler Shipyard, Inc., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

APPEARANCES—

For Appellant: Edwin W. Kleinert.

For Administration: None.

ACTION OF BOARD—Laid over to February 26, 1935, at 2 p. m., for inspection by a committee of the board.

10-35-A.

APPELLANT—Benjamin Glazer, for American Spraying Co., lessee.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—133 West 25th street (4th floor); (Block No. 801, Lot No. 19), Manhattan.

APPEARANCES—

For Appellant: Samuel Rabinor.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Appeal withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

260-34-A.

APPELLANT—The Timken Silent Automatic Company, for Hoffman Estates, owner.

SUBJECT—Appeal from an order of the commissioner of buildings (previously dismissed for lack of prosecution; reopened and restored to Calendar December 11, 1934).

PREMISES AFFECTED—1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot No. 20), Manhattan.

APPEARANCES—

For Appellant: Arthur M. Pannaman and Thomas F. Leonard.

In Opposition: William P. Falkenstein, Board of Transportation and Otto G. Bueltner.

For Administration: Inspector Maher of Department of Buildings.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Absent 0

THE RESOLUTION—

(260-34-A)

WHEREAS, The Timken Silent Automatic Co., for Hoffman Estates, owner, filed September 7, 1934, dismissed November 7, 1934, reopened December 18, 1934, an appeal from an order of the commissioner of buildings, affecting premises No. 1491 Lexington avenue, northeast corner of East 96th street (Block No. 1624, Lot No. 20), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated August 31, 1934, re Applic. No. 413-1934, reads

"Fuel oil storage tank is within 20 ft. of subway structure. Fuel Oil Rule 3."

and

WHEREAS, the building is non-fireproof, 5 stories in height, 26 ft. by 96 ft. 11 in. in area; occupied: 1st story—store; upper stories—dwelling; and

MINUTES

WHEREAS, an oil burning equipment has been installed consisting of an approved Timken Rotary Burner, a 1,080 gals. capacity fuel oil tank and the necessary piping; and the tank being located in the cellar approximately 13 ft. from the subway wall; and

WHEREAS, appellant contends that owing to soil conditions (rock) the tank was located on the cellar floor of the building and enclosed in masonry in accordance with the fuel oil rules and contends further that the tank as located does not create a hazard; and

WHEREAS, it appears that plans were approved and permit issued by one division of the Department of Buildings and disapproved by another division of the same department; and

WHEREAS, it appears that these plans have not been followed, in that the fill pipe terminal has been installed at the center of the sidewalk, instead of at the curb as shown, creating a hazardous condition; and

WHEREAS, the premises were inspected by a committee of the board and a verbal report of this inspection was made by the chairman on behalf of the committee; and

WHEREAS, in the opinion of the committee, it would have been possible and practicable to comply with the requirements of the rules and to locate the tank in the cellar similar to the way it has been installed and still remain 20 ft. from the subway wall.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and the appeal be and it hereby is *denied*.

APPLIANCE SUBMITTED FOR APPROVAL 339-34-SA.

PETITIONER—John H. McKenna, agent for A. J. Lindemann and Hoverson Co., owners.

SUBJECT—Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115. Kerogas Duplex Oil Heater, Models 611, 622A and 623—approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Kerogas Hot Blast Oil Heater Models approved in accordance with report of engineer of the board and bureau of combustibles, fire department and Kerogas Duplex Oil Heater Models withdrawn.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(339-34-SA)

WHEREAS, John H. McKenna, agent for the A. J. Lindemann and Hoverson Co., owners, filed November 28, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115 and Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

KEROGAS HOT BLAST OIL HEATER.

MODEL 115 is of the atmospheric feed type. The burner consists of a circular iron casting having concentric rings, upon which are mounted 4 perforated cylindrical shelves. The oil supply to the burner is regulated by means of a needle type metering valve, manufactured by the Kerogas Company. This model (115) has only one burner unit, and is equipped with 4-gallon tank.

MODEL 135 is of the same type as the above with the exception that it has two burning units and is equipped with a 4-gallon supply tank. The level of the oil in the burner is maintained by means of a Detroit Lubricator Constant Level Valve.

MODEL 207 is a large space heater, equipped with two (2) 7-inch burners of the same type as described above and has a 4-gallon supply tank and Detroit Lubricator Constant Level Valve.

MODEL 110 is a large space heater, employing one (1) 10-inch unit, equipped with a 4-gallon tank and a Detroit Lubricator Constant Level Valve.

MODEL 210 is a large space heater having two (2) 10-inch burners of the same construction as mentioned above and has a 6-gallon supply tank. It is equipped with a Detroit Lubricator Constant Level Valve.

The tubing used for making the oil connections in all of these burners is extra heavy copper. All of these heaters are equipped with flue connections and automatic dampers. Proper air spaces are maintained between the tanks and the burner units to permit a free circulation of air so that when the burner is operating there is no appreciable rise in temperature in the oil storage container.

These burners were tested under actual operating conditions and in all cases the controls acted to prevent a flooding of the burner.

It is recommended that these space heaters and burners be approved, it is suggested that certain recommendations be carried out in the installation and incorporated on their instruction card;

and

WHEREAS, the applicant has withdrawn his request for approval of the Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623.

Resolved, that the Board of Standards and Appeals does hereby *approve* the Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115, for use with No. 1 fuel oil, *on condition* that this device shall comply with the Oil Burner Rules of the Board of Standards and Appeals, also the following additional requirements:

1. Only safety cans approved by the New York Fire Department shall be used for the storage and filling of oil containers.
2. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

Approved by THE

BOARD OF STANDARDS AND APPEALS

For Use In New York City
UNDER CAL. No. 339-34-SA

Only An Approved Safety Can Shall Be Used
In Filling This Storage Container.

3. Floor beneath the oil burning device shall be protected by a 1/2" asbestos or other equivalent shield, extending at least 12 inches beyond the outline of such device.
4. Automatic dampers must be provided in the flue of each burner.

and

That the application as to the approval of the Kerogas Duplex Oil Heater, Models 611, 621, 622A and 623 be and it hereby is *withdrawn*.

Adjourned, 4:30 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, January 29, 1935, as they appeared in Bulletin No. 6, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(347-34-A)

WHEREAS, Lee D. Miller, Deputy Commissioner for the Department of Hospitals, City of New York, owner, filed December 7, 1934, an appeal from a decision of the commissioner of buildings, affecting premises Main Building, Neponsit Beach Hospital, Beach 149th street and Ocean Promenade (Block 810, Lot No. 1), Neponsit, Borough of Queens; and

WHEREAS, the decision of the commissioner of buildings dated November 22, 1934, reads:

"Supplementing my communication to you of October 25, you are hereby advised that the structure supporting the standpipe reserve tank at the above premises is condemned as unsafe by this department as the result of our inspector's report which reveals a dangerous condition due to corroded and weakened members.

"It is therefore necessary that you proceed at once with corrective measures as prescribed under Section 581, Chapter 5, Code of Ordinances and Rule 9 of the Board of Standards and Appeals, to remedy this condition.

"We regret to inform you that your request to install a 4 in. street main connection and fire pump in lieu of a 3,500-gallon tank reserve is hereby denied for the reason that it does not lie within the jurisdiction of this department to waive or modify the provisions of Section 581, Chapter 5, Code of Ordinances and the rules of the Board of Standards and Appeals.

"We hope that this explanation will prove adequate and suggest that you proceed with the necessary work in accordance with regulations. Otherwise an appeal may be filed with the Board of Standards and Appeals."

and

* *Correction*—Word "automatic" changed to "existing" in the eighth line from end of resolution.

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, January 29, 1935, as they appeared in Bulletin No. 6, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(23-35-A)

WHEREAS, Clarence S. Stein, for Hillside Housing Corp., owner, filed January 23, 1925, an appeal from a decision of the Commissioner of Buildings affecting premises, south side of Hicks street, running through from Seymour avenue to Fenton avenue (Block No. 4720, Lot Nos. 1, 2, 5, 6, 7, 8, 9 and 15), Borough of the Bronx; and

WHEREAS, the decision of the commissioner of buildings rendered January 19, 1935, N. B. App. No. 76-1935, reads:

"1. Proposed construction of plastered partition does not conform to Plastering Rules."

and

WHEREAS, the premises consist of a plot of ground with a frontage of 182 ft. 4 in. and a depth of 647 ft. 7 in. on which it is proposed to erect a 4-story fireproof apartment house with a frontage of 182 ft. 4 in. and a depth of 342 ft. 3 in.; and

WHEREAS, it is proposed to erect partitions consisting of $\frac{3}{4}$ inch cold rolled channels weighing 276 pounds per thousand feet, secured to floor and ceiling with studs for the 2 inch solid partitions placed 3 feet on centers, studs being

* *Correction*—Word "each" changed to "one" in line 22 of resolution.

WHEREAS, the premises consist of a large plot about 1,000 feet by 501 feet, upon which is erected a fireproof building, 5 stories (70 feet) in height, 139 feet by 160 feet, irregular in depth; OCCUPIED as a hospital, not more than 60 persons per story; and

WHEREAS, the appellant claims the building was erected in 1915, equipped with a 4-inch standpipe system, fed from a gravity tank supported at the top of a steel tower about 50 feet from the building; the steel tower has become dangerous due to corrosion; corrective measures are being taken to remove the unsafe condition; this appeal does not apply to the unsafe portion of the order but is only for the omission of a gravity tank and permission to connect the standpipe system direct with the 12-inch water main on Rockaway Beach boulevard; such water main is fed two ways, has a water pressure of 50 pounds from which a water pressure of 25 pounds is maintained at the highest hose outlet, whereas from a roof gravity tank there would be at the most a water pressure of 10 to 11 pounds at the highest hose outlet; furthermore, siamese connections are provided at the front of the building, also an electric driven centrifugal fire pump is connected in the basement, manually operated and capable of delivering 500 gallons per minute at the highest hose outlet.

Resolved, that the decision of the commissioner of buildings dated November 22, 1934, be and it hereby is *modified* and that the appeal be and it hereby is *granted* permitting the Standpipe System to be fed from a new 4-inch street main connection to be used solely for standpipe purposes *on condition* that there shall be installed in the lowest story above or below the floor a suction tank with a capacity of not less than 1,000 gallons for supply for the existing fire pump; that such pump shall be capable of furnishing water at the highest outlet at the rate of not less than 500 gallons a minute and at a pressure of 25 pounds at such outlet; that such additional portable auxiliary fire-fighting appliances shall be installed as the commissioner may direct; that other than as modified herein, the Standpipe Rules of the Board of Standards and Appeals shall be complied with in all respects.

secured at both bottom and top, by use of a special clip; 3.4 pound Bar-X lath is placed on one side of the $\frac{3}{4}$ inch channel studs and securely wired to same with No. 18 gauge galvanized Hank Tie Wire; the ribs of this Bar-X lath are placed horizontally, extending across the $\frac{3}{4}$ inch channel studs; these ribs consist of two No. 11 rods, one on each side of the lath and are welded to the lath; and

WHEREAS, the appellant contends that the partitions so constructed provides a solid, strong and rigid partition, and the equivalent of the partitions required by the plastering rules.

Resolved, that the decision of the commissioner of buildings be and it hereby is *modified* and the appeal be and it hereby is granted in connection with N. B. Application No. 76-1934, permitting the 2-inch solid plaster partitions to be constructed within this building, *on condition* that these partitions shall not exceed 8 feet in height at any point; that the vertical channels shall not be spaced at any point more than 36 inches on centers; that the wire lath shall weigh at least 3.4 pounds per square yard; that the partition over all shall be not less than 2 inches in thickness and shall, when completed, consist of solid plaster completely through from side to side; that the horizontal stiffening rods shall be located not more than 7 inches apart; that this partition shall be used solely for the construction of room partitions within each individual apartment; that the plastering rules of the Board of Standards and Appeals shall be complied with in all other respects and that this variation shall not be deemed as a modification of the plastering rules for general application.

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Kolrid Range Burner.....	48-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	National Range Oil Burner.....	361-34-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Florence Range Burners.....	219-34-SA	Quaker Burnoil Stove	11-31-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Range Burner.....	304-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
		Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
		Superfex Oil Burning Heater	491-31-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

<i>Name of Pump</i>	<i>Calendar No.</i>	<i>Name of Pump</i>	<i>Calendar No.</i>
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Monroe Oil Pump	658-26-SA
Beach Russ Co. Rotary	1134-22-SA	Northern Rotary	1396-24-SA
Blackmer Rotary	935-24-SA	Pascoe Pump Set	1029-26-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Century Rotary	908-21-SA	Quiet May Gerotor Pump	267-32-SA
Cook Electric Oil Pump	603-25-SA	Quimby Screw Pump	1193-21-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
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BOARD OF STANDARDS AND APPEALS

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281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

32-31-SA—Ray-Dio Sunshine Range Oil Burner.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

592-32-SA—Ameroil Oil Burner for Stoves and Ranges.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

126-33-SA—Tower Range Oil Burner.

162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

349-33-SA—Herco Oil Burner.

32-34-SA—Super Oil Burner for Pressing Machine.

88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.

92-34-SA—Autocall Interior Fire Alarm Signal Systems.

125-34-SA—American Oil Burner.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

208-34-SA—Globe Oil Burner Pump.

221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

256-34-SA—"Standard" One-Piece Closet Combination.

274-34-SA—B. & H. Radiant Stove Oil Burner.

291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

302-34-SA—Loyalty Range Burner.

311-34-SA—Evur-Ready Range Oil Burner, Models Leader, Standard, De Luxe and W-1.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

329-34-SA—Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.

345-34-SA—Micron Oil Burner.

351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.

354-34-SA—Kres-Kno Pressing Machine Burner, Model MD.

355-34-SA—Kres-Kno Range Oil Burner, Model MD.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.

364-34-SA—M. W. Oil Burning Range, Commercial Models 152 and 251 Domestic Models 101G and 126B.

365-34-SA—M. W. Water Heater, Model 20-D.

366-34-SA—M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801.

367-34-SA—M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450.

368-34-SA—Ray-Dio Sunshine Oil Burner.

3-35-SA—Yorktown Oil Burner, Model A.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

13-35-SA—Nairoil Oil Burner, Type R, Model E.

17-35-SA—Toridheet Oil Burner, Model G.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
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Elkhart	15-31-SA

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WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order, therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

FEBRUARY 26, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 9

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN McELIGOTT

EDWARD V. BARTON, Chief Clerk

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, February 25, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, March 4, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

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Minutes of Regular Meeting, February 19, 1935, at 2 P. M.

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Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

CALENDAR

DOCKET.

New Cases Filed Up to February 20, 1935

Cal. No.	Department	Premises Affected
46-35-BZ.....	D.B.Bx...	1000 Grand blvd. and Concourse, N.E. cor. East 164th st. (Block 2461, Lot 90), The Bronx, N.B. 3-35.
45-35-BZ.....	D.B.Bx...	2356 University ave., E.S., 1,163.63 ft. north of West 183rd st. (Block 3212, Lot 57), The Bronx, Alt. 30-35.
44-35-BZ.....	D.B.Q....	Laurel Hill blvd. and 46th st., N.E. cor. (Block 2296, Lot 1), Woodside, Queens, N.B. 1720-34.
43-35-SA.....	D.B.M....	Universal Water Closet Unit, Models Castle No. 5232 and Climax No. 5022, Appliance.
42-35-A.....	D.B.Q....	50-18 Vernon blvd., N.W. cor. 51st ave. (Block 33, Lot 1), Long Island City, Queens, Alt. 5276-34.
41-35-A.....	B.B.....	313-315 Bowery and 5-7 Extra place (Block 457, Lots 5, 6, 49 and 50), Manhattan, Alt. 3111-34 and Decision.
40-35-SA.....	F.D.....	Ellington Range Oil Water Heater, Models M and J, Appliance.
39-35-SA.....	D.B.M....	De Bothezat Bifurcator (for paint spraying), Appliance.
38-35-A.....	D.B.M....	225-227 West 36th st. (Block 786, Lot 29), Manhattan, 17386-F, 17388-F and Decision.

Restored to Calendar.

182-30-BZ.....	D.B.B....	8918-8932 Fourth ave., N.W. cor. of 90th st. (Block 6064, Lot 65), Brooklyn, Decision.
205-34-SA.....	F.D.....	Automatic Firetox Extinguisher, Appliance.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
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B.B.....	Board of Buildings

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CALL OF CLERK'S CALENDAR

MONDAY, FEBRUARY 25, 1935, AT 2 P. M.

Building Zone Cases.

24-35-BZ.	APPLICANT—Julius Eckmann. for Henry S. Harper owner.
	PREMISES—56 West 8th street (Block No. 553, Lot No. 14). Manhattan.
	APPLICATION, under sections 7b and 21 of the building zone resolution,
	TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a business building (store).
296-32-BZ.	APPLICANT—Levy and Berger, for Kings Bay Realty Corp., owner.
	PREMISES—115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21). Brooklyn.
	APPLICATION under section 21 of the building zone resolution (reopened January 15, 1935),
	TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

624-26-BZ.	APPLICANT—Leopold Spitz, for Apa Realty Corporation, present owner.
	PREMISES—Southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.
	APPLICATION under section 7f of the building zone resolution (reopened November 13, 1934),
	TO PERMIT in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the Board) for an additional temporary period of two (2) years.

5-35-BZ.	APPLICANT—Scacchetti and Siegel, for Eleto Realty Corp., owner.
	PREMISES—4297-4301 Broadway (Block No. 2180, Lot No. 108), Manhattan.
	APPLICATION, under section 21 of the building zone resolution,
	TO PERMIT on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

CALENDAR

FEBRUARY 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, February 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 292-34-BZ—Application, October 16, 1934, under section 21 of the building zone resolution, of John Palmeri, applicant and owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

CAL. NO. 283-34-BZ—Application, October 8, 1934, under section 21 of the building zone resolution, of George I. Laird, applicant and owner, to permit partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages; premises 241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Borough of Brooklyn.

CAL. NO. 334-34-BZ—Application, November 27, 1934, under section 21 of the building zone resolution, of John F. Meehan, applicant, on behalf of Fred Starke, owner, to permit partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station; premises northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

CAL. NO. 3-31-BZ—Application of W. Bryce Rea, owner, re-opened April 10, 1934, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a motor vehicle repair shop; premises 250-21 Northern boulevard, north side, 151 ft. east of 250th street (Block No. 3984, Lot No. 89), Little Neck, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

FEBRUARY 26, 1935, 2 P. M.

Appeals from Administrative Orders.

307-34-A—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

6-35-A—1236 Castleton avenue Block No. 212, Lot No. 36), West New Brighton, Borough of Richmond.

19-35-A—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.

28-35-A—601-649 West 26th street, 600-652 West 27th street, 200-214 13th avenue and 245-259 11th avenue (Block No. 672, Lot No. 1), Manhattan.

32-35-A—404 Sixth avenue (Block No. 572, Lot No. 2), Manhattan.

35-35-A—693 Broadway, southwest corner of East 4th street (Block No. 535, Lot No. 52), Manhattan.

Petitions for Variations.

358-34-S—5208-5216 Third avenue (Block No. 805, Lot No. 45), Brooklyn.

25-35-S—2403 Hoffman street, northwest corner of East 187th street (Block No. 3056, Lot No. 24), The Bronx.

Appliances Submitted for Approval.

29-35-SA—Aetna Range Oil Burner.

36-35-SA—Kennedy Special Double Seal Joint Fitting (Plumbing Device).

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

40-35-SA—Ellington Range Oil Water Heater, Models M and J.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, February 26, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 269-34-BZ—Application, September 25, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Marcus Cohn, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens.

CAL. NO. 346-34-BZ—Application, December 7, 1934, under sections 7a and 21 of the building zone resolution, of Samuel Falk, applicant, on behalf of Nation Wide Petrol Corp., owner, to permit in a business district the alteration, extension and maintenance of a gasoline service station; premises 6501-6505 22nd avenue (Bay parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, MARCH 4, 1935, AT 2 P. M.

Building Zone Cases.

337-34-BZ.

APPLICANT—Solomon Gelfand, for Annie Livshitz, owner.

PREMISES—1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

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TO PERMIT in a business district the change of occupancy of an existing building to motor vehicle repair shops.

15-35-BZ.

APPLICANT—Edgar J. Moeller, for Claude H. Birdsall, owner.

PREMISES—2093-2099 Flatbush avenue and 4401-4413 Avenue "N," northeast corner (Block No. 7869, part of Lot No. 2), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

MARCH 5, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 5, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 113-34-BZ—Application, April 25, 1934, under section 21 of the building zone resolution, of Sidney Lipston, applicant, on behalf of Morris Gorelik, owner, to permit in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles; premises 1009 Myrtle avenue (Block No. 1749, Lot No. 48), Brooklyn.

CAL. NO. 287-34-BZ—Application, October 1, 1934, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, substituted for Howard Kelly, on behalf of Mutual Life Insurance Company, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

CAL. NO. 273-34-BZ—Application, August 23, 1934, under section 21 of the building zone resolution, of Nathan D. Shapiro & Bros., applicants, on behalf of Mansfield Service Station, Inc., owner, to permit in a residence district the extension of an existing gasoline service station and, also, the erection and maintenance of an office, auto laundry and greasing pits; premises 1314-1332 Ocean avenue, west side, 100 feet south of Avenue H (Block No. 6703, Lot No. 55), Brooklyn.

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone resolution, of Mario J. Cafiero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MARCH 5, 1935, 2 P. M.

Appeals from Administrative Order.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

341-34-A—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, March 5, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 324-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Barashay and Sugarman, applicants, on behalf of Kayson Lumber Co., Inc., owner, to permit in a business district the inclusion of a saw or planing mill in an existing lumber yard; premises 1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

CAL. NO. 722-23-BZ—Application of James Kearney, on behalf of Julia Hirsch, owner, reopened October 2, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the Board) so as to include a gasoline service station; premises 2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

CAL. NO. 335-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Calogero Pisciotta, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1704-1712 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Borough of Brooklyn.

CAL. NO. 343-34-BZ—Application, December 5, 1934, under section 21 of the building zone resolution, of Michael Levine, applicant, on behalf of Neslage Realty Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Borough of Brooklyn.

CAL. NO. 229-31-BZ—Application of Matthew W. Del Gaudio, on behalf of Enavon Realty Corp. and Navone Bros., Inc., owners, reopened January 15, 1935, under sections 7e and 21 of the building zone resolution, to permit in a garage, extending from an

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unrestricted into a business district (erected under a variation granted by the board October 22, 1931) the omission of stores and the extension of the garage area with no exit in the business district; premises 18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Manhattan.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR

MONDAY, MARCH 11, 1935, AT 2 P. M.

Building Zone Cases.

340-34-BZ.

APPLICANT—Richard Morrison, for New York Central Railroad Company, owner.

PREMISES—West side of Newell street, 72 feet 5 inches south of Gun Hill road (Block No. 3358, part of Lot No. 1), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the use of a plot of ground as a parking space for more than five (5) motor vehicles.

342-34-BZ.

APPLICANT—Albert M. Lee, for Seventy-Fourth Street Manhattan Corporation, owner.

PREMISES—231-233 West 74th street (Block No. 1166, Lot Nos. 13 and 14), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and conversion of two (2) existing dwellings into a building to be occupied for business purposes (stores on first story).

MARCH 12, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 12, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 299-34-BZ—Application, October 23, 1934, under section 21 of the building zone resolution, of Michael Glick, applicant, on behalf of Nathan Bensky, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Sedgwick avenue, 795 feet south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

CAL. NO. 317-34-BZ—Application, November 15, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Jean Levy and Benjamin Levin, owners, to permit partly in a residence use and partly in a business use and also "F" area district, the erection and maintenance of a gasoline service station; premises southeast corner of Grand Central Parkway and Parsons boulevard (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens.

CAL. NO. 359-34-BZ—Application, December 20, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Dora Ginsberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Kissena boulevard and Cherry avenue (Block No. 5192, Lot No. 34), Flushing, Borough of Queens.

CAL. NO. 305-32-BZ—Application of Arthur H. Haaren, on behalf of Kesbec, Inc., present owner, reopened July 10, 1934, under section 21 of the building zone resolution, to permit in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the Board); premises north side of Roosevelt avenue, 85 feet east of 69th street; northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

MARCH 12, 1935, 2 P. M.

Appeals from Administrative Orders.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

22-35-A—West side of Beach 35th street, 20 feet north of Boardwalk (Block No. 10, Lot No. 1), Far Rockaway, Borough of Queens.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, March 12, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 316-34-BZ—Application, November 14, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Annie Carraher, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

CAL. NO. 619-31-BZ—Application of James Kearney, on behalf of Estate of Israel Miller, owner, reopened May 8, 1934, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the Board for a temporary period; premises 148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

MARCH 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 19, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

CAL. NO. 328-34-BZ—Application, November 20, 1934, under section 21 of the building zone resolution, of Henry Nordheim, applicant, on behalf of Max Mirowitz, owner, to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1449 Vyse avenue, west side, 100 feet south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

CAL. NO. 362-34-BZ—Application, December 26, 1934, under section 21 of the building zone resolution, of Abraham N. Horwitz, applicant, on behalf of 1230 Jerome Avenue Corporation, owner, to permit in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1227-1229 River avenue and 1230 Jerome avenue, east side, 165 feet 6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

MARCH 19, 1935, 2 P. M.

Appeal from Administrative Order.

312-34-A—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.

MARCH 26, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 4-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Approved Bond and Mortgage Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1), Woodhaven, Borough of Queens.

HARRIS M. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, FEBRUARY 19, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Wednesday morning, February 13, 1935, and the minutes of the regular meeting of the board held on Wednesday afternoon, February 13, 1935, were approved as printed in Bulletin No. 8, Vol. XX.

BUILDING ZONE CASES.

335-34-BZ.

APPLICANT—Lama and Proskauer, for Calogero Pisciotta, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1704-1712 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: A. Davis and George Davis.

ACTION OF BOARD—Laid over to March 5, 1935, at 2 p. m., for report of committee on inspection. No further argument.

343-34-BZ.

APPLICANT—Michael Levine, for Neslage Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Brooklyn.

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APPEARANCES—

For Applicant: L. Orens and Michael Levine.
For Opposition: Jerome N. Wanshel, Joshua Edelman, Leonard Ring, Josephine M. Brennan, Frances Goldsmith, Mrs. G. Claude and Charles London.

ACTION OF BOARD—Laid over to March 5, 1935, at 2 p. m., for report of committee on inspection. No further argument.

619-31-BZ.

APPLICANT—James Kearney, for Estate of Israel Miller, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the board for a temporary period (reopened May 8, 1934).

PREMISES AFFECTED—148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: James Kearney and Samuel Rosenwasser.

For Opposition: None.

ACTION OF BOARD—Laid over to March 12, 1935, at 2 p. m., for report of committee on inspection. No further argument.

290-34-BZ.

APPLICANT—Levy & Berger, for 291 Greenwich Street Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1611-1619 Eastern boulevard (Ludlow avenue), northwest corner of Morrison avenue (Block No. 3718, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Isaac Corkland.

For Opposition: H. Kuttner, W. J. Shields, Sr., Sidney Kaufman, Harriet W. Sullivan and Rose A. Kaufman.

ACTION OF BOARD—Application withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

460-26-BZ.

APPLICANT—Thomas W. Lamb, Inc., for Brooklyn Ridgewood Corp., present owner.

SUBJECT—Application (re decision of the commissioner of buildings), under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre (previously granted by the board, and time to complete building has expired; reopened September 11, 1934).

PREMISES AFFECTED—4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Brooklyn.

APPEARANCES—

For Applicant: J. Henry Walters and H. J. Williams.

For Opposition: None.

ACTION OF BOARD—Action of the board of July 26, 1927, reaffirmed and resolution amended.

THE VOTE TO REAFFIRM AND AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(460-26-BZ)

WHEREAS, this application, affecting premises 4921-4923 Fifth avenue, 514-534 49th street and 513-533 50th street (Block No. 784, Lot No. 2), Borough of Brooklyn, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a theatre, was granted by the board October 26, 1926, permitting the erection of a theatre building within the residential use district for a distance of 161 ft. 4 in.; and

WHEREAS, under the date of July 26, 1927, the resolution was amended upon request, to permit the theatre building to extend into the residential use district for a distance of 136 ft. 9 in. on 50th street and 163 ft. 4 in. on 49th street; and

WHEREAS, the building department permits for the above work expired by limitation; and

WHEREAS, on September 11, 1934, the application was reopened for re-hearing, on request of Thomas W. Lamb, Inc., on behalf of the present owner, the Brooklyn Ridgewood Corporation, for a smaller extension into the residential use district, the distance being 92 ft. on 50th street, including the easterly open court and the same distance on 49th street, the building, however, setting back 40 ft. from the 49th street building line; the area of the theatre building in the residential use district as now proposed, is considerably less than originally granted by the board; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting February 19, 1934, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution indicate that 5th avenue is a business use district and 49th and 50th streets are residence and business use districts; and

WHEREAS, the decision of the commissioner of buildings dated July 31, 1934, re application No. 7685-34, reads:

"Proposed theatre to be located partly in a business use and partly in a residential district is contrary to Art. II, section 3 of the zone resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground, having a frontage of 27 feet on 5th avenue, 191 feet on 49th street; 194 feet 4 inches on 50th street and a distance of 200 feet 4 inches along the easterly lot line. It is proposed to erect upon the (westerly portion) of the plot a motion picture theatre. The main entrance to the theatre is through a foyer having a frontage of 27 feet on 5th avenue and a depth of 90 feet; the theatre building has a frontage of 92 feet on 50th street and a depth of 160 feet. It is proposed to maintain a 10 foot wide open court to the east of the proposed structure. The foyer and also the westerly ten (10) foot part of the theatre is in the business district and the remainder of the building and also the easterly open court is located in the residence district. The theatre has a total seating capacity (including orchestra and balcony) for 1,819 persons. Theatre to be used for motion pictures and also stage shows; the remainder of the plot to the east, not occupied by the theatre building and court, to be developed for conforming use; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under sections 7c and 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby reaffirm the variation in the application of the use district regulations of the building zone resolution granted by the board July 26, 1927, and amend the resolution adopted so that as amended the resolution shall read:

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"Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations under sections 7c and 21 of the building zone resolution to permit the construction of a one-story theatre building as described in the revised application as reopened September 11, 1934, and as shown on plans filed with such revised application marked 'Received October 8, 1934,' permitting this proposed building to extend within the district zoned for residence use for a distance of 92 feet between 50th street and 49th street eastwardly from the business use area along Fifth avenue *on condition* that there shall be erected on a line 92 feet eastwardly from the line separating the business use district from the residence use district and parallel thereto from 50th street to 49th street a continuous masonry wall or a substantial iron fence not less than 6 feet in height; that there shall be also erected along the 49th street building line for the full width of the plot a similar continuous wall or fence in which there may be a pair of gates and exits from the side courts; that the portion as indicated to be unbuilt upon from the rear wall of the theatre building to the 49th street building line, for a distance of approximately 40 feet and for the full width of the plot within the residential area shall be planted to grass and beautified by shrubs or other planting except for required legal courts until such time as this portion of the property is developed with a building for a use permitted within

the residential district, at which time the fence or wall along 49th street may be removed; that the height of this building above curb shall not exceed 70 feet for the auditorium section and 40 feet for the stage section; that the roof shall be constructed generally of the hip-roof type, as indicated, and shall not be used as a place of public assembly; that other than as varied herein the building shall in all respects comply with all laws, ordinances and regulations applicable thereto, and before construction, approval of the commissioner of licenses shall be obtained; that there shall be no advertising signs or bill-boards erected or displayed within the residential use area of these premises; that there shall be no wall or roof signs erected or maintained on any part of the building within said area; that the facades of the building facing 49th and 50th streets, within the residential area, shall be constructed of face brick or terra-cotta with natural stone or architectural terra-cotta trimmings and shall be of an architectural design in keeping with the residential use district; that there shall be no doors opening to 50th street except for exit purposes only; that all working drawings shall be filed within six months and all work shall be completed within eighteen months from the date of this amended resolution."

Adjourned, 12:45 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, FEBRUARY 19, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

229-31-BZ.

APPLICANT—Matthew W. DelGaudio, for Enavon Realty Corp. and Navone Bros., Inc., owner.

SUBJECT—Application reopened January 15, 1935, under sections 7e and 21 of the building zone resolution (re decision of the superintendent of buildings), to permit in a garage, extending from an unrestricted into a business district (erected under a variation granted by the board October 22, 1931), the omission of stores and the extension of the garage area with no exit in the business district.

PREMISES AFFECTED—18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lots 53, 54, 77 and 78), Manhattan.

APPEARANCES—

For Applicant: Matthew W. DelGaudio.

For Opposition: None.

ACTION OF BOARD—Laid over to March 5, 1935, at 2 p. m., for further consideration by the board.

182-30-BZ.

APPLICANT—Marshall and Marshall, for Jennie Macdonald, present owner.

SUBJECT—Application for reopening—restoration to Calendar, having been previously withdrawn—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to

permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—8918-8932 Fourth avenue, northwest corner of 90th street (Block No. 6064, Lot No. 65), Brooklyn.

APPEARANCES—

For Applicant: George A. Marshall.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

326-34-BZ.

APPLICANT—Lama & Proskauer, for Engelbert Bick, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a motor vehicle repair shop and also a gasoline service station.

PREMISES AFFECTED—789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief Kidney 4

MINUTES

Negative 0
Absent 0

THE RESOLUTION—

(326-34-BZ)

WHEREAS, Lama & Proskauer, for Engelbert Bick, owner, filed November 16, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Park avenue is in an unrestricted and business district; Bedford avenue is in a business district; Spencer street is in an unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered November 15, 1934, re App. No. 15511-1934, reads:

"Proposed gasoline service station and automobile repair shop to be located in a business use district, are contrary to Art. II, section 4a, sub-sections 29 and 46 of zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 47 feet 9 inches on Bedford avenue and 95 feet 1 inch on Park avenue, upon which it is proposed to erect a one-story structure, 63 feet by 24 feet 6 inches in area, to be used as automobile repair shop, grease pits and office (with cellar under the office). The remainder of the plot to be used as a gasoline service station. It is proposed to demolish the structure now on the premises; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made on February 7, 1935, and report of same read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 326-34-BZ.

Premises—789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

This application for a zoning variance under section 21 covers the premises at the northeast corner of Park avenue and Bedford avenue, Brooklyn. The size of the plot is 47 feet 9 inches on Bedford avenue and 95 feet 1 inch on Park avenue in an area zoned for business. Bedford avenue in this locality is zoned for business on each side for a depth of 100 feet but is zoned for unrestricted use in the rear. The business area, however, has many nonconforming uses nearby, for example, public garages at 752 and 788 Bedford avenue on the opposite sides; a gas station at 812 directly opposite; the building adjoining, formerly the ill fated American Theatre, is now called a garage, although apparently not so used.

On this site under appeal is a three-story building with four vacant tenements upstairs and a garage, automobile repair shop and store and office on the ground floor. Over such a street floor occupancy, the residential quarters are not desirable or safe and in the opinion of the committee, which inspected this area on February 7, 1935, removal of this building would be desirable. The gasoline station is a better condition if properly designed and maintained than the present structure. Aside from this, the committee finds that, located between an unrestricted district and a building supposedly a legal public garage next door, and with a plot of inadequate area to justify a development that would reasonably carry the property, sufficient hardship has been

shown to justify a recommendation that this appeal be granted to permit the erection of a gasoline service station with a limited space for light repairing as indicated on plans filed.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the granting of the application and the board deemed that the applicant had substantiated his basis of appeal under section 21 of the building zone resolution—hardship, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution under section 21 and that the application be and it hereby is *granted* permitting the site under appeal to be used for a gasoline service station *on condition* that the existing buildings on the plot shall be entirely removed and that all the excavation below grade shall be filled and the plot leveled substantially to the grade of Park avenue and Bedford avenue; that there shall be erected along the interior lot lines easterly from Bedford avenue and thence southerly to Park avenue, a wall constructed of face brick and suitably coped, not less than 8 feet in height; that the accessory buildings shall be located toward the northeasterly end of the plot, substantially as shown on plans filed with this appeal; that the rear wall of these accessory buildings may be incorporated in the lot line wall; that these accessory buildings shall consist of a section for office, grease pits and repair shop, as indicated, and shall not exceed one-story in height and shall be constructed of incombustible materials except that the roof beams, roof boarding, door and window frames and sash may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals; that the front of the greasing section shall be open; that the balance of the plot where not occupied by walls and accessory buildings shall be cement paved; that gasoline pumps erected shall be not nearer than 10 feet to either street building line; that there shall be erected along the street building line, a reinforced concrete curb cast integral with the cement paving, this curb to be not less than 12 inches in width, nor less than 5 inches in height with rounded top, with not over one opening therein to Bedford avenue nor over two to Park avenue; these openings not to exceed 30 feet in width each and with curb cuts approximately opposite, not exceeding 35 feet in width each; that no opening in the street building line curb shall be nearer than 5 feet to either interior lot line nor to the corner formed by the intersection of Bedford avenue and Park avenue; that there shall be no openings in the northerly lot line wall or walls to accessory buildings opening upon the premises to the north and east; that automobile repairing may be carried on in that portion of the accessory building so indicated, *on condition* that such repairing shall be limited to repairs of a light nature by manual or motor driven tools with motors not exceeding $\frac{1}{2}$ h.p. each and excluding any open flame, forge and anvil; that no repairing shall be carried on other than within the repair shop; that there shall be no excavation under any portion of these buildings except for the pits of the greasing racks; that there shall be no portable pumps used on or from the property; that advertising shall be limited to the illuminated globes of the pumps and to permanent flat sign attached to the facade of the accessory building and to one post standard erected within the building line near the intersection of Bedford avenue and Park avenue; that there shall be no roof sign erected; that there shall be no parking of cars on these premises other than those being serviced; that before plans are filed with the commissioner of buildings, they shall be submitted to

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the chairman of the board and approved by him in behalf of the board; that all permits shall be obtained within six months and all work completed within one year from the date of this resolution.

231-34-BZ.

APPLICANT—Samuel M. Rivelson, for Constantinos Demetrookas, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—9402-9404 Church avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Brooklyn.

APPEARANCES—

For Applicant: Samuel M. Rivelson.

For Opposition: David Grinsberg and S. Alfred Asciutto.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4

Absent 0

THE RESOLUTION—

(231-34-BZ)

WHEREAS, Samuel M. Rivelson, for Constantinos Demetrookas, Inc., owner, filed an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station: premises 9402-9404 Church avenue, southeast corner of East 94th street (Block No. 4715, Lot No. 36), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Linden boulevard is in a residence and business district; Church avenue is in a business and residence district; and East 94th street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered July 20, 1934, App. No. 7519-1934, reads:

"Proposition to operate a gasoline service station in a business district zone is contrary to Art. 2, sec. 4(a); par. 46 of the zone resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 65 feet on East 94th street, 40 feet on Church avenue and 51 feet on Linden boulevard upon which it is proposed to erect a one-story office 28 feet by 14 feet in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this site was the subject of an inspection by a committee of the board on February 7, 1935, and report of same was read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 231-34-BZ.

Premises—9402-9404 Church avenue, southeast corner of E. 94th street (Block No. 4715, Lot No. 36), Brooklyn.

The plot under appeal is at the southerly end of an irregular block bounded by Linden boulevard, Church avenue, East 95th street and East 94th street. The entire block is vacant. It is zoned partly for business along Church avenue and for residence along Linden boulevard. It is desired to erect a gasoline service station on the lot under appeal which has an area of approximately 3300 sq. feet out of the total area of the block of approximately 32000 sq. feet. This lot is within the business area.

The entire section can be considered well developed. This particular plot has a fine southwestern exposure and a commanding outlook across a spacious plaza formed by the intersection of Linden boulevard and the several cross streets and looks out upon a small triangular park directly across East 94th street and which is not indicated on plan and also on another triangular park—Block 4689B at East 92nd street. There can be no doubt that this would prove an outstanding location for a gasoline station, but to permit one would stamp this location for all time and prevent the development with conforming uses for which this plot is well adapted.

The members of the committee which inspected this site and the surrounding area on February 7, 1935, and who are very familiar with this area, having on several occasions studied it because of an application for a gasoline station at Church avenue and 92nd street, can find no hardship to justify granting the variance. There was ample reason for denying the application at East 92nd street and Church avenue, which denial the court affirmed on two occasions, and in the opinion of the committee there is even less reason to grant the present application.

There are no consents and while the objectors are few they are the largest adjacent owners who would be the most adversely affected. The temporary use as open sales space for second hand cars is objectionable enough in this outstanding location but that is undoubtedly temporary. A gasoline station would be a great deteriorating influence which would not be temporary.

The committee recommends denial, as it finds that no hardship has been proven that this plot cannot be developed for a conforming use. It is the committee's opinion that it can readily be so developed.

(Signed) HARRIS H. MURDOCK, *Chairman*.

BERNARD A. SAVAGE,

CHARLES M. BLUM,

Committee of inspection.

and

WHEREAS, this report recommended the denial of the applicant, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution, and, therefore, was not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

271-34-BZ.

APPLICANT—Henry C. Brucker, for Henry Schneider, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—East side of Cooper avenue, 130 feet southwest of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: Samuel S. Feinberg, Henry Brucker and Henry Schneider.

For Opposition: Edward N. Kassel.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4

Absent 0

THE RESOLUTION—

(271-34-BZ)

WHEREAS, Henry C. Brucker, for Henry Schneider, owner, filed September 25, 1934, an application under the building zone resolution to permit in a business district the

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erection and maintenance of a gasoline service station; premises: East side of Cooper avenue, 130 feet southwest of the corner of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Cooper avenue is in a business district; 74th street is in a residence and business district and Central avenue is in a business district; 73rd place is in a residence, business and unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered September 13, 1934, N.B. 1639-34, reads:

"1. The creation of a gasoline service station within a business district is contrary to section 4 of the zone resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of approximately 165 feet on Cooper avenue and a distance of 74.15 feet along the south lot line upon which it is proposed to erect an office and grease pit structure, 35 feet by 32 feet, irregular in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this site was the subject of an inspection by a committee of the board on February 7, 1935, and report of same was read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal. No. 271-34-BZ.

Premises—East side of Cooper avenue, 130 feet southwest of 74th street (Block No. 3811, Lot No. 50), Glendale, Borough of Queens.

This application is for a zoning variance under section 21, to permit a gasoline service station in a district zoned for business use on the easterly side of Cooper avenue, Glendale, Queens. At this point Cooper avenue is approximately 100 feet wide and in conjunction with 73rd place and Central avenue, forms a spacious plaza which is still further widened to the northeast by the widening of Cooper avenue to permit the underpass under the railroad with service streets either side which improvement is now substantially completed.

A committee of the board inspected this site and the adjacent section on February 7, 1935. Within the area of notification there are a total of five gasoline stations either existing prior to the amendment of 1925 or permitted by the board. Of these one of small area is being eliminated because of the underpass improvements. Another on the plot adjoining this plot under appeal may have to discontinue if the Appellate Division upholds the findings of the court which affirmed the report of the referee who found that the board was correct in refusing to renew a two year permit because of the presence of the school on the 74th street block. Pending the final outcome of that case the committee cannot recommend the granting of the present appeal.

Even, however, should the board be reversed and the Ralph Holding Co. station be permitted to remain and cover an area far greater than originally applied for, there are in the opinion of the committee ample reasons why this present appeal should be denied. This owner has held this property vacant since 1923 and it is only now when the underpass improvement promises greater traffic that he asks for the zoning variance. The record of his unsuccessful effort to improve the property with a conforming use and the opinions of realtors are not convincing. This plot is practically the only vacant property in this immediate vicinity and also perhaps the best situated and the committee finds nothing that can be claimed as hardship to prevent its conforming devel-

opment. There is ample surrounding development in addition to the through traffic to warrant a commercial building. The committee sees no reason for this applicant being disturbed over the prospect of there being no gasoline stations on this side of Cooper avenue. The three on the opposite side and the possibility of the continuance of the station on the adjoining plot should furnish more gas supply than is actually needed in this area. To add more would tend not only to deteriorate this important business centre generally but to injure unnecessarily the existing stations.

It was stated at the hearing and checked by the committee that one of the two crossings for school children is from Central avenue, across Cooper avenue to the front of this plot. In the interest of public safety and general welfare, this station should not be granted.

At the hearing, those in opposition stated very clearly their objections to this variance and described the condition of the area, including in their statement that the station opposite granted some time ago and about to be constructed was properly located and not objectionable. The committee is of the opinion that the objectors reasoning in opposing this application is well founded.

The committee recommends denial.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the committee recommended the denial of the application, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution, and, therefore, was not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

332-34-BZ.

APPLICANT—Joseph V. O'Leary, for Spes Realty Corporation, owner.

SUBJECT—Application (re decision of commissioner of buildings), under sections 7b, 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot 42), Borough of Manhattan.

APPEARANCES—

For Applicant: Joseph V. O'Leary.

For Opposition: Joseph P. Giaimo and Alexander Murotori.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(332-34-BZ)

WHEREAS, Joseph V. O'Leary, for Spes Realty Corporation, owner, filed November 26, 1934, an application under the building zone resolution to permit in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station; premises: 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meet-

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ing, February 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 1st avenue is in a business and unrestricted district; East 61st street is in an unrestricted and business district; and East 60th street is in an unrestricted and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered November 21, 1934, re App. No. 156-1934, reads:

1—The location and erection of a gasoline station in a business district is unlawful. B.Z.R. Art. II, sec. 4 (46). and

WHEREAS, the premises consist of a plot of ground having a frontage of 125 feet on East 61st street and 100 feet 5 inches on 1st avenue. The east part of the plot extends into the unrestricted district for a distance of 25 feet—the remainder of the plot is in the business district. It is proposed to erect upon the plot a one story structure, 64 feet by 22 feet 8 inches, to be used as office, grease pits and auto laundry and also, to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this site was the subject of an inspection by a committee of the board, which inspection was made on February 7, 1935, and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 332-34-BZ.

Premises—1108-1112 First avenue, southeast corner East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Manhattan.

The property under appeal is part of a large parcel at the southeast corner of First avenue and East 61st street with a frontage on First avenue of 100 feet 5 inches and a depth of 300 feet. This and the surrounding area on both sides of 1st avenue was zoned for unrestricted use except for the frontage 100 feet deep on First avenue which was rezoned for business use in 1929. It is the front portion of this plot 100 feet in depth in the business area plus 25 feet in the unrestricted area that is under appeal for a zoning variance to permit a gasoline service station. On this site at present is a three-story non-fireproof brick structure very dilapidated and used for automobile repairs and second hand storage. The upper floors are vacant. This block between East 60th street and East 61st street is under the lee of the Queensboro Bridge approach, the height of which is approximately to the top of a five-story building. The board has under Cal. No. 130-33-BZ permitted a station on the opposite end of the block which will bring about the removal of a dilapidated and dangerous old law tenement. To the rear toward York avenue easterly the buildings in the unrestricted district consist of garages and ice plant. On East 61st street eastwardly and on the opposite side are another large garage and gas holder.

With the proposed improvement of the East River Drive which will presumably follow York avenue, it is possible that this end of the block when rezoned to residential use may be improved in accordance therewith, but located North of the high bridge and at a considerably lower grade than First avenue such an improvement is unlikely. All the more so in the opinion of the committee would be an improvement for residential or business uses of the westerly end of this block. There would appear to be no inducement to erect such a conforming use or to remodel the existing building surrounded as this plot is with garages, an ice plant and gas holders. The present building is a menace. A gasoline station could be no worse and in the opinion of the committee would be infinitely better. Careful consideration has been given by the committee to the objection of the First Avenue Association to making this block

a gasoline alley. From 23d street to 125th street there are 16 or 18 stations, but they are poorly spaced. The nearest one south of Queensboro Bridge is at 48th street. The traffic on First avenue is exceptionally heavy, largely of trucks and commercial vehicles which the proposed East River Drive will not affect. Further, the ramp from the bridge between First and Second avenues adds traffic at this point.

The committee, which inspected this premises and surroundings on February 7, 1935, is of the opinion that gas stations should be regulated as to number and location and should not be located on plots unless sufficient hardship is shown to preclude the erection of a conforming development that will be reasonably successful. The committee does not find that such a development is likely here. They find that there is sufficient hardship to warrant this requested variance.

The committee recommends that this application be granted under such conditions as seem to the board desirable.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and*

WHEREAS, the committee recommended the granting of the application the board deemed that the applicant had substantiated his basis of appeal under Section 21 of the Building Bone Resolution—hardship, and, therefore, was entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution under Section 21 and that the application be and it hereby is *granted* permitting the plot under appeal to be used as a gasoline service station *on condition* that the building on the premises and the rock shall be leveled substantially to the general grade of First avenue and East 61st street; that there shall be erected along the interior lot lines easterly from First avenue, thence northerly to East 61st street, a continuous masonry wall faced with face brick or glazed terra cotta and suitably coped, and not less than 10 ft. in height; that the accessory building shall be erected, as indicated on plans filed with this appeal, entirely within the area zoned for unrestricted use, toward the easterly end of the plot; that this accessory building shall be constructed of face brick or glazed terra cotta with terra cotta or stone trimming; that this building shall not exceed one-story in height; that the rear wall of this building may be incorporated in the lot line wall; that there shall be no openings in this wall to the adjoining property to the east or south; that this accessory building shall be for office, sales of accessories, laundry and greasing pits; that it shall be constructed of incombustible materials except that the roof beams, roof boarding, doors and window frames and sash may be of wood, provided the ceilings throughout are fire retarded in accordance with the rules of the Board of Standards and Appeals and the weather roof surfacing is of incombustible materials; that the plot where not covered by walls and accessory building shall be cement paved; that there shall be erected on the street building lines a reinforced concrete curbing, cast integral with the cement paving, this curb to be not less than 12 in. in width and 5 in. in height, with rounded top, with not over four openings therein, two to First avenue and two to East 61st street, with no opening exceeding 30 ft. in width and with curb cuts approximately opposite not exceeding 35 ft. in width; that gasoline pumps erected shall be located toward the centre of the plot, as indicated on plans filed, removed at least 32 ft. from any street building line; that advertising shall be limited to the illuminated globes of the pumps and to a flat sign attached to the facade of the accessory building and permitting one

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illuminated sign on a standard erected within the plot line and near the corner formed by the intersection of First avenue and East 61st street, excluding signs of temporary nature and roof signs; that there shall be no excavation under any portion of the accessory building, other than the pits for the greasing racks; that the fronts of the greasing racks shall remain open; that no portable gasoline tanks shall be used on or from the property; that there shall be no open flame permitted, no repairing of automobiles, no parking of automobiles, other than those being serviced; that plans shall be submitted for approval and approved by the chairman in behalf of the board before same are filed with the commissioner of buildings; that all plans shall be approved by the Department of Buildings within six months and all work completed within one year from the date of this resolution.

140-34-BZ.

APPLICANT—Matthew W. DelGaudio, for Carolernesto Realty Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and conversion of an existing building to an automobile repair shop (previously withdrawn for a gasoline service station; reopened January 22, 1935).

PREMISES AFFECTED—3114 Jerome avenue, southeast corner of East 204th street (Block No. 3321, Lot No. 36), The Bronx.

APPEARANCES—

For Applicant: Matthew W. DelGaudio.

For Opposition: Emilia Castaldo.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(140-34-BZ)

WHEREAS, Matthew W. DelGaudio, for Carolernesto Realty Co., Inc., owner, filed May 23, 1934; withdrawn July 17, 1934; reopened January 22, 1935; an application under the building zone resolution to permit in a business district the alteration and conversion of occupancy of an existing building to an automobile repair shop; premises: 3114 Jerome avenue, southeast corner of East 204th street (Block No. 3321, Lot No. 36), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jerome avenue, is in a business and unrestricted district; Villa avenue is in a residence district and East 204th street is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 25, 1935, Alt. App. No. 196-1934, reads:

"1. Proposed alteration and conversion of building in business district for use as repair shop for motor vehicles is contrary to provisions of building zone resolution."

and

WHEREAS, the building is of non-fireproof construction, one story in height, with a 20 ft. frontage on Jerome avenue and 100 ft. on East 204th street, to be occupied as a repair shop for motor vehicles; and

WHEREAS, the board deemed that applicant has substantiated his basis of appeal under Section 21 of the building zone resolution—hardship, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution under section 21 and that the application be and it hereby is *granted* permitting the building to be used for automobile repairing, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals and *on condition* that the first floor throughout shall be surfaced with reinforced concrete not less than 2½ inches thick over membrane waterproofing and the ceiling beneath covered with wire lath and cement mortar, not less than ¾ inch in thickness; that the boiler room toward the easterly end of the building shall be separated from the balance of the cellar by a fireproof masonry wall with access to the boiler room from the exterior only, permitting the removal of the store front along 204th street, as indicated, and the substitution of disappearing overhead doors; that there shall be no skylights in the roof other than the legal skylights for ventilating the toilets; that the automobile repairing shall be limited to such repairing as can be carried on with manual tools and machines requiring motors not greater than ½ h.p. each, excluding heavy repairing requiring forge and anvil work; that acetylene welding and cutting may be permitted, provided a certificate of fitness is duly obtained; that all work shall be completed within one year from the date of this resolution.

540-30-BZ.

APPLICANT—John J. Dunnigan, for Peter Fiore, owner.

SUBJECT—Application for reopening—extension of time—re Application (superintendent of buildings), under section 21 of the building zone resolution, to permit, partly in a business district and partly in an unrestricted district, the erection and maintenance of garages for more than five (5) motor vehicles and, also a gasoline service station.

PREMISES AFFECTED—Southeast corner of East 147th street and Southern boulevard (Block No. 2600, Lot No. 30), The Bronx.

APPEARANCES—

For Applicant—Joseph F. Dusenbury.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(540-30-BZ)

WHEREAS, this application affecting premises southeast corner of East 147th street and Southern boulevard (Block No. 2600, Lot No. 30), Borough of The Bronx was granted by the board January 20, 1933, on certain conditions, time extended January 16, 1934, and applicant requests a further extension of time.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution of January 20, 1933, in view of statement by applicant that plans have been filed and approved and permits obtained to extend the time within which to complete the work to one year from the date of this amended resolution, *on condition* that other than as amended herein the resolution adopted by the board on January 20, 1933, shall be complied with in all respects.

8-34-BZ.

APPLICANT—Edwin H. Snackenberg, for Ralph Holding Corporation, owner.

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SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northeast corner of Jamaica avenue and 187th place (Block No. 975, part of Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant—Edwin H. Snackenber.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(8-34-BZ)

WHEREAS, this application affecting premises N. E. cor. of Jamaica avenue and 187th place (Block No. 975, part of Lot No. 1), Jamaica, Borough of Queens, was granted by the board, April 24, 1934, on certain conditions, and applicant requested an amendment of the resolution *which was granted December 18, 1934, and applicant now requests a further amendment as to height of light standard.*

Resolved, that the resolution adopted by the board on April 24, 1934, as amended December 18, 1934, be and it hereby is amended, so that as amended it will read as follows:

"Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* for a period of 5 years under section 21, permitting the site under appeal to be used for a gasoline service station *on condition* that the plot shall be made substantially level to the grade of Jamaica avenue; that there shall be erected on the interior lot lines a brick wall, faced with face brick and not less than 8 ft. in height, except that this wall may start at a height of 4 ft. at the building line of Jamaica avenue and 187th place and be graduated at the rate of one foot in four to the 8 ft. height; that the accessory buildings shall consist of an office, laundry section and greasing section, located on the rear lot line, as indicated on revised plans filed, marked "December 17, 1934"; that these buildings shall not exceed one-story in height and shall be constructed of brick, faced with face brick or cement stucco and constructed of incombustible materials, except that the roof beams, roof boarding, windows and doors may be of wood *on condition* that the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals, and the roof surfaced with non-inflammable shingles or roof surfacing; that there shall be no windows on the rear lot line opening upon adjacent property; that the balance of the plot where not occupied by accessory buildings shall be cement or asphalt paved; that gasoline pumps shall not be nearer than 15 ft. to either street line, nor nearer than 10 ft. to any part of an accessory building; that there shall be not more than four 550 gallon tanks installed on the premises; that there shall be no open excavation under any of the accessory buildings except the pits for the greasing racks; that the front of the greasing rack section shall remain open; that there shall be constructed on the street building lines a reinforced concrete curb not less than 12 inches in width and not less than 5 inches in height, with domed top, with not over two openings therein to Jamaica avenue and not over two openings

to 187th place; these openings not to exceed 25 ft. in width with curb cuts opposite not over 30 ft. in width; that no part of any such opening shall be nearer than 10 ft. to the easterly interior lot line on Jamaica avenue, nor 20 ft. from the interior lot line on 187th place, nor nearer than 15 ft. from the intersection formed by 187th place and Jamaica avenue; that at this corner intersection there shall be a grass plot maintained, protected on all sides by curb, as indicated on plans; that there shall be no portable gasoline pumps used on or from the premises; that no automobile repairing shall be carried on, nor the storage or parking of cars other than those being serviced; that advertising signs shall be confined to the illuminated globes of the gasoline pumps and permanent flat sign on the facade of the accessory building and one illuminated sign on a post within the building line and near the intersection of Jamaica avenue and 187th place; that lights for general illumination shall be on standards not over 24 ft. in height with metal reflectors arranged to reflect downwardly; that complete working drawings shall be filed with this Board for approval by the chairman in behalf of the Board, before submission to the Department of Buildings; that all permits shall be obtained within six months and all work completed within one year from *December 18, 1934.*"

APPEALS FROM ADMINISTRATIVE ORDERS.

216-34-A.

APPELLANT—Geo. E. Strehan, for A. R. Haeuser Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APPEARANCES—

Appellant: None.

For Administration: Inspector Meyer, fire department.

ACTION OF BOARD—Laid over to March 12, 1935, at 2 p. m., upon written request of appellant.

341-34-A.

APPELLANT—Martin J. Ort for Reisel Betman, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68, and 69), Brooklyn.

APPEARANCES—

For Appellant: Martin J. Ort.

For Administration: None.

ACTION OF BOARD—Laid over to March 5, 1935, at 2 p. m., for inspection by a committee of the board and correction of plans by appellant.

312-34-A.

APPELLANT—Crocker Fire Prev. Corp., for Constable Estate, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.

APPEARANCES—

For Appellant: Sidney L. Strauss.

For Administration: Inspector Maher, of department of buildings and Assistant Engineer Samuel Becker.

ACTION OF BOARD—Laid over to March 19, 1935, at 2 p. m., for further investigation by appellant.

6-35-A.

APPELLANT—Sears, Roebuck & Co., lessee.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

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PREMISES AFFECTED—1236 Castleton avenue (Block No. 212, Lot No. 36), West New Brighton, Borough of Richmond.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to February 26, 1935, at 2 p. m., upon written request of appellant.

22-35-A.

APPELLANT—Ansonia Fire Prevention Eng. Co., Inc., for Wesleyan University, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—West side of Beach 35th street, 20 ft. north of boardwalk (Block No. 10, Lot No. 1), Far Rockaway, Borough of Queens.

APPEARANCES—

For Appellant: Herman E. Horwod.

For Administration—Inspector Edward J. Durnall of department of buildings.

ACTION OF BOARD—Laid over to March 12, 1935, at 2 p. m., for inspection by a committee of the board.

245-34-A.

APPELLANT—Preferred Utilities Company, Inc., for First National Oil Co., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—West side of Vernon boulevard, 90 ft. north of 43rd avenue (Block No. 484, Lot No. 23), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Appeal withdrawn upon written request of appellant's representative.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

266-32-A.

APPELLANT—Talley and Lamb, for John J. Tally Estate, owner.

SUBJECT—Request for reopening—amendment—re Appeal from a decision of the superintendent of buildings.

PREMISES AFFECTED—262-264 Seventh avenue, northwest corner of West 25th street (Block No. 775, Lot Nos. 36 and 37), Borough of Manhattan.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Request to reopen dismissed for lack of prosecution.

THE VOTE TO DISMISS REQUEST FOR REOPENING—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(266-32-A)

WHEREAS, this request for reopening affecting premises 262-264 Seventh avenue northwest corner of West 25th street (Block No. 775, Lot Nos. 36 and 37), Borough of Manhattan, had been adjourned from time to time; and

WHEREAS, when this case was called no one appeared.

Resolved, that the request for reopening be and it hereby is dismissed for lack of prosecution.

12-35-A.

APPELLANT—Croker Fire Prevention Corp., for Mutual Life Insurance Co. of New York, owner.

SUBJECT—Appeal from orders and a decision of the commissioner of buildings.

PREMISES AFFECTED—66-72 Leonard street and 235-245 Church street, southeast corner (Block No. 173, Lot No. 13), Borough of Manhattan.

APPEARANCES—

For Appellant: Sidney L. Strauss.

For Administration: Inspector Maher of Department of Buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(12-35-A)

WHEREAS, Croker Fire Prevention Corp., for The Mutual Life Insurance Co. of New York, owner, filed January 12, 1935, an appeal from orders and a decision of the commissioner of buildings affecting premises 66-72 Leonard street and 235-245 Church street, southeast corner (Block No. 173, Lot No. 13), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated November 2, 1934—No. 17267-F—reads:

1. Raise standpipe gravity tank so that the bottom of said tank is not less than 20 ft. above the hose outlet in the highest story. Sections 580-1, Ch. 5, Code of Ordinances and Rule 91 of the Board of Standards and Appeals."

and

WHEREAS, the order of the commissioner of buildings, dated November 2, 1934, Order No. 17266-F—reads:

3. Arrange the house water supply pipe so that the same will connect with tank on the outside thereof above the 3,500 gallon mark only. Sec. 580-81, Ch. 5, Code of Ordinances and Rules of the Board of Standards and Appeals.

and

WHEREAS, the decision of the commissioner of buildings, dated December 21, 1934, reads:

"In reference to your request to rescind item 3, of Order 17266-F and item 1 of Order 17267-F in reference to the standpipe system installed at the above premises, you are advised that as the building exceeds 85 feet in height, your request must be denied."

and

WHEREAS, the building is fireproof, 12 stories in height, 125 feet 7½ inches by 101 feet in area; OCCUPIED: First story, stores; upper stories, offices, not more than 40 persons per story; and

WHEREAS, the appellant claims the building was erected in 1896, equipped with a standpipe system fed from the house supply gravity tank of 3,000 gallons capacity, the bottom of which is 8 feet 2 inches above the highest hose outlet; it is proposed to rearrange the house supply pipe connection on the outside of the tank so as to maintain a reserve of 2,000 gallons solely for standpipe purposes; furthermore, the appellant contends the system is entirely in accordance with the law in all other respects.

Resolved, that the orders of the commissioner of buildings Nos. 17266-F and 17267-F be and they hereby are modified, and the appeal be and it hereby is granted, permitting the standpipe gravity tank to remain at its present height, on condition that it is not less than 8 ft. above the highest hose outlet; that there shall be a reserve at all times of at least 2,000 gallons of water for standpipe service only; that the hose nozzles on top floor shall be reduced to ½-inch

MINUTES

diameter; and that the standpipe-fire line shall comply in all respects, other than as modified herein, with Rule 91 of the Standpipe-Fire Line Rules of the Board of Standards and Appeals.

PETITION FOR VARIATION.

21-35-S.

PETITIONER—Gnam Holding Corp., lessee.

SUBJECT—Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—305 East 47th street, 6th floor (Block No. 1340, Lot No. 3), Borough of Manhattan.

APPEARANCES—

For Petitioner: Hugo Gnam.

For Administration: Inspector Maher of Department of Buildings.

ACTION OF BOARD—Petition granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(21-35-S)

WHEREAS, Gnam Holding Corp., lessee, filed January 21, 1935, a petition for a variation from the requirements of the Labor Law as cited in order and decision of the commissioner of buildings, affecting premises 305 East 47th street, 6th floor (Block No. 1340, Lot No. 3), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated October 25, 1934, No. 17047-LD, reads:

"1. Remove all partitions not built of incombustible material on 2-4-5-6th stories, as per Sec. 263 and 270 of the Labor Law."

and

WHEREAS, the decision of the commissioner of buildings, rendered January 5, 1935, reads:

"In reference to your request to accept the partitions erected in that portion of the above premises which you occupy, you are advised that in view of the occupancy and poor workmanship of the wood stud partitions, your request must be denied. All steel partitions will be accepted as compliance with the requirements of the Labor Law. Kindly give this matter your prompt attention."

and

WHEREAS, the building is fireproof, 12 stories, 144 ft., in height, 125 ft. by 100 ft. in area at 1st story and 125 ft. by 90 ft. to 4th story, and 75 ft. by 90 ft. in area above; OCCUPIED: as a tenant factory; 6th story—manufacture of upholstered furniture and draperies, 8 persons; EQUIPPED with a sprinkler system; EXITS: four interior steel stairways, two of which extend from the 1st story to main roof, one to roof of 4-story section and one to 2nd story, enclosed in fireproof partitions with fireproof doors at openings; this petition affects the 6th story only; and

WHEREAS, the petitioner claims there is about 84 ft. of non-fireproof subdividing dwarfed partitions on the 6th story, extending from floor to within 2 ft. of the ceiling, constructed of sheet rock and 2 in. x 4 in. metal-covered wood studs; these partitions have existed during the past six years, the removal of them at the present time would be absurd; during the past two years only one man has been employed and the material stored is exceedingly small; furthermore, the petitioner contends that the enforcement of the order would actually undermine the existence of the petitioner's business.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the requirements of the Labor Law and that the petition be and it hereby is granted as to Order

No. 17047-LD, to permit the continuance for a period of two years from the date of this action of the partition constructed of wood stud protected with metal and sheet rock as indicated on plans filed with this petition marked "Received January 21, 1935," on condition that in such partition there shall be a continuous space near the ceiling of approximately 2 ft. in height, either entirely open or filled with thin sheet glass; that the uprights of this sheet-rock partition shall be firmly attached at the floor and at the ceiling; that in such partition separating the rear portion in which factory work is carried on from the balance of the space there shall be at least two exits, either with no doors or with doors opening outwardly in direction of the main exits; that the occupancy of this area shall at no time exceed four (4) persons and that not more than one (1) shall be engaged in work for factory; that the sprinkler system shall be maintained in accordance with the requirements of the sprinkler rules of the Board of Standards and Appeals and that the building throughout, other than as modified herein and as modified in Cal. No. 371-30-S, shall comply with the Labor Law in all respects.

APPLIANCES SUBMITTED FOR APPROVAL

263-34-SA.

PETITIONER—Frank Glanz, for Preferred Utilities Company, Inc., owner.

SUBJECT—Lonergan Oil Burning Heater—Models F-2, F-3 and C-4, Application for reopening—further consideration.

APPEARANCES—

For Petitioner: Frank Glanz.

ACTION OF BOARD—Request to reopen, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

205-34-SA.

PETITIONER—Henry L. Connell, for Abel & Tait, agent for Firetox Systems, Inc., owner.

SUBJECT—Automatic Firetox Extinguisher (previously withdrawn). Application for reopening.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition reopened and restored to calendar pending test and report by engineer of board and bureau of combustibles, fire department.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

341-33-SA.

PETITIONER—Ernest Camerino, for Volcano Burner Corporation, owner.

SUBJECT—Volcano Automatic Oil Burner, Models EW-1, EW-2 and EW-3. Application for reopening—amendment.

APPEARANCES—

For Petitioner: Ernest Camerino.

ACTION OF BOARD—Petition reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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Negative 0
Absent 0

THE RESOLUTION—

(341-33-SA)

WHEREAS, Volcano Burner Corporation, owner, filed November 13, 1933, a petition with the Board of Standards and Appeals for approval of its device known as the Volcano Automatic Oil Burner, Models EW-1, EW-2, EW-3; and

WHEREAS, this device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles of the fire department, approved by the assistant chief of department in charge of bureau of combustibles, was substantially as follows:

REPORT OF BURNER TEST.

The representative of the board and two representatives of the bureau of combustibles of the fire department witnessed the tests made on the burner, Model EW-1, in operation at No. 3415 Tibbett avenue, Borough of The Bronx, January 4, 1934.

The burner is of the pressure atomizing gun-type, operated by electric power, assembled in accordance with the description in the petition before the board:

A Janette electric motor, 1/6 H.P.; a Sirocco type fan manufactured by the Volcano Oil Burning Corp.; a strainer manufactured by the Cuno Engineering Corp.; a Tuthill pump; Webster transformer of 10,000 volts output; a Monarch regulating and cut-off valve of the piston type and Monarch nozzle of 2 gallon per hour capacity. Pump and fan are mounted on the same shaft.

Controls: Minneapolis Honeywell Pressuretrol, type L-104-2 and a Protectorelay, type R-117-3.

Ignition: Electric.

Burner constructed to use No. 2 fuel oil.

Under test, cutting off the power while the burner was in operation, the fire was immediately extinguished with a slight amount of smoke resulting; the Protectorelay cut off the power less than 91 seconds after the burner was started with no fuel oil supply; the electrodes produced a steady white arc at the fire end of the nozzle which showed very slight carbon deposits; all controls responded and operated in a safe and satisfactory manner. No evidence of a fire hazard appeared during the tests.

The approval of the burner, Model EW-1, is recommended for domestic and commercial use when installed in accordance with the requirements of the Fuel Oil Rules.

Model EW-1 was the only model tested.

and

WHEREAS, this burner was approved by the Underwriters Laboratories, Laboratories File M.P. 615, April 8, 1931; and

WHEREAS, the petitioner requested an amendment of the resolution to include in the approval Models SW-1-S and EW-2 which differ from the model approved simply as to capacity and a report of the engineer of the board recommends the approval of these models, and

WHEREAS, the petitioner requested a further amendment to permit the elimination of the letter 1-S on Model EW-1-S and that same be approved as Model EW.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Volcano Automatic Oil Burner, Model EW, EW-1 and EW-2, for use in domestic and commercial installation when used with fuel oil not heavier than No. 2 and installed in accordance with above report and the Oil Burner Rules of the Board of Standards and Appeals.

329-34-SA.

PETITIONER—Victor Oil Burner Mfg. Co., owner.

SUBJECT—Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles of the fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(329-34-SA)

WHEREAS, Victor Oil Burner Mfg. Co., owner, filed November 20, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Victor Range Oil Burner Models VJ-275, VJ-195 and VO-275; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The range burner was installed in an ordinary house type heating and cooking range. The burner consists of a cast iron vaporizing base, having four concentric rings and four port holes for the even distribution of the fuel with the inlet of the oil in each casting. The four steel shells are fitted on top of the burner casting. These shells are of stainless steel 17 per cent. to 18 per cent. chrome. The shells are covered by a stainless steel, one-piece top cover with a special handle. Each burner casting is supported by a 1/2 in. pipe and said pipe is inserted into a pedestal that is bolted to the ashpit. Pedestal is provided with 3 leveling screws.

The oil supply is regulated by means of "V" Slot Type Metering Valves, manufactured by the Hartford Machine Screw Company. A special valve stand is furnished to support the valves. All oil connections are made with heavy copper tubing .049 x 5/16 in. The stand for the oil container is specially designed with a round cast iron foot and a large reservoir and strainer.

The bottle, two gallons in capacity, is supported by a pipe and clip. It is enclosed in a basket made of perforated steel finished in chrome and is equipped with two handles.

The front burner unit was ignited and allowed to get to maximum heat. When this temperature was obtained, the oil supply to the second burner unit was turned on full. There were no puff backs due to faulty ignition to the second burner.

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that the certain recommendations be carried out in their installation and incorporated on their instruction cards.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional recommendations:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.

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2. When exposed oil piping is more than 8 in. in length same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustible chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by shield of at least 1/2 in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached hereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 329-34-SA
Only an Approved Safety Can Shall Be Used
in Filling This Storage Container.

11. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
12. The fuel oil used in this device shall be range oil or No. 1 or No. 2 fuel oil.

364-34-SA.

PETITIONER—Wm. V. McDevit, for Motor Wheel Corp., owner.

SUBJECT—M. W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B, approval of.

APPEARANCES—

For Petitioner: William V. McDevit.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles of the fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(364-34-SA)

WHEREAS, Wm. V. McDevit, for Motor Wheel Corp., owner, filed December 28, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the M. W. Oil Burning Range Commercial Models 152 and 251 and Domestic Models 101-G and 126-B; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

Models 152 and 251. These models are complete oil burning ranges, equipped with the necessary burner units, tanks and controls. They are designed to be operated from a standard 275 gallon gravity feed tank.

Domestic Models 101-G and 126-B are smaller in size than the above mentioned models, and are furnished with 5 1/2 gallon standard gravity tanks, located at the rear of the range and separated by metal and asbestos shields, giving a double air space between the tanks and the top of the range. The burner unit is identical with the burner used in all the Motor Wheel Corp. models, with the exception that in this particular case, the bowl of the burner instead of being circular is rectangular in shape. The level of the oil is maintained in the bowl by means of an Automatic Products constant level and metering valve, type MA. The feed line is also equipped with a shut-off valve at the base, supporting the tanks.

The controls on the burner were tested under actual working conditions and same were found to function as designed, that is, they prevented the flooding of the vaporization chamber with oil. These ranges are equipped with flue connections and automatic dampers.

It is recommended that the M. W. Range Oil Burner, models 152 and 251 be approved for use in domestic and commercial installations when installed in accordance with the oil burner rules for oil not heavier than No. 1 and certain additional requirements.

It is further recommended that the M. W. Range Oil Burner, Models 101-G and 126-B be approved for use in domestic and commercial installations as a range burner when installed in accordance with the oil burner rules and with certain additional requirements and for fuel oil not heavier than No. 1.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the M. W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional recommendations:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustible chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.

MINUTES

9. Floor beneath oil burner device shall be protected by shield of at least $\frac{1}{2}$ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached hereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City.
Under Cal. No. 364-34-SA

Only an Approved Safety Can Shall Be Used
in Filling This Storage Container.

11. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
12. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

868-34-SA.

PETITIONER—Wm. G. Winsor, Jr., for Rhode Island Welding Company, owner.

SUBJECT—Ray-Dio Sunshine Oil Burner, Model C, sizes 12, 14 and 16—approval of.

APPEARANCES—

For Petitioner: Charles Hovey.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles of the fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(368-34-SA)

WHEREAS, William G. Winsor, for the Rhode Island Welding Company, owner, filed December 28, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Ray-Dio Oil Burner, Model C, sizes 12, 14 and 16; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This is a natural draft oil burner of the gravity feed type, suitable for installation in hot water or steam boilers and in hot air furnaces. The burner is made in three sizes, known as the 12, 14 and 16 models. Each burner unit has two grooves. Each groove consists of a series of concentric rings, into which are set 8 cylindrical shells. These shells have a cast iron cover plate. Into the bottom of the cast iron base there are tapped semi-circular vaporizing yokes. The burner and the necessary control valves are mounted upon an angle iron frame equipped with three supporting legs. These legs are provided with the necessary lock nuts for leveling the burner and locking the adjustment. Between each set of shells an asbestos wick is provided.

Control Valves.

American Radiator Solenoid Valve and Detroit Lubricator Safety Float Valve, Model CRC-191 and two Control Valves manufactured by the Rhode Island Welding Company. A Minneapolis Hopewell Pressuretrol Type L-404 is mounted on the boiler and connected to the Solenoid Valve.

A quick closing gate is provided having a three-pound weight attached thereto.

In normal operation this valve is held open by means of a chain having a fusible link in it. The fusible link is located in close proximity to the boiler so that in case of a fire at the boiler the link will melt and the oil supply will be immediately shut off at the tank.

For the purpose of testing, that unit was supplied by means of a ten-gallon tank. However, it can only be installed where a standard 275-gallon tank is used. We tested the control and operation of the burner and found same to be satisfactory.

As this burner was installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, it is recommended that same be approved for domestic and commercial installations when installed in accordance with the oil burner rules for fuel oil not heavier than No. 1.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the Ray-Dio Sunshine Oil Burner, Model C, sizes 12, 14 and 16, for use in domestic and commercial installations, for use with fuel oil not heavier than No. 1, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals, on condition that there shall be permanently attached to each burner installed a label reading:

NOTICE
Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. NO. 368-34-SA.

32-31-SA.

PETITIONER—William G. Winsor, agent, for Rhode Island Welding Company, owner.

SUBJECT—Ray-Dio Sunshine Range Oil Burner, Models A and Daisy and Water Heater, approval of.

APPEARANCES—

For Petitioner: Charles Hovey.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles of the fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(32-31-SA)

WHEREAS, V. C. Kylberg, agent, for Rhode Island Welding Co., owner, filed January 19, 1931, a petition with the Board of Standards and Appeals, for approval of the device known as the Ray-Dio Sunshine Range Oil Burner; and

WHEREAS, the petition was amended to include Models A and Daisy and Water Heater Model; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

These burners are of the Atmospheric Type, and equipped with a two gallon glass bottle having the necessary metal basket with two handles. The burner unit consists of an iron casting having concentric rings, into which are set perforated steel sleeves.

The burner units are mounted upon a circular iron stand equipped with three leveling screws and a bolt for fastening it to the asphalt floor. The oil supply is regulated by means of metering valves of the "V" slot type, manufactured by the Rhode Island Welding Company. In the Model A the oil passes from the metering

MINUTES

valve and then flows up to the iron base of the burner through a semi-circular yoke. The Daisy Model is not equipped with these yokes, having instead a long carbon leg tapped into the base. A pressed steel cover is attached to the top of the sleeves. The front burner unit was ignited and allowed to get to maximum heat. When this temperature was obtained, the oil supply to the second burner unit was turned on full. There were no puff-backs due to faulty ignition to the second burner.

There were recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that the certain recommendations be carried out in their installation and incorporated on their instruction card:

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the Ray-Dio Sunshine Range Oil Burners, Models A, Daisy and Water Heater, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional recommendations:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 in. in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That the dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustible chamber and other parts of stove or range, shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burning device shall be protected by shield at least 1/2 in. thickness of asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
FOR USE IN NEW YORK CITY
UNDER CAL. NO. 32-31-A
ONLY AN APPROVED SAFETY CAN SHALL
BE USED IN FILLING THIS STORAGE
CONTAINER.

11. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of section 403 of chapter V of the code of ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
12. The fuel oil used in this device shall be range oil or No. 1 or No. 2 fuel oil.

354-34-SA.

PETITIONER—B. I. Stamm, for J. E. Kresky, owner.

SUBJECT—Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1—approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles of the fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(354-34-SA)

WHEREAS, B. I. Stamm, agent for J. E. Kresky, owner, filed December 18, 1934, a petition with the Board of Standards and Appeals for approval of the device known as the Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief in charge of bureau of combustibles, was substantially as follows:

This burner is of the mechanical draft pot type burner and consists of the following assembly: A Robins and Meyer 1/20 H.P. motor; a Sirocco type fan; an air duct to the burner unit which consists of a heavy iron casting surrounded by air ports on both sides. On the bottom member the oil line and pilot is centered in the casting by a special rivet which eliminates any foreign matter that may settle in the oil flow. The difference in sizes is only a difference in the lengths of the air chambers of the burner.

Controls—A Detroit lubricator float valve, Model CR-C234. This valve is used to maintain a constant level of oil in the vaporizing pot.

A Detroit lubricator solenoid valve which has a by-pass in it allowing sufficient oil to flow through to a pilot light for ignition purposes. A steam Pressuretrol manufactured by the Penn Switch Company which is set at a predetermined steam pressure usually 60 pounds. When the predetermined pressure is reached the oil supply is completely shut off except that used for the pilot light. The oil supply was furnished from a six gallon welded steel tank, mounted upon three substantial iron legs bolted to the floor. The burner is designed to use fuel oils not heavier than No. 3 commercial grades.

Operation—The burner was operated and when the pressure of 60 pounds was reached the Penn switch completely shut down the supply of oil to the burner. When the steam pressure fell to 40 pounds the Solenoid valve opened and allowed a full supply of oil to the burner. The flame was steady without any evidence of soot or smoke and the combustion chamber showed no undue carbon deposits. There were no flarebacks or puffs during the test.

As a result of our inspection and test it is recommended that same be approved for commercial and industrial use when installed in accordance with the Oil Burner Rules and under such regulations that the Board of Standards and Appeals have adopted for other pressing machine burners.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1, for commercial and industrial installations for use with range oil or fuel oil not heavier than No. 3, *on condition* that this device shall be installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals, as modified and supplemented by the following conditions:

MINUTES

1. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floor or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
2. That the stand supporting the burner in the fire box of the boiler shall be securely bolted to the bottom thereof.
3. The oil supply container and pump to be mounted on a common base shall be firmly anchored to the floor and at a distance of at least 60 in. from the boiler in which the device is installed.
4. Only approved safety cans shall be used for the storage and filling of oil containers.
5. Floor beneath oil burner device shall be protected by a shield of at least 1/2 in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the boiler in which the device is installed.
6. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
UNDER CAL. NO. 354-34-SA.
For Use in New York City
Only an Approved Safety Can Shall Be Used In
Filling This Storage Container.

7. That the tank shall be set rigidly in a cup shaped base receptacle of sufficient capacity to contain 1/3 the contents of the tank in case of leakage.
8. That the device shall be connected by a suitable flue pipe to a legal chimney or to the outer air, this flue to be provided with a suitable stack check to nullify down draft.
9. That the boiler from the top thereof to the floor line shall be protected with a jacket 1 in. in thickness of either air-cell asbestos or 85 per cent. magnesia, except that an operating opening may be left open at the base not exceeding 50 sq. in. area, said jacket to be secured by wire to the boiler and completely covered with sheet metal or with hard cement surface; and that other than as herein amended the resolution adopted by the board on November 7, 1934, shall be complied with in all respects.
10. The storage of oil shall be limited to not more than 2 five gallon safety cans in reserve unless the installation is made in complete conformity with the oil burner rules.
11. The board reserves the right to add additional requirement if an dwhen such additional requirements are deemed necessary.

Adjourned, 5:10 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

Name of Burner	Calendar No.	Name of Burner	Calendar No.
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Water Heater Assembly.....	250-34-SA		
Air-O-Flame Range Burner.....	236-34-SA	National Range Oil Burner.....	361-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	Quaker Burnoil Stove	11-31-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quick Meal Range Burner.....	304-34-SA
Florence Range Burners.....	219-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kolrid Range Burner.....	48-34-SA	Superfex Oil Burning Heater	491-31-SA
Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA	Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Auto Heat Oil Burner.....	284-33-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Morse Fuel Oil Burner.....	820-23-SA
Ballard Automatic Oil Burner.....	1363-23-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Jr. Oil Burner.....	1176-27-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Nichols-McCann-Harrison Burners	255-31-SA
Berggren Oil Burner.....	764-26-SA	North American Low Pressure Oil Burner....	792-26-SA
Best Calorex Burner.....	1464-21-SA	Oilbilt Burner	85-33-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Oronoque Oil Burner.....	394-30-SA
Bock Oil Burning Water Heater.....	102-34-SA	Packard Fuel Oil Burner.....	77-34-SA
Brighton Oil Burner.....	372-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Burnwell Mechanical Burner.....	957-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Petro Model W Oil Burner.....	452-31-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Coen Mechanical Oil Burner	942-21-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Presto Automatic Oil Burner.....	294-34-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
D'Elia Oil Burner.....	155-31-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
DeWalt Oil Burner.....	541-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
Doe Oil Burner.....	317-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rockwell Fuel Oil Burner	341-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. K. Oil Burner, Model F.....	369-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Gem Fuel Oil Burner.....	111-26-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Standardyne Oil Burner.....	34-34-SA
Ghapco Steam Generator.....	348-31-SA	Steam Oil Burner.....	183-22-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun Heat Oil Burner.....	603-29-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Grant Oil Burner, Model "C".....	232-32-SA	Sunway Oil Burner.....	624-30-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Surface Combustion Low Pressure Burner....	92-23-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Rotary Oil Burner.....	297-29-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hayward Oil Burner.....	696-30-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Burner (pump type).....	94-32-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Vapofier Oil Burner.....	184-34-SA
Korth Oil Burner, Model G.	136-34-SA	Vapomatic Oil Burner	275-34-SA
Kreager Oil Burner.....	367-30-SA	Vaporoil Burner	44-32-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Iaco Oil Burner, Models F, JF, BF and D..	226-33-SA	Wheco Oil Burner.....	108-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Winslow Kleen Heat Burner, Models 805 and 820	19-25-SA
Liberty Automatic Heater.....	129-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
Leintz Oil Burner.....	155-20-SA		
Loneragan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
May Oil Burner.....	68-24-SA		
Midget Oil Burner.....	155-34-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
- 443-26-SA—American Anti-Syphon Valve.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 126-33-SA—Tower Range Oil Burner.
- 162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 349-33-SA—Herco Oil Burner.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.
- 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
- 125-34-SA—American Oil Burner.

- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 165-34-SA—Rose Oil Heater.
- 203-34-SA—King Oil Burner.
- 205-34-SA—Automatic Firetox Extinguisher.
- 208-34-SA—Globe Oil Burner Pump.
- 221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).
- 224-34-SA—Progressive Press Machine Oil Burner.
- 234-34-SA—Bland Range Oil Burner.
- 256-34-SA—"Standard" One-Piece Closet Combination.
- 274-34-SA—B. & H. Radiant Stove Oil Burner.
- 291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 302-34-SA—Loyalty Range Burner.
- 311-34-SA—Evur-Ready Range Oil Burner, Models Leader, Standard, De Luxe and W-1.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 345-34-SA—Micron Oil Burner.
- 351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.
- 355-34-SA—Kres-Kno Range Oil Burner, Model MD.
- 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
- 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
- 365-34-SA—M. W. Water Heater, Model 20-D.
- 366-34-SA—M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801.
- 367-34-SA—M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450.
- 3-35-SA—Yorktown Oil Burner, Model A.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 13-35-SA—Nairoil Oil Burner, Type R. Model E.
- 17-35-SA—Toridheet Oil Burner, Model G.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	7
Cases filed up to February 20, 1935.....	46	Dismissed	4
Restored to Calendar.....	12	Denied	11
		Granted	0
		Granted on condition.....	24
		Appliances approved	18
		Appliances dismissed, disapproved or withdrawn.....	2
		Rules approved	0
		Rules disapproved, rescinded or withdrawn	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen.....	65	Requests to reopen granted.....	63
Requests to amend.....	44	Requests to reopen denied	0
Requests for modification	0	Requests to amend granted.....	44
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time.....	7	Requests for modification granted	0
Requests for extension permit	0	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans.....	2	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted.....	7
Requests for interpretation	0	Requests for extension of time denied	0
Total	339	Requests for extension of permit granted	0
Disposed of	184	Requests for extension of permit denied.....	0
Cases pending February 20, 1935.....	155	Requests to install granted.....	0
		Requests to install denied	0
		Plans approved	2
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed.....	2
		Total	184

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order. therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

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NEW

BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1016, Municipal Building, New York City

Vol. XX

Subscription
\$2.50 a year

MARCH 5, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 10

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, March 4, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, March 11, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

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49-35-A.....D.B.Q.....	5971-83 59th st. (Block 2653, Lot 5), Maspeth, Queens, Applic. 1033-34.
48-35-SA.....F.D.....	Seal-O-Strain Curb Fill Box for Fuel Oil or Gasoline, Appliance.
47-35-SA.....F.D.....	Ace Rotary Oil Burner, Appliance.

Restored to Calendar.

594-29-BZ.....D.B.B.....	5812-5824 Bay Parkway, N.W. Cor. of 59th st. (Block 5508, Lot 44), Brooklyn. Decision.
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F.D.....	Fire Department
H.D.....	Health Department
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D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
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* * *

Matter of Milfan Bldg. (Murdock)—June 26, 1934, Board denied gasoline service station, partly in business and partly in residence district, under section 21, Cal. No. 96-34-BZ; Premises N.W. corner Farmers blvd. and 115th rd., Queens. Mr. Justice Lockwood sustained Board. (N. Y. L. J. Feb. 26, 1935.)

* * *

Peo., ex rel. Emdee Management Corpn. v. Murdock—May 8, 1934, Board denied gasoline service station in business district, under section 21, Cal. No. 42-34-BZ; Premises 389-395 Empire blvd. N.E. corner Clove rd., Brooklyn. Mr. Justice Lockwood decided Board should rehear application. (N. Y. L. J. Feb. 26, 1935.)

* * *

Moss Bldg. Corpn. v. Murdock—May 8, 1934, Board denied reopening of application previously denied for gasoline station in business district, under section 21, Cal. No. 27-33-BZ; Premises N.W. corner Springfield blvd. and 115th ave., Queens Village. Mr. Justice Hallinan sustained certiorari. (N. Y. L. J. Feb. 27, 1935.)

* * *

Healy v. Murdock—September 18, 1934, Board denied reopening to extend time to complete under temporary permit for gasoline station partly in residence and partly in business district, under section 21, Cal. No. 31-33-BZ; Premises 610-622 Utica ave., Brooklyn. Mr. Justice Hallinan sustained certiorari. (N. Y. L. J. Feb. 27, 1935.)

* * *

Matter of Noviak Holding Corpn. v. Murdock—April 3, 1934, Board denied application for gasoline station in business district, under section 21, Cal. No. 148-33-BZ; Premises S.W. corner Hollis ave. and Cross Island blvd., Hollis, Queens. Mr. Justice Faber reversed Board, decision following St. Albans-Springfield case limitation. (N. Y. L. J. Aug. 15, 1934.) Appellate Division reversed Special Term and sustained Board. (N. Y. L. J. Feb. 27, 1935.)

* * *

Matter of Young Women's Hebrew Assn. (Bd. Standards and Appeals, et al)—Nov. 8, 1933, Board granted application for gasoline station in business district, under section 21, Cal. No. 249-33-BZ; Premises 1312-14 Fifth ave., N.W. corner W. 110th st., Manhattan. Mr. Justice McCook sustained Board. (N. Y. L. J. Feb. 16, 1934.) Appellate Division affirmed order. (N. Y. L. J. June 22, 1934.) Court of Appeals reversed Board, Special Term and App. Div. (N. Y. L. J. Feb. 27, 1935.)

CALL OF CLERK'S CALENDAR

MONDAY, MARCH 4, 1935, AT 2 P. M.

Building Zone Cases.

337-34-BZ.

APPLICANT—Solomon Gelfand, for Annie Livshitz, owner.

PREMISES—1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of an existing building to motor vehicle repair shops.

15-35-BZ.

APPLICANT—Edgar J. Moeller, for Claude H. Birdsall, owner.

PREMISES—2093-2099 Flatbush avenue and 4401-4413 Avenue "N," northeast corner (Block No. 7869, part of Lot No. 2), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALENDAR

MARCH 5, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 5, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 113-34-BZ—Application, April 25, 1934, under section 21 of the building zone resolution, of Sidney Lipston, applicant, on behalf of Morris Gorelik, owner, to permit in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles; premises 1009 Myrtle avenue (Block No. 1749, Lot No. 48), Brooklyn.

CAL. NO. 287-34-BZ—Application, October 1, 1934, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, substituted for Howard Kelly, on behalf of Mutual Life Insurance Company, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

CAL. NO. 273-34-BZ—Application, August 23, 1934, under section 21 of the building zone resolution, of Nathan D. Shapiro & Bros., applicants, on behalf of Mansfield Service Station, Inc., owner, to permit in a residence district the extension of an existing gasoline service station and, also, the erection and maintenance of an office, auto laundry and greasing pits; premises 1314-1332 Ocean avenue, west side, 100 feet south of Avenue H (Block No. 6703, Lot No. 55), Brooklyn.

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone resolution, of Mario J. Cafiero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MARCH 5, 1935, 2 P. M.

Appeals from Administrative Order.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

341-34-A—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.

32-35-A—404 Sixth avenue (Block No. 572, Lot No. 2), Manhattan.

363-34-A—117-119 Macon street, northwest corner of Marcy avenue (Block No. 1844, Lot No. 53), Brooklyn.

37-35-A—98-100 Beard street, northwest corner Richards street (Block No. 604, Lot No. 16), Brooklyn.

Appliances Submitted for Approval.

43-35-SA—Universal Water Closet Unit, Models Castle No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

48-35-SA—Seal-O-Strain Curb Fill Box for Fuel Oil or Gasoline.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, March 5, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 324-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Barashay and Sugarman, applicants, on behalf of Kayson Lumber Co., Inc., owner, to permit in a business district the inclusion of a saw or planing mill in an existing lumber yard; premises 1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

CAL. NO. 722-23-BZ—Application of James Kearney, on behalf of Julia Hirsch, owner, reopened October 2, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the Board) so as to include a gasoline service station; premises 2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

CAL. NO. 335-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Calogero Pisciotta, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1704-1712 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Borough of Brooklyn.

CAL. NO. 343-34-BZ—Application, December 5, 1934, under section 21 of the building zone resolution, of Michael Levine, applicant, on behalf of Neslage Realty Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Borough of Brooklyn.

CAL. NO. 229-31-BZ—Application of Matthew W. Del Gaudio, on behalf of Enavon Realty Corp. and Navone Bros., Inc., owners, reopened January 15, 1935, under sections 7e and 21 of the building zone resolution, to permit in a garage, extending from an

CALENDAR

unrestricted into a business district (erected under a variation granted by the board October 22, 1931) the omission of stores and the extension of the garage area with no exit in the business district; premises 18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Manhattan.
HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR MONDAY, MARCH 11, 1935, AT 2 P. M.

Building Zone Cases.

340-34-BZ.
APPLICANT—Richard Morrison, for New York Central Railroad Company, owner.
PREMISES—West side of Newell street, 72 feet 5 inches south of Gun Hill road (Block No. 3358, part of Lot No. 1), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the use of a plot of ground as a parking space for more than five (5) motor vehicles.

342-34-BZ.
APPLICANT—Albert M. Lee, for Seventy-Fourth Street Manhattan Corporation, owner.
PREMISES—231-233 West 74th street (Block No. 1166, Lot Nos. 13 and 14), Manhattan.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a residence district the alteration and conversion of two (2) existing dwellings into a building to be occupied for business purposes (stores on first story).

MARCH 12, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 12, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 299-34-BZ—Application, October 23, 1934, under section 21 of the building zone resolution, of Michael Glick, applicant, on behalf of Nathan Bensky, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Sedgwick avenue, 795 feet south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

CAL. NO. 317-34-BZ—Application, November 15, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Jean Levy and Benjamin Levin, owners, to permit partly in a residence use and partly in a business use and also "F" area district, the erection and maintenance of a gasoline service station; premises southeast corner of Grand Central Parkway and Parsons boulevard (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens.

CAL. NO. 359-34-BZ—Application, December 20, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Dora Ginsberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Kissena boulevard and Cherry avenue (Block No. 5192, Lot No. 34), Flushing, Borough of Queens.

CAL. NO. 305-32-BZ—Application of Arthur H. Haaren, on behalf of Kesbec, Inc., present owner, reopened July 10, 1934, under section 21 of the building zone resolution, to permit in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the Board); premises north side of Roosevelt avenue, 85 feet east of 69th street; northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

MARCH 12, 1935, 2 P. M.

Appeals from Administrative Orders.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.
19-35-A—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.
22-35-A—West side of Beach 35th street, 20 feet north of Boardwalk (Block No. 10, Lot No. 1), Far Rockaway, Borough of Queens.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, March 12, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 316-34-BZ—Application, November 14, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Annie Carraher, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

CAL. NO. 619-31-BZ—Application of James Kearney, on behalf of Estate of Israel Miller, owner, reopened May 8, 1934, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the Board for a temporary period; premises 148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

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CAL. NO. 334-34-BZ—Application, November 27, 1934, under section 21 of the building zone resolution, of John F. Meehan, applicant, on behalf of Fred Starke, owner, to permit partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station; premises northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, MARCH 18, 1935, AT 2 P. M.

Building Zone Cases.

327-34-BZ.

APPLICANT—Martin J. Ort, for Arthur Mulvaney, owner.
PREMISES—615 Baltic street, northeast corner of 4th avenue (Block No. 937, Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop.

20-35-BZ.

APPLICANT—Scacchetti & Siegel, for Edward G. Falter, owner.

PREMISES—711-719 Gun Hill road, north side, 100 ft. east of White Plains road (Block No. 4657, Lot No. 8), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

894-28-BZ.

APPLICANT—Samuels and Samuels, for Gustaf Larson, owner.

PREMISES—2702-2712 Foster avenue and 1285-1289 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened January 22, 1935),

TO PERMIT upon a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

MARCH 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 19, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

CAL. NO. 328-34-BZ—Application, November 20, 1934, under section 21 of the building zone resolution, of Henry Nordheim, applicant, on behalf of Max Mirowitz, owner, to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1449 Vyse avenue, west side, 100 feet south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

CAL. NO. 362-34-BZ—Application, December 26, 1934, under section 21 of the building zone resolution, of Abraham N. Horwitz, applicant, on behalf of 1230 Jerome Avenue Corporation, owner, to permit in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1227-1229 River avenue and 1230 Jerome avenue, east side, 165 feet 6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

MARCH 19, 1935, 2 P. M.

Appeals from Administrative Orders.

312-34-A—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.

307-34-A—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

MARCH 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 4-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Approved Bond and Mortgage Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1), Woodhaven, Borough of Queens.

CAL. NO. 5-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on

CALENDAR

behalf of Eleto Realty Corporation, owner, to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4297-4301 Broadway (Block No. 2180, Lot No. 108), Manhattan.

Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

APRIL 2, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 2, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 24-35-BZ—Application, January 24, 1935, under sections 7b and 21 of the building zone resolution, of Julius Eckmann, applicant, on behalf of Henry S. Harper, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (store); premises 56 West 8th street (Block No. 553, Lot No. 14), Manhattan.

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

CAL. NO. 296-32-BZ—Application of Levy and Berger, on behalf of Kings Bay Realty Corporation, owner, reopened January 15, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 115-123

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, FEBRUARY 26, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning February 19, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, February 19, 1935, were approved as printed in Bulletin No. 9, Vol. XX.

BUILDING ZONE CASES

334-34-BZ.

APPLICANT—John F. Meehan, for Fred Starke, owner.
SUBJECT—Application (re decision of commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business use district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

APPEARANCES—

For Applicant: Daniel Marshall, George L. Knott, Wallace Campbell, John F. Meehan, John Adikes and Fred Stark.

For Opposition: Edward A. von Sothern, Louis J. Gold, Joseph H. Rooney, Jacob J. Smith, Edmund G. Bill, S. L. Gutterman, Mrs. C. Daly and Mrs. C. E. Kinkel.

ACTION OF BOARD—Laid over to March 12, 1935, at 2 p. m., for report of committee on inspection. No further argument.

292-34-BZ.

APPLICANT—John Palmeri, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—147-02 to 147-12 90th avenue, southeast corner of Sutphin boulevard (Block No. 780, Lot No. 16), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: None.

For Opposition: George Poehemus, C. F. Master-son, Francis S. Leven and Mrs. R. Javerbaum.

ACTION OF BOARD—Application withdrawn upon written request of applicant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

283-34-BZ.

APPLICANT—George I. Laird, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of thirty-five (35) individual garages.

PREMISES AFFECTED—241 Lindwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot No. 43), Brooklyn.

APPEARANCES—

For Applicant: John P. McGrath, George I. Laird and Wm. Schreiner.

For Opposition: Lawrence Towers, Harry Siegel, Joseph Catapano, Anthony Conzani, Arthur C. Gewecke, Catherine Towers, G. Ursomanno and Carrie Wilson.

ACTION OF BOARD—Application denied.

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THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Absent 0

THE RESOLUTION—

(283-34-BZ)

WHEREAS, George I. Laird, owner, filed October 8, 1934, an application under the building zone resolution to permit partly in a business district and partly in a residence district, the erection and maintenance of thirty-five (35) individual garages; premises: 241 Linwood street and 186-190 Essex street (Block No. 3956, Lot No. 58 and part of Lot 43), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Fulton Street is in a business district; Linwood Street is in a residence, business and unrestricted district; Essex Street is in a residence, business and unrestricted district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered December 7, 1934 re App. No. 15604—1934, reads:

"Proposed individual garages partly in a business district and for the most part in a residential district is contrary to B.Z. Resolution, Art. II Sect. 3. The proposition is therefore denied."

and

WHEREAS, the premises consist of a polt of ground, irregular in shape, having a frontage of 9 ft. 11 in. on Linwood Street, 50 ft on Essex Street and a distance of 152 ft. 4 in. along the south lot line. An irregular area at the north end of the plot extends into the business district for a distance of approximately 40 ft. The remainder of the plot is in the residence district. Proposes to erect upon the plot 35 individual garages; and

WHEREAS, the Chairman reported that a committee of the Board had inspected the site prior to the hearing; and

WHEREAS, a similar application affecting these premises was withdrawn, after argument, on March 19, 1929, under Calendar No. 299-28-BZ; and

WHEREAS, the Board deemed that applicant had failed to substantiate his basis of appeal under Section 21,—hardship, and, therefore, is not entitled to relief.

RESOLVED, that the decision of the Commissioner of Buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

3-31-BZ.

APPLICANT—W. Bryce Rea, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a motor vehicle repair shop (reopened April 10, 1934).

PREMISES AFFECTED—250-21 Northern boulevard, north side, 151 feet east of 250th street (Block No. 3984, Lot No. 89), Little Neck, Borough of Queens.

APPEARANCES—

For Applicant: W. Bryce Rea.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(3-31-BZ)

WHEREAS, the application affecting premises 250-21 Northern Boulevard, north side, 151 feet East of 250th Street

(Block No. 3984, Lot No. 89) Little Neck, Borough of Queens; was granted by the Board September 22, 1931, permitting a gasoline service station, but denying a motor vehicle repair shop; and

WHEREAS, the application was reopeend under a new state of facts, April 10, 1934, to permit in a business district the change of occupancy of an existing building to a motor vehicle repair shop; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Northern Boulevard is in a business district; 250th street is in a residence and business district; Cornell Lane is in a residence and business district and 251st street is in a residence and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered October 16, 1935, reads:

"Repairing cars—contrary to zone law.

"You are hereby ordered and directed by me to stop all work in connection with this operation until the law has been complied with.

"The building and premises to which this notice refers is situated on the front of the lot on the north side of Northern Boulevard commencing about 150 feet from the east corner of 250th street and known as 250-21 Northern Boulevard, Little Neck."

and

Decision of the commissioner of buildings dated November 30, 1934, reads:

"In reference to your application for a certificate of occupancy to operate a motor vehicle repair shop at 250-21 Northern Boulevard, Little Neck, I beg to inform you that your application is **DENIED** as being contrary to Section 4 subdivision 29 of the Building Zone Resolution—motor vehicle repair shop prohibited in a buisness district."

and

WHEREAS, the building is of non-fireproof construction two stories in height, with a frontage of 60 feet on Northern Boulevard and 100 feet on Cornell Lane, and to be occupied as a motor vehicle repair shop on the first story and bowling alleys on the second story; and

WHEREAS, the Board deemed that applicant was entitled to relief under Section 21 on the grounds of practical difficulty and unnecessary hardship.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted*, under Section 21, permitting the rear space on the ground floor of the existing building, as indicated on plans filed with this appeal and comprising an area of approximately 3,000 square feet to be used as a motor vehicle repair shop when operated in conjunction with existing gasoline station and the adjoining automobile agency in the building at the west, *on condition* that all openings facing Cornell Court shall have windows with steel frame and sash glazed with wire glass in the portion opening from the repair shop and with plate or double-thick glass elsewhere on that side of the building; that openings in the rear wall and westerly wall shall be of similar construction except for one door in the rear opening upon vacant property owned by this same owner, which opening shall be supplied with iron or metalclad door; that the windows may be glazed with double thick or plate glass except that the windows on the west along the course of the fire escape shall be glazed with wire plate glass; that the motor vehicle repairing carried on shall be restricted to repairs of a light type such as can be done with manual tools and with motor-driven tools, none of which require motor power more than 1 h.p.; that the ceiling of this repair shop area shall be fire retarded in accordance with the Rules of the Board of Standards and Appeals; that no acetylene torch for welding or cutting or other open flame shall be per-

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mitted on the premises; that the requirements of the Board under Cal. No. 179-32-A, as stated in resolution of September 16, 1932, and reading in part as follows, shall be observed and complied with:

"that the gasoline station may be located as shown on corrected plans submitted September 15, 1932, which plans show gasoline station installed in the arcade in the front of the building, first story; that the walls and ceiling of gasoline station portion of the premises shall be fire retarded in accordance with the Rules of the Board of Standards and Appeals; that direct egress from the 2nd story shall be provided with unpierced walls direct to the street and by the fire escape on the west-erly side of premises to the vacant property to the west in the ownership of owner of property under appeal, and that the building shall not be increased in height or area and that the occupancy of 2nd story, used as a bowling alley and billiard parlor, shall be limited to not more than 50 persons at any time;"

and *granted on further condition* that all exits from the 2nd story by means of the stairway to Northern Boulevard and to the fire-escape to vacant property at the rear, shall be openable for exit purposes at all times while the 2nd story premises are being occupied; that the stairway leading to Northern Boulevard as now enclosed in fire-retarded parti-tions for its entire length, including the extension to the roof through bulkhead, shall be maintained; that during the con-tinuation of the above permitted uses, the property in the rear for a distance of at least 15 feet northerly from the rear wall of this building shall be vacant and unoccupied; that such auxiliary fire-fighting appliances shall be installed as the Commissioner may direct; and that all work involved shall be completed within two (2) months from the date of this resolution.

Adjourned, 1:00 P.M.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, FEBRUARY 26, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.

BUILDING ZONE CASES.

594-29-BZ.

APPLICANT—Benjamin Millstein, for Morey Motors, Inc., owner.

SUBJECT—Application for reopening—consideration under new facts—re Application (decision of the commis-sioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—5812-5824 Bay parkway, north-west corner of 59th street (Block No. 5508, Lot No. 44), Brooklyn.

APPEARANCES—

For Applicant: Benjamin Millstein.

ACTION OF BOARD—Application reopened, restored to calendar subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross...	4
Negative	0
Absent	0

243-34-BZ

APPLICANT—Samuels and Samuels, for A. R. Olson Bldg. Co. Inc., owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erec-tion and maintenance of a gasoline service station.

PREMISES AFFECTED—2909-2917 86th street and 525-535 Van Siclen street, northeast corner (Block No. 7169, Lot No. 28) Brooklyn.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: Miss D'Agostino.

ACTION OF BOARD—Laid over to May 14, 1935, at 2 p. m., for further consideration by the Board. The following report of committee of inspection was read:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 243-34-BZ.

Premises—2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Brooklyn.

Under this application a zoning variation is requested under Section 21 to permit a gasoline service station at the northeast corner of 86th street and Van Sicklen street, Brooklyn, in an area zoned for business use.

The plot and surrounding area has been inspected by a committee of the Board and report has been postponed pending information as to the ponding of water in 86th street due to poor drainage facilities. It was apparent to the committee that this condition had influenced ad-versely the development of this area. Information from the Chief Engineer of the Bureau of Sewers of Brook-lyn is that a contract has been let and work will be commenced this Spring to remedy this bad condition.

The great opposition to this proposal for a gasoline station, together with the bad drainage condition, leads the committee to the recommendation that this appli-caion should be withdrawn without prejudice, to be re-heard, if the owner so desires, upon the completion of this important corrective improvement.

If this recommendation does not meet with favor, the committee recommends that the matter be further post-poned for further study and recommendation.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

269-34-BZ.

APPLICANT—Samuels and Samuels for Marcus Cohn, owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erec-tion and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Wood-haven boulevard and 162nd avenue (Block No. 4040, Lot No. 87) Aqueduct, Borough of Queens.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: None.

ACTION OF BOARD—Application denied.

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THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Absent 0

THE RESOLUTION—

(269-34-BZ.)

WHEREAS, Samuels and Samuels, for Marcus Cohn, owner, filed September 25, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: Northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Woodhaven boulevard is in a business district; that 92nd street is in an undetermined district; and that 162nd avenue is in a business and undetermined district; and

WHEREAS, the decision of the commissioner of buildings, rendered September 14, 1934, re. Plan No. 1636-34 N.B., reads:

"1—The erection of a gasoline service station in a business district is contrary to the zone law. (Art. 2, Sec. 4a).

Not further considered."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 feet on Woodhaven boulevard and 95 feet on 162nd avenue, upon which it is proposed to erect a one story office and greasing room structure 27 feet by 50 feet in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this site was the subject of an inspection by a committee of the Board, report of same was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal. No. 269-34-BZ.

Premises—Northwest corner of Woodhaven (Cross Bay) boulevard and 162nd avenue (Block 4040, Lot 87), Aqueduct, Borough of Queens.

The plot under appeal is located in a district zoned for business use, to the rear of which the property is still unzoned. Woodhaven boulevard from Sunrise highway to Far Rockaway is a wide, heavily travelled thoroughfare leading to the Rockaways and other Long Island points beyond the city line. Along its course from Sunrise highway to Broad Channel, a distance of approximately six miles with practically no development or surfaced intersecting roads there are now twenty-one gasoline stations. Other than gasoline stations there are a few restaurants, boat houses, and in the unzoned area to the west, a few isolated houses. This condition has been observed by a committee of the Board on numerous occasions and as late as February 21, 1935, and both during the heavy traffic season and in winter. Some of these gasoline stations have been granted by the Board, but with one or two exceptions they have been granted under Section 7-F as temporary permits. It has been the opinion that conditions would later on change upon the proper zoning of the unzoned area and the improvement of Shell Bank Basin, and until such time that the section should be recognized as an undeveloped area.

This application is brought under Section 21, the applicant stating that the reason the application was not brought under Section 7-F is because he desires a permit for longer than two years.

If there is hardship, then every lot along this boulevard is suffering from hardship and the Board of Estimate and Apportionment should rezone the entire boulevard to unrestricted use and allow every owner of the

frontage to have a gasoline station. This is unthinkable and the Committee is of the opinion that it is impossible to recognize such a condition as hardship. Now that so many stations have been permitted, the Board believes that the time has come to exercise regulation and refuse to grant others in this section, either under Section 21 or Section 7-F, carrying out the expression of the Court in *Werner vs. Walsh*. Certainly twenty-one stations in six miles about equally divided on each side of the boulevard, even in the heaviest traffic, should be ample and more than ample to supply all needs. None of the stations appears so prosperous as to indicate that more competition would make no difference. In the opinion of the Committee, more are unnecessary and would cause unnecessary hardship to such stations as are now existing.

The Committee recommends that they find no hardship sufficient to warrant granting the variation, that the discretion of the Board should not be exercised under Section 7-F and that the Board should exercise regulation by refusing to grant additional stations in this area.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the committee recommended the denial of the application and the Board deemed that applicant had failed to substantiate his basis of appeal under Section 21,—hardship, and, therefore, is not entitled to relief; and that relief should not be granted under Section 7-F.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

346-34-BZ.

APPLICANT—Samuel Falk, for Nation Wide Petrol Corp., owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit in a business district the alteration, alleged extension and maintenance of a gasoline service station.

PREMISES AFFECTED—6501-6505 22nd avenue (Bay Parkway) and 65th street southeast corner (Block No. 6578, Lot No. 3) Brooklyn.

APPEARANCES—

For Applicant: Samuel Falk.

For Opposition: William B. Linder, James Butterly.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT:

Affirmative 0
Negative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Absent 0

THE RESOLUTION—

(346-34-BZ.)

WHEREAS, Samuel Falk, attorney for Nation Wide Petrol Corp., owner, filed December 7, 1934, an application under the building zone resolution to permit in a business district the alteration, alleged extension and maintenance of a gasoline service station; premises: 6501-6505 22nd avenue (Bay Parkway), southeast corner of 65th street (Block No. 6578, Lot No. 3), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 65th street is a business and residence district; that 22nd avenue is a business district; that West 6th street is a business and residence district; and that West 7th street is a business and residence district; and

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WHEREAS, the decision of the Commissioner of Buildings, rendered December 3, 1934, re. App. No. 16480—1934, reads:

“Proposed occupancy for this entire plot as gas station in a business district contrary to Building Zone Resolution, Art. 2, Sec. 4-a, and Board of Standards and Appeals Resolution 293-34-A.”

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 feet on 65th street, and 60 feet on 22nd avenue; and

WHEREAS, on October 30, 1934, under Cal. No. 293-34-A the Board, on an appeal by an adjoining owner, revoked permit No. 7532-1934 issued by the commissioner of buildings for a gasoline service station on these premises. The report of the Committee of the Board stated in part:

“It appears from the records of the Department of Buildings and the Fire Department that on this plot, presumably meant prior to 1923, there was erected, pursuant to plans filed and duly approved under permit No. 3108 of 1923, issued by the superintendent of buildings, a one-story combination store and gasoline service building with a frontage of 60 feet on Bay Parkway and a depth of 60 feet on 65th street. Permits were also duly issued by the Fire Department for gasoline storage tanks and pumps. While the application describes the property as 60 feet by 100 feet, the building erected was 60 feet by 60 feet, and the portion of this building used as a gasoline station consisted of a semi-circular alcove with an opening toward the building line on Bay Parkway of 36 feet and a depth of 23 feet 8 inches, together with a driveway leading through the centre of the building to the rear wall thereof 8 feet in width and 36 feet 4 inches in length. On either side of the gasoline station portion of the building there were stores separated from the station.

It appears that this gasoline station was operated continuously under permits issued until June 16, 1933; that the abutting stores making up the balance of the building were occupied by various conforming uses and not as accessory to the gasoline station, and that the rear portion unbuilt upon was continuously vacant except for a small booth occupied at one time as a police booth, but at no time was this vacant space used as part of the gasoline station. There is some doubt as to whether the passageway 8 feet wide opened into this vacant area. It may have at one time, with an exit driveway across the vacant lot to 65th street, as evidenced by a curb cut at that point but it appears that this passageway was not used recently, if at all, for such purpose, but has been used as a part of the gasoline station for an office, a safe and storage of lubricating oil, precluding its use as a passage. The certificate of occupancy No. 21365, issued October 1, 1923, reads ‘Oil-selling station and stores—one building.’

From June 16, 1933, to date the gasoline station has been out of use, and no permits for the sale of gasoline have been issued. This lapse is explained by the existence of foreclosure proceedings, purchase at foreclosure sale by the present owner (The Nationwide Petroleum Corporation), the filing of plans for reconstruction and the construction work which has proceeded to a point where the new station occupying the entire plot for gasoline selling area and building accessory thereto is approximately 50 per cent completed.

In 1932 the superintendent of buildings approved plans for reconstruction of this building and enlargement of the gasoline-selling area, but as this work was not carried through within the year and the permit was not extended, this circumstance can be disregarded as having no bearing on this present question. It should be pointed out, however, that the approval of the plans by the then superintendent of buildings does not in any way furnish a legal justification for the approval of the present plans”; and

WHEREAS, the applicant's contention in this case is reiteration of his contention in the above appeal case as to the facts which have already been determined (above stated) including the statement that his client, proceeding in good faith and in full reliance upon the approval of the plan 7532-34 approved August 14, 1934, entered into contracts for the demolition of the 65th street frontage and the making of the necessary alterations and changes until he received notice from the commissioner of buildings on November 6, 1934, to cease work; that at that time the work was 90 percent completed and relief is requested and that although work has stopped his client is liable for damages in connection with the delay in finishing buildings; and

WHEREAS, this site was the subject of an inspection by a committee of the Board, which inspection was made on February 21, 1935, and report of same was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal. No. 346-34-BZ.

Premises—6501-6505 22nd avenue (Bay Parkway) southeast corner of 65th street (Block No. 6578, Lot No. 3) Brooklyn.

This is an application brought under sections 7A and 21 of the Zoning Resolution for a zoning variance to permit a gasoline service station at the southeast corner of 22nd avenue, also known as Bay Parkway, and 65th street, Brooklyn. The plot has a frontage of 60 feet on Bay Parkway and 100 on 65th street and is in a business use area. The frontages of both streets are zoned for business use for a distance of 100 feet, to the rear of which the areas are zoned generally for residence use.

The plot now has partially erected thereon the accessory buildings intended for a gasoline station permit for which was granted by the commissioner of buildings on August 14th, 1934. The issuance of this permit by the commissioner of buildings was subject to review by this board under calendar No. 293-34-A, the application for such review having been brought by an adjoining property owner under the provision for such an appeal in section 718-D of the Greater New York Charter. The record in that appeal, 293-34-A has been made a part of this present appeal, 346-34-BZ. The decision of this board in 293-34-A was reneaded on October 30, 1934 and was to the effect that the commissioner of buildings had exceeded his authority in granting the permit for the gasoline station to cover the entire plot and the appeal of the adjoining owner was granted and the permit issued by the commissioner of buildings No. 7532 of 1934 revoked.

No writ of certiorari was obtained to review this board's decision of October 30, 1934, so that the findings stand uncontested.

The present case is brought under two sections, 7A and 21.

Under Section 7A the Board may

“(a) Permit the extension of an existing building and the existing use thereof upon the lot occupied by such building at the time of the passage of this resolution or permit the erection of an additional building upon a lot occupied at the time of the passage of this resolution by a commercial or industrial establishment and which additional building is a part of such establishment”;

A prerequisite for the application of this Section 7A is the existence of a building occupied in whole or in part for a non-conforming use. When such a condition exists the Board may

1. Permit the structural extension of such existing building.
2. Permit the extension of the non-conforming use within such existing building.
3. Permit the erection of an additional building to be used in conjunction with such existing building and the extension of the existing non-conforming use thereon.”

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Months before this appeal was filed the building in which the alleged non-conforming use was maintained was substantially demolished.

At the time these present owners acquired title through foreclosure proceedings whatever non-conforming use existed had been abandoned for a year or more and since June 1933 there was no permit issued to operate a gas station. The pumps were removed and the tanks sealed and the use was allowed to lapse and nothing has been shown by witnesses for those prior in interest, whether it was the intention to abandon the non-conforming use on such portion of the plot where it may have existed or whether it was merely impossible to rent such part of the premises as may have formerly been non-conformingly used for a gasoline selling station.

There appears to be no basis on which the Board can entertain this appeal under Section 7A.

Under Section 21 it is required that there shall be proof that there are practical difficulties or unnecessary hardships which preclude the establishment of a conforming use before this board may vary the use provisions of the zoning resolution.

The proof submitted by the applicant is confined to the claim of vested rights. There is nothing within the purview of Section 21 to indicate that a claim of vested rights can be advanced as a claim of hardship. In fact such a claim is inconsistent therewith.

A committee of the board has inspected this site and the surrounding area on several occasions within the past year in connection with the appeals as to this plot and another in the vicinity. In the opinion of the committee there is no tenable basis for a claim of practical difficulties or unnecessary hardship. There is no claim that practical difficulties exist because of subsurface conditions precluding the erection of a conforming building under the building laws. There has been no claim that unnecessary hardships exist to preclude the establishment of a conforming use that would produce a reasonable and fair return on the investment. Those in opposition have submitted opinions and figures to indicate that a conforming building would pay adequately. In the opinion of the committee this view is correct. The surrounding buildings are well tenanted and the entire surroundings give the appearance of a busy and successful neighborhood trading area.

Whatever hardship that may exist is of this owner's own making. He must have known that a permit such as was granted was of questionable validity and would undoubtedly be attacked by neighboring property owners as soon as the real nature of the proposed alteration was learned. In fact, he was notified within a month of the issuance of the permit that an appeal would be taken.

It is not disputed that the land cost \$53,150. and the new buildings would cost \$6,000. At the time of the hearing in Cal. No. 293-34-A, it was found that the buildings were 50 per cent. completed or \$3,000 worth. Had he stopped upon notice of appeal, that would have been the extent of his loss, but he chose to continue and was apparently not stopped in continuing until it was found that 90 per cent. of the building was completed or \$5,400. worth. Even so, in the opinion of the committee, this structure would not be an entire loss as the walls could be extended to the street line for completion as stores. Section 719-4 of the Charter provides for a stay. The commissioner of buildings should have stopped the work unless he found peril to life existed and so certified.

It is apparent to the committee that an effort was made to hide the use of the new buildings as a gasoline station. The sign permitted reading "Now renting stores" which sign still existed on February 21, 1935 as noted by the committee was intended to deceive the neighboring property owners.

The committee finds that for the reasons stated there is no ground for exercise by the board of its power of discretion under Section 7A nor that there are any practical difficulties or unnecessary hardship proven to permit the board to exercise its discretion under Section 21. The committee further finds that a conforming use can be established on the plot that will produce a reasonable return; that to permit a gasoline station on this plot would cause great hardship to the adjoining property owners who have a right to rely on this plot being used for conforming uses located as it is on such a prominent and busy corner of two important thoroughfares; that it would not be in harmony with the general purpose and intent of the zoning resolution to permit this gasoline station and that it would be contrary to public safety and general welfare and that substantial justice will be done in denying this application in that the owners need suffer no loss in disposing of the property or developing it for a conforming use inasmuch as their investment is apparently not out of line with the prospect for a reasonable return from conforming uses.

In the committee's opinion the occupancy of the building at 2225 65th street does not constitute a duly organized school within the prohibition of Section 21, occupancy for which is not provided for in the certificate of occupancy issued by the commissioner of buildings No. 63948.

It might be pointed out in respect to the court decisions cited by the applicant that there is a great difference between a revocation of a permit by the issuing authority and the revocation by this board charged by Charter provision to review upon appeal the decision of an administrative official. If upon error or undue extension of jurisdiction, a permit issued and work done thereunder constitutes vested rights, then the Charter provision providing the review of such permit by this board is nullified,—a condition clearly not intended.

The committee recommends denial.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, the committee recommended denial of this application; and

WHEREAS, the board deemed that the applicant had failed to substantiate his basis of appeal under the provisions of Section 7A of the building zone resolution and had also failed to substantiate the basis of his appeal under Section 21 of said resolution, unnecessary hardship and practical difficulties, therefore be it—

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

858-22-BZ.

APPLICANT—Thomas W. Lamb, Inc., for Abingdon Amusement Corp., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district extending into a residence district the erection of an additional story on a theatre building, permission to erect which was granted by the board on September 26, 1922, and also a modification of the resolution to permit the use of a portion of the marquee which extends into the residence use district to be used for advertising purposes.

PREMISES AFFECTED—524-532 Eastern parkway (Block No. 1268, Lot No. 34), Brooklyn.

APPEARANCES—

For Applicant: John J. McNamara, H. J. Williams and Eli Stillman.

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ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(858-22-BZ)

WHEREAS, this application affecting premises 524-532 Eastern parkway (Block No. 1268, Lot No. 34), Borough of Brooklyn, was granted by the board September 26, 1922, on certain conditions and resolution interpreted on December 12, 1922; and

WHEREAS, Thomas W. Lamb, Inc., architects, on behalf of the Abingdon Amusement Corp., present owner, requested an amendment of the resolution relating to advertising signs and display within the residence district, and the section of an additional story on the existing theatre building; and

WHEREAS, that portion of the request as to the additional story was withdrawn at this hearing.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of December 12, 1922, only so far as it refers to advertising signs and display within the residence district, so that as amended this clause of the resolution will read:

"That there shall be no sign display nor conduct of the theatrical business within the residence district on either Union street or Eastern parkway, except that the marquee over the main entrance may extend into the residential district for a distance not exceeding 7 feet along Eastern parkway, and provided also that any signs attached to this marquee within the residential area shall not exceed 9 feet in height; that other than this sign permitted on this marquee, there shall be no other sign permitted in the residential district; that other than as amended herein, the resolution adopted by the board on December 12, 1922, shall be complied with in all respects."

181-29-BZ.

APPLICANT—Abraham Sohn, present owner.

SUBJECT—Application for reopening—amendment (re decision of the commissioner of buildings) re Application, under section 21 of the building zone resolution, permitting in a residence district the maintenance of the first story of a residence building for business purposes.

PREMISES AFFECTED—1602 Avenue P and 1601-1611 East 16th street, southeast corner (Block No. 6770, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Louis Sohn.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(181-29-BZ)

WHEREAS, this application affecting premises 1602 Avenue P and 1601-1611 East 16th street, southeast corner (Block No. 6770, Lot No. 1), Borough of Brooklyn, was granted

by the board November 19, 1929, and Abraham Sohn, present owner, requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of November 19, 1929, by adding thereto the additional provision:

"That in the event that the owner desires to enclose the front porch and to remove the front wall of the building, so that the porch will be an extension of the first floor, such may be permitted on condition that the work shall be carried out substantially as indicated on plan filed marked 'Received January 14, 1935,' but only on condition that the exterior of the building on the north, west and south shall be encased with face brick for the full height from ground level to the underneath side of the eaves; that other than as amended herein, the resolution of the board adopted November 19, 1929, shall be complied with in all respects."

629-32-BZ.

APPLICANT—Lama and Proskauer, for Samuel J. Wood and Evelyn Wood, owners.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—East side of Hugh J. Grant Circle, from Westchester avenue to East 177th street (Block No. 3796, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Alfred A. Lama.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(629-32-BZ)

WHEREAS, this application affecting premises east side of Hugh J. Grant Circle, from Westchester avenue to East 177th street (Block No. 3796, Lot No. 1), Borough of The Bronx, was granted by the board June 9, 1933, on certain conditions and time extended April 17, 1934; and

WHEREAS, Lama and Proskauer, in behalf of the owners, have filed a request for a reduction of the area of the plot.

Resolved, that the resolution adopted by the board on June 9, 1933, as amended by resolution of the board adopted on April 17, 1934, be and it hereby is amended, so that the resolution will read as follows:

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted under Section 21, permitting the plot of the reduced area to be used as a gasoline selling station on condition that the balance of the area formerly included shall be used for conforming uses in no way connected with the gasoline station; and on further condition that the accessory uses shall be housed in one-story buildings located toward the easterly end of the plot as indicated on plan marked "Received February 15, 1935"; that such accessory building shall be constructed of fireproof materials throughout except that doors, window and door frames and sash, roof framing and roof boarding may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals; that the weather roof surfacing shall be of non-inflammable material; that the accessory

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buildings shall be only for the uses indicated, namely: office, greasing section and auto laundry; that there shall be constructed along the easterly line of the reduced gasoline station area and running through from Westchester avenue to East 177th street a masonry wall constructed of face brick or architectural terra cotta and not less than 7 feet in height, except that this wall may start at a height of four feet on either building line and be graduated at the rate of one foot in four to the 7-foot height; that the rear wall of the accessory building may be incorporated in this lot line wall; that there shall be no openings in this wall or in the rear wall of the accessory building to the adjoining property to the east; that there shall be no open excavation under this accessory building except the pits for the greasing racks; that there shall be erected on the street building lines a reinforced concrete curb cast integral with the cement paving, such curb to be not less than 12 inches in width nor less than 5 inches in height with rounded top and not more than four openings therein, as shown, two to Westchester avenue and two to East 177th street and none to Hugh J. Grant Circle; that these openings shall not exceed 25 feet in width each with curb cuts approximately opposite not exceeding thirty feet in width; that the gasoline pumps shall be erected not nearer than 15 feet to either street building line; that there shall be planting and shrubs maintained toward the easterly end of the plot where indicated (protected by curbing), between the side walls of the accessory building and the street building line; that other than where occupied by accessory buildings, walls, curbs and planting, the balance of the plot shall be cement paved; that there shall be no portable gasoline pumps used on or from the property; that no automobile repairing shall be carried on; that there shall be no parking of cars on the property; that all advertising shall be limited to the illuminated globes of the pumps and to a flat sign attached to the accessory building, excluding all roof signs and signs of a temporary nature, but permitting a post standard to be erected within the building line near the intersection of Westchester avenue, East 177th street and Hugh J. Grant Circle and permitting on such standard an illuminated sign giving only the name of the gasoline on sale; that complete plans shall be filed with this board and approved by the chairman in behalf of the board before same are filed with the commissioner of buildings; that all permits required shall be obtained within six months and all work completed within one year from the date of this amended resolution.

APPEALS FROM ADMINISTRATIVE ORDERS

307-34-A.
APPELLANT—Edwin W. Kleinert, for Wheeler Shipyard, Inc., owner.
SUBJECT—Appeal from a decision of the commissioner of buildings.
PREMISES AFFECTED—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.
APPEARANCES—
For Appellant: Edwin W. Kleinert.
For Administration: None.
ACTION OF BOARD—Laid over to March 19, 1935, at 2 p. m., to submit drawings showing proposed alterations.

19-35-A.
APPELLANT—Office of Henry T. Child, architects, for Kellerstein & Steger, lessees.
SUBJECT—Appeal from an order and a decision of the fire commissioner.
PREMISES AFFECTED—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.

APPEARANCES—

For Appellant: Sidney Schleman.
For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to March 12, 1935, at 2 p. m., for appellant to apply to department of buildings for certificate of occupancy.

32-35-A.

APPELLANT—David Kaufman, for Harnat Cafeteria, lessee.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—404 Sixth avenue (Block No. 572, Lot No. 2), Manhattan.

APPEARANCES—

For Appellant: None.
For Administration: None.

ACTION OF BOARD—Laid over to March 5, 1935, at 2 p. m., upon written request of appellant.

630-32-A.

APPELLANT—Seiden Films, Inc., lessee.

SUBJECT—Request for reopening—amendment—re Appeal from an order of the fire commissioner.

PREMISES AFFECTED—33 West 60th street (Block No. 1113, Lot No. 8), Manhattan.

APPEARANCES—

For Appellant: B. F. Isaacs and Joseph Seiden.
For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Request to reopen, withdrawn.
THE VOTE TO WITHDRAW REQUEST TO RE-OPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

6-35-A.

APPELLANT—Sears, Roebuck & Co., lessee.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—1236 Castleton avenue (Block No. 212, Lot No. 36), West New Brighton, Borough of Richmond.

APPEARANCES—

For Appellant: H. D. Osterholz.
For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(6-35-A)

WHEREAS, Sears, Roebuck & Co., lessee, filed January 8, 1935, an appeal from an order and a decision of the fire commissioner affecting premises 1236 Castleton avenue (Block No. 212, Lot No. 36), West New Brighton, Borough of Richmond; and

WHEREAS, the order No. 4466-LC of the fire commissioner, dated October 29, 1934, reads:

Section 81-4-C-D, Chapter 10, prohibit the issuance of a permit for the storage and sale of ammunition in excess of 200 small arms cartridges in any building in which the store, or store in part, is used to store paints:

You are therefore advised to:

1—Discontinue the storage or sale of ammunition on these premises in excess of 200 small arms cartridges.”;

and

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WHEREAS, the decision of the fire commissioner, dated December 18, 1934, reads:

"The delay in answering your communication of November 16, 1934, regarding the storage of ammunition at your premises 1236 Castleton avenue, West New Brighton, Staten Island, has been due to the fact that it was necessary for us to cause an investigation of this storage at that location, and as a result it is regretted that we cannot dismiss the violation numbered 4466-LC on our records, and would suggest that you take advantage of your right to appeal from the fire commissioner's decision by appealing to the Board of Standards and Appeals, Room 1002, Municipal Building, Manhattan, for relief. In the event that the Board of Standards and Appeals refuses to accept your appeal for the reason that you have exceeded the 20-day time limit in which to make the appeal, we have been advised that a letter from the fire department will be accepted by that board, and we are forwarding this information against your premises—1236 Castleton avenue and read as follows:

"1—Discontinue the storage or sale of ammunition on these premises in excess of 200 small arms cartridges."

and

WHEREAS, the building is non-fireproof, one story (14 feet) in height, 75 feet by 60 feet in area; OCCUPIED as a general merchandise establishment; cellar, storage; 1st story, retail store; and

WHEREAS, the appellant claims the maximum amount of ammunition stored on the premises during the winter is 5,000 shot-gun shells of assorted gauges, Nos. 12, 16 and 20, and the maximum amount of 1,000 shot-gun shells are stored on the premises during the summer; these shot-gun shells are kept within metal lined cabinets; no cigars, cigarettes, tobacco or liquors are sold on the premises, and no open flame is maintained; all paints for sale on the premises are kept in sealed metal containers at the farthest possible distance from the ammunition stock; all tables and fixtures are constructed of steel; furthermore, the appellant contends that the ordinance was meant to apply to a store used specifically for the sale of paints, whereas the premises in question is used for the sale of general merchandise.

Resolved, that the order of the fire commissioner, No. 4466-LC, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the limited sale of ammunition, *on condition* that there shall be at no time on the premises more than 5,000 shotgun shells of assorted gauges during the winter season and not over 1,000 during the summer season; that all these shells shall be kept within metal lined cabinets except small quantity necessary for display in showcase; that all paints offered for sale shall be in sealed metal containers and stored not nearer than 25 ft. from the ammunition cabinets; that any materials of a highly combustible or flammable nature shall not be stored within a radius of 25 ft. of the shell cabinets; and that such fire-fighting appliances and equipment as may be required by the commissioner shall be maintained at all times.

28-35-A.

APPELLANT—Kenlon Construction Co., for Neo-Gravure Printing Co., lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—601-649 West 26th street, 600-652 West 27th street, 200-214 13th avenue and 245-259 11th avenue (Block No. 672, Lot No. 1), Manhattan.

APPEARANCES—

For Appellant: Gustave Goldman.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross...	4
Absent	0

THE RESOLUTION—

(28-35-A)

WHEREAS, Kenlon Construction Co., for Neo-Gravure Printing Co., lessee, filed January 31, 1935, an appeal from a decision of the commissioner of buildings, affecting premises 601-649 West 26th street, 600-652 West 27th street, 200-214 13th avenue and 245-259 11th avenue (Block No. 672, Lot No. 1), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, rendered January 31, 1935, re App. No. 42-1935, reads:

"Proposed installation is not permitted by the code of ordinances. It is inconsistent with the conditions under which fire prevention plans were originally approved and modification of section 151, chapter 10 of the code of ordinances adopted May 5, 1931. See chapter 10, section 112 of the code of ordinances, also section 151, chapter 10 of the code of ordinances."

and

WHEREAS, the building is fireproof, 19 stories and pent-house in height, 629 ft. 7 in. by 197 ft. 6 in. in area; OCCUPIED: basement, boiler room, 5 persons; 1st story, railroad freight yard, 50 persons; 2nd story, garage, 70 persons; upper stories—tenant factories, about 200 persons per story; pent house, auto repairs, 20 persons; located within an unrestricted district; and

WHEREAS, the appellant claims the building was erected in 1931, certificate of occupancy issued October 1, 1931, no change of occupancy has been made since; equipped with a sprinkler system and a standpipe system; under Application No. 161 of 1934, approved by the commissioner of buildings, the existing naphtha storage system was installed, consisting of two (2) 550-gallon tanks buried under floor of 1st story and piped to a pump nearby; the naphtha is pumped out in 5-gallon cans, carried by hand to the 8th story, where it is used in the mixing of printer's ink; such practice is considered hazardous by the appellant who proposes to remove the existing pump, install a 1½-inch galvanized pipe line from the present naphtha storage tanks to an electric suction pump in a fireproof room on the 8th story, where it is used in the mixing of ink; the 1½-inch naphtha supply pipe to be enclosed within a 3-inch pipe for protection, the horizontal line of piping hung from ceiling of 1st story to be about 200 ft. in length, the vertical riser to 8th story about 98 ft. in length, as shown on plans; furthermore, the appellant contends that the proposed installation will reduce the hazard now existing on the premises.

Resolved, that the decision of the commissioner of buildings re App. No. 42-1935, be and it hereby is *affirmed*, and that the appeal be and it hereby is *denied*.

35-35-A.

APPELLANT—Robert Arnow, lessee.

SUBJECT—Appeal from an order of the fire commissioner. PREMISES AFFECTED—693 Broadway, southwest corner of East 4th street, 16th floor (Block No. 535, Lot No. 52), Manhattan.

APPEARANCES—

For Appellant: Jacob Schonfeld and Robert Arnow. For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross...	4
Absent	0

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THE RESOLUTION—

(35-35-A)

WHEREAS, Robert Arnow, lessee, filed February 11, 1935, an appeal from an order of the fire commissioner, affecting premises 693 Broadway, southwest corner East 4th street, 16th floor (Block No. 535, Lot No. 52), Borough of Manhattan; and

WHEREAS, the order of the fire commissioner No. 4877-LC, dated January 16, 1935, reads:

"8. Provide at least two exits remote from each other from the portion of the premises used for the manufacture of nitro-cellulose products, as per section 235, sub-div. 4, chapter 10, code of ordinances.

and
WHEREAS, the building is fireproof, 16 stories in height, 80 ft. 5 in. by 110 ft. in area; OCCUPIED: Cellar—stores; upper stories, offices and factories, about 30 persons per story; located within an unrestricted district; equipped with a sprinkler system and a standpipe system; and

WHEREAS, the appellant claims he is the lessee of the room, 18 ft. by 38 ft. in area on the 16th story affected by the order, such room has an exit doorway to the public hall which leads to two required means of exit, in accordance with the labor law; the factory work done in the room consists of making advertising display signs used mainly by restaurants, celluloid sheets, 20 in. by 50 in. by .025 in. in thickness, are cut into smaller sheets, 2 by 3 inches and 6 by 8 inches, by making a scratch with a penknife and bending the celluloid by hand; all celluloid is stored in a metal cabinet as required by law when not in the working state; not more than fifteen (15) lbs. of celluloid will be kept in the room at any time; a special permit may be issued for the storage of not more than 50 lbs. of celluloid under section 232, sub-div. 1-a, chapter 10 of the code of ordinances; there is also another tenant with the same exit conditions on the 16th story of this building conducting the business of manufacturing celluloid products under a permit from the fire department; furthermore, the appellant contends that it is impossible to comply with the order due to the construction of the building; that it would be an unnecessary hardship if prevented from continuing the existing business.

Resolved, that the order No. 4877-LC of the fire commissioner be and it hereby is *affirmed*, and that the appeal be and it hereby is *denied*.

PETITIONS FOR VARIATIONS.

358-34-S.

PETITIONER—Slee and Bryson, for Daniel B. Seaver, owner.

SUBJECT—Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—5208-5216 Third avenue (Block No. 805, Lot No. 45), Brooklyn.

APPEARANCES—

For Petitioner: John B. Slee.

For Administration: Assistant Engineer Alfred Rader, department of buildings.

ACTION OF BOARD—Petition denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross...	4
Absent	0

THE RESOLUTION—

(358-34-S)

WHEREAS, Slee and Bryson, for Daniel B. Seaver, owner, filed December 20, 1934, a petition for a variation from the requirements of the labor law as cited in order and decision of the commissioner of buildings, affecting premises 5208-5216 Third avenue (Block No. 805, Lot No. 45), Borough of Brooklyn; and

WHEREAS, the order, No. 2240-LD, of the commissioner of buildings, dated May 25, 1934, reads:

"1. Discontinue the use of the above premises for factory purposes as same does not conform to Section 271 of the Labor Law and Rules of the Board of Standards and Appeals. Among the defects noted are the following:

"(a) No second means of exit provided from 2nd and 3rd stories remote from present exit."

and

WHEREAS, the decision of the commissioner of buildings, rendered December 5, 1934, re App. No. 16271-1934, reads:

"Question of converting 2nd and 3rd floors for factory use in this building, which is partly of frame construction, to be considered by commissioner."

and

WHEREAS, the building is of brick and frame construction, 3 stories (35 ft.) in height, 80 ft. by 100 ft, irregular, in area, OCCUPIED—Cellar—boiler room and furniture storage, 3 persons; 1st story—stores, 50 persons; 2nd story—factory, 35 persons; 3rd story—factory, 25 persons; located within the fire limits and also within an unrestricted use district; EQUIPPED with a fire alarm signal system; EXITS: an interior iron and marble stairway, extending from the 1st story to roof, enclosed in fire-retarded partitions with fireproof doors at openings; a fire escape on the rear of the northerly wing of the building, having non-fireproof openings along the course thereof, extending from the roof of 1st story extension to the third story, goose-neck ladder from third story to main roof, a goose-neck ladder from roof of first story extension to yard of adjoining premises at west, thence through yard and court to the street; ROOFS of adjoining buildings—12 ft. higher at south; same level at north; and

WHEREAS, the petitioner claims the premises originally consisted of four separate frame buildings, erected in 1888, each building designed for a store and two families above; in 1895 the two northerly buildings were altered entirely into a department store, including a new one-story brick extension; in 1907 the two southerly buildings with a new one-story brick extension were included to make one large department store; in 1924 further alterations were made and certificate of occupancy was issued for stores on 1st story and lofts above; from 1909 to present time the building had been used in part for the manufacture of millinery, and from 1911 to 1923 the building was used in part for the manufacture of screens and screen doors; the petitioner has filed three affidavits with this petition signed by adjoining property owners, and there are six affidavits filed with the commissioner of buildings, verifying such use and occupancy; Seaver Brothers sold the building in 1923; the new owner proceeded to make alterations by sub-dividing the store, installing interior stairs, etc., and to continue the factory occupancy on upper stories, the architect neglected to state the factory occupancy with the result that the certificate of occupancy called for stores and lofts; since that time the building has been taken back under foreclosure; in addition to the fire escape at rear of north wing there is an exit door at rear of third story of south wing leading to roof of two-story extension, and a goose-neck ladder from the latter roof to the roof of one-story brick extension and access to goose-neck ladder leading to yard adjoining at west, thence through next adjoining yard and court to the street; there is also a fixed iron ladder from main roof to main proof of adjoining building at south; furthermore the petitioner contends that the occupancy is non-hazardous and the present exits are adequate; the property cannot be rented for any purpose other than stores on first story and manufacturing on upper stories; and

WHEREAS, the records of the building department show that no legal factory occupancy has existed in this building; and

WHEREAS, a committee of the board inspected these premises on February 21, 1935, and the chairman made a statement on behalf of the committee recommending that the

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building comply with the requirements of the labor law.

Resolved, that the order No. 2240-LD. of the commissioner of buildings be and it hereby is *affirmed*, and that the petition be and it hereby is *denied*.

25-35-S.

PETITIONER—G. R. Euell, for Rebar Realty Corp., owner.

SUBJECT—Variation of the labor law as cited in decisions of the health commissioner.

PREMISES AFFECTED—2403 Hoffman street, northwest corner of East 187th street (Block No. 3056, Lot No. 24), The Bronx.

APPEARANCES—

For Petitioner: George R. Euell.

For Administration: Harry L. Silverman of department of health.

ACTION OF BOARD—Petition granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross...	4
Negative	0
Absent	0

THE RESOLUTION—

(25-35-S)

WHEREAS, G. R. Euell, for Rebar Realty Corp., owner, filed January 24, 1935, a petition for a variation from the requirements of the labor law as cited in decisions of the health commissioner affecting premises 2403 Hoffman street, northwest corner of East 187th street (Block No. 3056, Lot No. 24), Borough of The Bronx; and

WHEREAS, the order, No. 3493, of the health commissioner, reads:

"At a meeting of the board of health of the department of health of The City of New York, held December 11, 1934, our application for a permit to sanitary certificate for a cellar bakery at 2403 Hoffman street in the Borough of The Bronx, was denied. By order of the board of health."

and

WHEREAS, the decision of the health commissioner, dated January 4, 1935, reads:

"This is to certify that I have made an inspection of the above mentioned establishment and found the following violations of the sanitary code: :

"Ceiling not 10 feet high.

"Rear yard surface not 6 inches below floor of bakery.

"I notified the persons responsible for the conduct of this establishment that a reinspection will be made on (D. N.) and if it is found that the violations have not been removed, a summons will be served.

"Received copy of above violations."

and

WHEREAS, the building is non-fireproof, 6 stories in height, 46 feet by 90 feet in area; OCCUPIED: cellar, bakery, 4 persons; 1st story, stores and apartments; upper stories, apartments; located within a business district; EXITS: an interior steel stairway, extending from the 1st story to roof, enclosed in brick walls with fireproof doors at openings; and

WHEREAS, the petitioner claims the building was erected in 1915, the original certificate of compliance was issued August 12, 1915, by the superintendent of buildings, and on August 24, 1915, a certificate of compliance was issued by the tenement house commissioner, and on November 28, 1934, the commissioner of buildings issued certificate of occupancy No. 103, applicable to an existing building and permitting a bakery in the cellar with 4 persons employed as shown on certificates filed herewith; the board of health has been issuing permits regularly for the operation of a bakery in the cellar, letter from department of health noting the permits of record issued from November 23rd, 1922, to Jan-

uary 8th, 1935, having been filed; the front room of bakery where bake oven is located is ten (10) feet in height from floor to ceiling, the floor level is on the same level with that of the adjoining yard; the rear room of bakery is nine (9) feet in height from floor to ceiling, there are drainage pipes and rock bottom under the floor of the rear room; otherwise, the bakery is provided with adequate ventilation and conforms in all respects with the requirements of law; furthermore, the petitioner contends the order is technical, strict compliance would cause an unnecessary hardship upon the lessee.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the requirements of the labor law, and that the petition be and it hereby is *granted*, as to Order No. 3493 of the health commissioner, permitting the premises to be occupied as a bakery, *on condition* that the premises shall comply with the requirements of the labor law, section 338 and all other laws applicable thereto, except that the rear room may be 9 ft. in clere height, and *on the further condition* that the floor of the rear room shall be at least 6 in. higher than the rear yard and that the exit from the front room to the side yard shall have a sill not less than 4½ in. in height.

APPLIANCES SUBMITTED FOR APPROVAL

29-35-SA.

PETITIONER—S. Kleinman, agent for the Aetna Oil Burner Co., owner.

SUBJECT—Aetna Range Oil Burner, approval of.

APPEARANCES—

For Petitioner: G. Levine.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board and bureau of combustibles, fire department for test and report.

36-35-SA.

PETITIONER—Edward Kennedy, owner.

SUBJECT—Kennedy Special Double Seal Joint Fitting (Plumbing Device), approval of.

APPEARANCES—

For Petitioner: Edward Kennedy.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board and to the plumbing division, department of buildings, Manhattan, for test and report.

39-35-SA.

PETITIONER—De Bothezat Corporation, owner.

SUBJECT—De Bothezat Bifurcator (for Paint Spraying), approval of.

APPEARANCES—

For Petitioner: W. F. Wurster.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board, bureau of combustibles, fire department and bureau of fire prevention, department of buildings, Manhattan, for test and report.

40-35-SA.

PETITIONER—Benj. Wetstone, agent for Ellington Oil Burner Co., owner.

SUBJECT—Ellington Range Oil Water Heater, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board and bureau of combustibles, fire department, for test and report.

365-34-SA.

PETITIONER—William V. McDevit, for Motor Wheel Corp., owner.

MINUTES

SUBJECT—M. W. Water Heater, Model 20-D, approval of.

APPEARANCES—

For Petitioner: William V. McDevit.

ACTION OF BOARD—Appliance approved in accordance with report of the engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(365-34-SA)

WHEREAS, William V. McDevit, for Motor Wheel Corp., owner, filed December 28, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the M. W. Water Heater, Model 20-D; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This unit consists of a hot water boiler having a burner unit as an integral part thereof. It is designed for use with a standard 275-gallon gravity tank and the burner unit itself is the same as that described in our report on Calendar 366-34-SA. The level of the oil in the burner is maintained by means of an Automatic Products Constant Level and Metering Valve, Type MA. When the water in the boiler reaches a pre-determined temperature, the flame of the burner is lowered by means of a thermostat. This thermostat is manufactured by the Motor Wheel Corp., and when the bulb which is inserted in the boiler expands, it depresses a needle valve which decreases the supply of oil and intensity of the flame in the burner.

It is recommended that the burner be approved for use in domestic and commercial installations when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals for fuel oil not heavier than No. 1.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the M. W. Water Heater, Model 20-D, for use in domestic and commercial installations when used with oil not heavier than range oil or No. 1 fuel oil and installed in accordance with above report and the Oil Burner Rules of the Board of Standards and Appeals with the following additional requirement:

The burner shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 365-34-SA

366-34-SA.

PETITIONER—Wm. V. McDevit, for Motor Wheel Corp., owners.

SUBJECT—M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801, approval of.

APPEARANCES—

For Petitioner: William V. McDevit.

ACTION OF BOARD—Appliance approved in accordance with report of the engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(366-34-SA)

WHEREAS, William V. McDevit, for Motor Wheel Corp., owner, filed December 28, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

Models 501, 601, 701 and 801 are to be used as circulating and radiant heaters and the burner unit consists of the following parts and controls. The burner unit consists of a cast-iron vaporizing bowl, upon which is mounted a perforated steel cylinder. Openings in the bottom of the casting permit the entrance of air to the burner.

Model 501 is installed in a circular radiant heat cabinet with the proper flue connection and is equipped with a three-gallon gravity feed metal tank. The other three models are equipped with six-gallon gravity feed tanks. Between the tank and the outer side of the heater cabinet there is installed the necessary shields to allow an adequate circulation of air, so that the temperature in the tanks is not raised appreciably by the operation of the burner.

These models are equipped with Automatic Products Constant Level and Metering Valves, Type R-6. Each tank at the bottom is also equipped with a valve for completely shutting off the supply of oil to the burner. These heaters all have the necessary flue connections and come equipped with adequate dampers.

These burners were tested under actual working conditions and it was found that the automatic float valves did not permit any excessive oil to flow to the burner, either under operating conditions or when the burner is not lighted and the oil supply is turned on.

It is recommended that these heaters be approved and suggested that certain recommendations be carried out in their installations and incorporated on their instruction cards.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the M. W. Circulating and Radiant Heater, Models 501, 601, 701 and 801, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. Storage container must bear a label permanently attached thereto reading as follows:

NOTICE

Approved By The
BOARD OF STANDARDS AND APPEALS
FOR USE IN NEW YORK CITY
UNDER CAL. No. 366-34-SA

Only an Approved Safety Can Shall Be Used in
Filling This Storage Container.

2. Floor beneath the oil burning device shall be protected by a ½ in. asbestos or other equivalent shield, extending at least 12 inches beyond the outline of such device.
3. Only safety cans approved by the New York Fire Department shall be used for the storage and filling of oil containers.
4. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
5. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

MINUTES

367-34-SA

PETITIONER—Wm. V. McDevit, for Motor Corp., owner.

SUBJECT—M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450, approval of.

APPEARANCES—

For Petitioner: William V. McDevit.

ACTION OF BOARD—Appliance approved in accordance with report of the engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross... 4

Negative 0

Absent 0

THE RESOLUTION—

(367-34-SA)

WHEREAS, William V. McDevit, for Motor Wheel Corp., owner, filed December 28, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

These oil burning bake ovens differ only in type of shelving used in the oven proper. The burners are of the round pot type, as described in report on Cal. No. 366-34-SA. The ovens may be used with the oil supply coming from either a standard 275 gallon gravity tank or a six-gallon metal tank mounted on the rear of the oven having the necessary metal and asbestos shields so as to give an adequate circulation of air to prevent the heating of oil in the storage tank when the oven is in operation.

The ovens are equipped with an Automatic Products constant level and metering valve, type MA, and a shut-off valve located at the base of the six-gallon tank where same is used.

It is recommended that these heaters be approved and suggested that certain recommendations be carried out in their installations and incorporated on their instruction cards.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the M. W. Bake Oven Range Burner, Model 448 and M. W. Core Oven Range Burner, Model 450, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. Storage container must bear a label permanently attached thereto reading as follows:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS
FOR USE IN NEW YORK CITY
UNDER CAL. NO. 367-34-SA

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

2. Floor beneath the oil burning device shall be protected by a ½ in. asbestos or other equivalent shield, extending at least 12 inches beyond the outline of such device.
3. Only safety cans approved by the New York Fire Department shall be used for the storage and filling of oil containers.

4. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of section 403 of chapter V of the code of ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.

5. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

311-34-SA.

PETITIONER—Ansonia Fire Prev. Eng. Co., Inc., for Petroleum Engineering Corp., owner.

SUBJECT—Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe, approval of.

APPEARANCES—

For Petitioner: Herman E. Horwood.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross... 4

Negative 0

Absent 0

THE RESOLUTION—

(311-34-SA)

WHEREAS, Ansonia Fire Prev. Eng. Co., Inc., for Petroleum Engineering Corp., owner, filed November 8, 1934, a petition with the Board of Standards and Appeals for approval of the device known as the Evur-Ready Range Oil Burner, Models Leader, Standards and De Luxe; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief in charge of bureau of combustibles, was substantially as follows:

The Standard Model Burner was installed in the ordinary type kitchen range used for cooking and heating purposes.

The burner consists of a cast iron base having two pairs of concentric rings with walls one inch in height on which are placed four perforated chromium steel shells. These shells are covered with a cast chromium cover. The burner castings are supported on individual cast iron stands which are bolted to the ashpit of the range by means of an iron cross piece. The burner casting is bolted into the stand, and on the top of the stand there are three leveling screws for properly leveling the burner. The oil is regulated by means of the "V" slot type metering valves, manufactured by the Worcester Taper Pin Company.

The oil is supplied from either a metal tank of 2½ gallons, equipped with two handles or from a two gallon glass bottle, protected by a perforated steel jacket. This jacket has the necessary two handles. The stand for supporting the bottle or tank is equipped with the proper clip for rigidly holding the supply container in place, and has a wide base at the bottom so that it may be rigidly fastened to the floor. All oil connections are made with extra heavy copper tubing .049 x 5/16 in. The Leader and DeLuxe models differ from the above only in the fact that they are finished differently. The control and operation of the three models are the same.

The front burner unit was ignited and allowed to get to maximum heat. When this temperature was obtained, the oil supply to the second burner unit was turned on full. There were no puff backs due to faulty ignition to the second burner.

MINUTES

It was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval it is suggested that certain recommendations be carried out in their installation and incorporated on their instruction card.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the Evur-Ready Range Oil Burner, Models Leader, Standards and De Luxe, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustible chamber and other parts of stove or range shall be effectively

sealed with fire clay or other suitable approved material.

7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE

BOARD OF STANDARDS AND APPEALS

For Use in New York City.

Under Cal. No. 311-34-SA.

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

11. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
12. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

Adjourned, 4:35 P. M.

EDWARD V. BARTON, Chief Clerk.

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, November 27, 1934, as they appeared in Bulletin No. 49, Vol. XIX, are hereby corrected to read as follows:

THE RESOLUTION—

(280-34-A)

WHEREAS, Frigidaire Corporation, for Downtown Association, lessee, filed October 4, 1934, an appeal from an order and a decision of the fire commissioner, affecting premises 60 Pine street (Block No. 41, Lot No. 16), Borough of Manhattan; and

WHEREAS, the order of the fire commissioner, dated July 5, 1934, re Order No. 3769-LC, reads:

"Before permit may be issued for your refrigerating plant, the following must be done:

1. Provide adequate window area or mechanical means for ventilating the refrigerating machinery room in accordance with the requirements of section 220-2-D of chapter 10, Code of Ordinances.
2. Cut-off all elevator shafts leading into refrigerating machinery room, as per section 220-1-A of chapter 10, Code of Ordinances.
3. Make doors of dumbwaiter shaft where same enters refrigerating machinery room, fireproof and self-closing.

"It is unlawful to maintain a refrigerating plant without a permit. Please notify this department promptly when this order has been complied with.";

and

WHEREAS, the decision of the fire commissioner, dated September 19, 1934, reads:

"In reply to your communication of the 12th inst., relative to premises 60 Pine street, Manhattan, I desire to state that as these refrigerators are located in the stair hall, no modification can be granted.

* *Correction*—Words "and that there shall be in such sections or rooms no open flames employed" deleted from lines 64 and 65 and words "that where in any such section there is a stairway no open flame shall be permitted" substituted.

"Before the permit can be issued, it will be necessary for your client to comply with the provisions of order numbered 3769-LC.";

and

WHEREAS, the building is non-fireproof, 6 stories in height, 75 ft. by 135 ft. in area; occupied as a private club house, total of 102 persons employed; and

WHEREAS, the appellant claims there are 15 individual refrigerating units in the building, containing from 7 to 18 pounds of refrigerant in each unit (Class C systems); 9 of which use F-12, located in the basement, 2d, 3d and 4th stories; there are 6 units with SO₂ refrigerant on the 5th story which will be arranged so as to comply with the requirements of the fire commissioner; the installations were made in 1930 and should be accepted on the basis of a letter signed by Peter C. Spence, dated February 3, 1931, a copy of which is attached and made a part hereof; paragraph 4 of the new fire department ruling is not retroactive; furthermore, under paragraph 15 the fire commissioner may inspect and pass prior installations if not located in a place of public assembly; the appellant contends that the location of refrigerators should not be classified as a stairhall, but in reality is a serving pantry three times as wide as the required stairhall; that adequate window ventilation is provided in each case; and there are no existing hazards on the premises.

Resolved, that the order of the fire commissioner, No. 3769-LC, be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that the refrigerating machines using SO₂ as a refrigerant shall comply with the requirements of the fire chief and commissioner; that all refrigerators using F-12 as a refrigerant shall be located exclusively, where indicated on plans filed with this appeal, in sections or rooms of the building used for service only; that where in any such section there is a stairway no open flame shall be permitted; that these areas shall be ventilated either by windows to the outer air or by approved mechanical system of ventilation; that all doors leading to elevators or other shafts and to other parts of the building shall be made close-fitting; and that all doors to the dumbwaiter shafts shall be counterbalanced and arranged with fusible link, so as to close automatically in case of fire.

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, February 19, 1935, as they appeared in Bulletin No. 9, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(364-34-SA)

WHEREAS, Wm. V. McDevit, for Motor Wheel Corp., owner, filed December 28, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the M. W. Oil Burning Range Commercial Models 152 and 251 and Domestic Models 101-G and 126-B; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

Models 152 and 251. These models are complete oil burning ranges, equipped with the necessary burner units, tanks and controls. They are designed to be operated from a standard 275 gallon gravity feed tank.

Domestic Models 101-G and 126-B are smaller in size than the above mentioned models, and are furnished with 5½ gallon standard gravity tanks, located at the rear of the range and separated by metal and asbestos shields, giving a double air space between the tanks and the top of the range. The burner unit is identical with the burner used in all the Motor Wheel Corp. models, with the exception that in this particular case, the bowl of the burner instead of being circular is rectangular in shape. The level of the oil is maintained in the bowl by means of an Automatic Products constant level and metering valve, type MA. The feed line is also equipped with a shut-off valve at the base, supporting the tanks.

The controls on the burner were tested under actual working conditions and same were found to function as designed, that is, they prevented the flooding of the

* *Correction*—Former items 1-2-3-4-5 and 8 of requirements deleted as not applying to a new unit. Items No. 7-9-10-11 and 12 changed to 1-2-3-4-5.

vaporization chamber with oil. These ranges are equipped with flue connections and automatic dampers.

It is recommended that the M. W. Range Oil Burner, models 152 and 251 be approved for use in domestic and commercial installations when installed in accordance with the oil burner rules for oil not heavier than No. 1 and certain additional requirements.

It is further recommended that the M. W. Range Oil Burner, Models 101-G and 126-B be approved for use in domestic and commercial installations as a range burner when installed in accordance with the oil burner rules and with certain additional requirements and for fuel oil not heavier than No. 1.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the M. W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. Only approved safety cans shall be used for the storage and filling of oil containers.
2. Floor beneath oil burner device shall be protected by a shield of at least ½ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the stove or range in which the device is installed.
3. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City.
Under Cal. No. 364-34-SA

Only an Approved Safety Can Shall Be Used
in Filling This Storage Container.

4. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
5. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED ANTI-SIPHON VALVES

Dowie Combination Anti-Siphon Valve	222-33-SA	Genuine Detroit Anti-Syphon Valve, Model CRC-100, Types V and S	182-34-SA
General Electric Oil Screen Valve, Model CR 7860-E1A (Anti-Syphon Type)	313-34-SA	Grant Syphon Breaker	213-34-SA
		Preferred Type "B" Anti-Siphon Valve.....	192-34-SA

RULES

RULES GOVERNING FIRE EXTINGUISHING APPLIANCES—SPRINKLER SYSTEMS ADOPTED BY THE BOARD OF STANDARDS AND APPEALS NOVEMBER 9, 1927

NOTE—In reprinting these Rules, no changes have been made, as to departmental jurisdiction, as changed by the McCall Bill known as Chapter 764 of the Laws of 1933.

General Requirements. The rules contained herein cover the general details of a sprinkler equipment only. Before an equipment is installed or before a present equipment is remodeled, involving 10 or more heads on any floor, complete working plans shall be submitted for approval to the Fire Department, with such specification forms as may be required by the Fire Commissioner, except for the installation of the connection to the water main service pipe and meter setting, which shall be approved by the Department of Water Supply, Gas and Electricity.

Plans. These plans shall be drawn to an indicated scale; give correct address and points of compass; show longitudinal and cross sections of the building with story heights, and the essential features of the construction, viz., size, location and direction of joists, timbers or other structural members. They shall also indicate the location and size of water supplies, connecting pipes, feed mains and risers, gate, check, alarm and dry-pipe valves, as well as the location, spacing, number and type of sprinklers. Plans for non-automatic dry-pipe systems shall indicate the location and number of actuating devices.

Upon approval of preliminary plans such number of sets of clean, corrected plans on cloth as the Fire Commissioner may require, not exceeding three (3), shall be filed for final approval of the Fire Commissioner. A certified copy of the approved plans shall be forwarded to the Bureau of Buildings by the Bureau of Fire Prevention. If the structure is equipped with a standpipe (fire line) the plans shall include a note to that effect.

When entirely completed in accordance with the approved plans, application shall be made to the Bureau of Fire Prevention for test and acceptance of the completed installation. When the sprinkler equipment is approved the applicant will be so advised in writing by the Bureau of Fire Prevention.

Rule 1. Definition of Automatic Extinguisher Systems. Automatic extinguisher systems shall consist of a system of piping connected to one or more acceptable sources of water supply, provided with distributing devices so arranged and located as to discharge and diffuse automatically an effective stream or spray over the interior of the building area.

Rule 2. Classification of Sprinkler Systems. For the purpose of these rules, sprinkler systems shall be classified as:

(a) **Automatic Wet Pipe Systems**, in which all pipes and sprinkler heads are at all times filled with water;

(b) **Automatic Dry Pipe Systems**, in which the pipes and sprinkler heads are filled with air, either compressed or at atmospheric pressure, and the water supply is controlled by a Dry Pipe Valve as defined in Rule 39 of these Rules.

(c) **Non-Automatic Systems**, in which all pipes and sprinkler heads are maintained dry, equipped with a siamese fire department connection.

An automatic thermostatic or pneumatic fire alarm with direct connection to Central Office of one of the operating fire alarm companies or Fire Department Headquarters shall be provided in connection with all non-automatic sprinkler systems.

Rule 3. Approved Devices. Automatic sprinklers and accessory appliances shall include all devices approved as such by any recognized standard research laboratory on the endorsement of approval by resolution of the Board of Standards and Appeals.

Rule 4. Water Supply. Approved sources of water supply shall be classified as Automatic and Auxiliary.

(a) **Automatic Sources** shall include the Gravity Tank, the Pressure Tank, or direct connection to the Public Water System.

(b) **Auxiliary Sources** shall include the Fire Pump and the Fire Department siamese connection.

Rule 5. Gravity Tank. Gravity tanks shall contain an available quantity of water sufficient to supply twenty-five per cent. (25%) of the number of sprinkler heads in the average protected fire area for twenty (20) minutes, but not less than 5,000 gallons; and the bottom of the tank shall have an elevation of not less than twenty (20) feet above the highest line of sprinklers below the main roof. Gravity tank or tanks shall not be required to be elevated above the highest sprinklers in pent house having an area less than 2,500 sq. ft., unless such pent house contains a hazardous occupancy, or is used for the storage of combustible material. Where a split system is installed the bottom of the tank or tanks need not be elevated more than 3 feet above the main roof or 20 feet above the highest sprinkler fed from an intermediate tank.

Where a tank capacity in excess of 25,000 gallons is required by this rule, the amount of water in excess of 25,000 gallons shall be provided in separate tanks not grouped together except when tanks of unlimited capacities are supported on structures altogether independent of buildings.

The tank shall be filled through a fixed pipe, independent of the sprinkler piping, not less than two (2) inches in size, discharging into the top of the tank. The water supply and connections shall be capable of supplying the tank at a rate of not less than sixty-five (65) gallons per minute.

The filling pipe shall be carried up inside a frost-proof casing and may extend through tank bottom to discharge at top of tank above full water level. The portion of pipe inside tank must be of brass or copper or other non-corrosive material.

Tanks shall not be fed through sprinkler lines.

The sprinkler and standpipe tanks may be fed from a common source of supply, either a pump or a direct service main connection, provided that there are separate feed mains from the basement or lowest story and a control valve in each feed line in a pump or engine room.

The overflow pipe shall be not less than two (2) inches in diameter for tanks up to 30,000 gallons capacity and not less than three (3) inches in diameter for larger tanks. The top of the overflow pipe shall be three (3) inches below the top of the staves in wooden tanks and one (1) inch from the top in steel tanks. The pipe may extend through the bottom of tank provided the portion inside tank is of brass or copper or other non-corrosive metal and without joints or it may extend through side of tank. For tanks over roofs overflow pipes shall terminate not more than twenty-four (24) inches above roof and shall be fitted with a 90 degree elbow. At each gravity or pressure tank there shall be provided a 4-inch emergency drain, and for gravity tanks in excess of ten thousand (10,000) gallons capacity a six-inch (6") emergency drain must be provided. Such drain to be equipped with an O. S. and Y. gate valve arranged to discharge on the roof of building not more than twenty-four inches (24") above roof and shall be fitted with a 90 degree elbow. When the tank or tanks are on a separate structure independent of buildings, drain connections to be arranged to discharge at ground level.

Rule 6. Frost Proofing. The discharge, heating or filling pipes where exposed to the weather shall be protected from freezing in the following manner:

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1. Pipes painted two (2) coats of red lead in linseed oil with a small percentage of litharge as a hardener.

2. One wrapping of tar paper equivalent to Asphalt Saturated Wool Felt paper weighing 12 lbs. per 100 sq. ft.

3. Three (3) layers of standard 1" high grade long cow's hair felt interposed and covered with one (1) layer of builder's paper equivalent to red rosin sized sheathing paper weighing 40 lbs. per 500 sq. ft.

4. One (1) covering of 8 oz. canvas, painted with two (2) coats of waterproofed paint.

Application.

a. All wrappings to be independently applied and securely fastened in place with heavy jute twine. Circumferential and longitudinal joints to have at least a 2" lap staggered with adjacent layers and opposing leakage to the hair felt.

b. In groups of pipes each water pipe is to be wrapped separately with the tar paper, but subsequent layers of felt and paper may be applied collectively if space does not permit of individual wrapping.

c. Where a heating pipe is one of the group, the wrapping should be applied so that the hot line would serve all pipes in the enclosure. The initial wrapping of tar paper around each water pipe should be applied with laps down and the whole group wrapped with tar paper with laps up. If due to the position of the hot line sufficient air space would not insulate the hair felt, then protection to be effected by suitable separators, or a wrapping of asbestos paper instead of the tar paper around the group.

d. On vertical pipes particular provision to be made to prevent slipping and tearing of insulation due to its weight.

e. To prevent slipping away of insulation at point of entrance of pipes into a tank, and to shed leakage from slip joints, a 16 oz. duck to be provided, doubled and securely fastened to bottom of the tank overlapping inside and outside the insulation of the group for a distance of 18" below the tank. This duck to be well coated with paint. Loose hair felt to be packed about connections at tank bottom to safeguard against settling.

Rule 7. Tank Ladders and Supports. Easy access to top of each tank shall be provided by means of a steel or wrought iron gooseneck ladder substantially constructed of flat iron side bars of not less than 2" x 1/2", or angle iron strings not less than 1 3/4" x 1 3/4" x 1/4", spaced not less than 14" apart, with rungs round or square not less than 5/8", spaced not more than 12" on centres, the ladder rigidly braced, and shall not tip outward from the vertical at any point, and when ladders exceed 20 feet in height an iron platform not less than 14" square, rigidly secured to strings of ladder and properly braced shall be provided near top of tank.

Tanks above roofs shall be constructed according to the requirements of the Building Code and supporting structures shall be approved by the Superintendent of Buildings. Tanks not enclosed and exposed to the weather shall be covered with a double roof of acceptable construction consisting of a tight flat cover of matched boards and above this a conical roof which shall be covered with an approved roofing.

Where a gravity tank is located on a structure altogether independent of buildings the bottom shall not be less than 20 feet above the highest line of sprinklers below the main roof of the highest building in a group of buildings.

Rule 8. Pressure Tank. Pressure tanks shall contain sufficient water to supply twelve and one-half per cent (12 1/2%) of the number of sprinklers in the average protected fire area for twenty (20) minutes, but not less than 3,000 gallons of water for a wet pipe system where supplemented by an auxiliary water supply, and not less than 5,000 gallons of water for a dry-pipe system. No single tank shall have a capacity greater than 6,000 gallons of water. The tank shall be kept two-thirds (2/3) full of water under a pressure of seventy-five (75) pounds per

square inch, and shall be so proportioned and located that a pressure of not less than fifteen (15) pounds per square inch will be available on the highest line of sprinklers below the main roof.

A pressure tank or tanks shall not be located below the highest line of sprinklers under the main roof supplied by such tank or tanks and shall not be required to be located above the highest line of sprinklers in a pent house having an area less than 2,500 square feet unless such pent house contains a hazardous occupancy or is used for the storage of combustible materials. Where a split system is installed the bottom of the intermediate tank shall be located above the highest line of sprinklers fed from such tanks.

The water shall be supplied through a fixed pipe, independent of the sprinkler piping, not less than two inches in size. The water supply and connections shall be capable of supplying the tank at a rate of not less than sixty-five (65) gallons per minute without reducing the pressure in the tank. The tank shall have a fixed metallic horizontal line on the end opposite the glass gauge, or other acceptable device, to indicate the level of the water when the tank is two-thirds full.

The air compressor shall be of sufficient capacity to increase the air pressure at the average rate of one (1) pound in two minutes in each pressure tank.

Rule 9. Public Water System. Direct connection to the city water supply shall be capable of furnishing water, at not less than fifteen (15) pounds per square inch static pressure at the highest line of sprinklers below the main roof.

(a) Where the average pressure from the city water supply does not comply with this rule but is sufficient to give at least five pounds at the highest line of sprinklers as determined by test, an automatic, electrically driven pump installed for the purpose of boosting or increasing the city water pressure in the sprinkler system may be accepted under the following conditions:

Pump to be a single stage, centrifugal, of approved design, to be of not less than 500 gallons per minute capacity and to otherwise comply with Rule 10.

(b) Pump to be automatic, arranged to maintain 25 pounds at highest line of sprinklers at rated capacity and to be under the supervision and directly connected to the office of one of the fire alarm companies which is connected to Fire Department headquarters.

(c) The acceptance of this form of an automatic water supply shall be limited to an individual building not exceeding 80 feet in height, requiring not more than 100 sprinklers in the largest fire area.

(d) Subject to the requirements of the Department of Water Supply, Gas and Electricity, the size of each connection shall be as large as that of the main riser and not less than four (4) inches, and shall have a post indicator manually operated control valve, painted green, sealed open in an approved manner, located on the first story or at the sidewalk level near point of main entrance to building, and be provided with a sign secured to post reading: sprinkler control to city main.

(e) House service water supply connection may be taken from the sprinkler water supply connection to the city main on the inlet side of the fire meter, not exceeding 1 1/4 inches in diameter for a 4-inch connection, and 2 inches in diameter for a 6-inch or larger connection.

(f) A certificate establishing the fact that water supply conditions and pressures are as may be required shall be submitted to the Fire Department from the Department of Water Supply, Gas and Electricity.

Rule 10. Fire Pump. As auxiliary sources of water supply, steam or electric standard fire pumps shall receive water supply from a suction tank, a direct connection to the city water main or other approved sources capable of supplying the pump at its rated capacity for sixty (60) minutes. The rated capacity of the pump

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shall be not less than five hundred (500) gallons per minute, and shall be sufficient to supply twenty-five per cent. (25%) of the number of sprinklers in the average protected fire area.

The pump shall be located in a room of fireproof construction, properly ventilated, lighted and drained, enclosed in eight (8) inch brick or concrete walls with approved fire doors at openings and with fireproof floor and ceiling construction. If located in the lowest story of the building, the pump shall be placed on a foundation not less than one (1) foot in height. The pump room shall be readily accessible with safe egress for the attendant.

A reliable source of energy for driving the pump shall be provided. For steam pumps, provision shall be made for sufficient steam power to operate the pumps at full rated capacity, and a steam pressure of not less than fifty (50) pounds shall be maintained at the pump at all times. Where there is more than one boiler, the pipes and valves shall be so arranged to permit the cutting out of any one boiler without interrupting the steam supply to the pump from the other boilers. The boiler room shall be cut off from the remainder of the building by fireproof floor and wall construction with approved fire doors at all openings.

Electrical energy from a public service plant shall be acceptable as a source of energy for driving electric fire pumps. When local power plants supply the energy for operating electric pumps, two motor generator units shall be provided, or one generator unit supplemented by a public service break-down switch. Local electric power plants shall be located in rooms of fireproof construction with approved fire doors at openings.

Rule 11. Sprinkler Discharge. For the purpose of computing the capacity of water supplies, standard one-half ($\frac{1}{2}$) inch sprinkler heads shall be assumed to have an average discharge of twenty (20) gallons per minute, and the discharge of larger heads shall be computed proportionately in the ratio of the areas of their respective orifices.

Rule 12. Fire Area. A fire area is any floor space enclosed on all sides by exterior walls or fire walls or a combination of both.

In a non-fireproof building with mill or non-fireproof floors and roof, such wall shall be not less than 8 in. in thickness if of brick or stone, and not less than 6 in. if of reinforced concrete, and extending continuously from the lowest story to be at least 3 ft. above the roof and be coped.

In a fireproof building such wall or walls shall be of fireproof material not less than 6 in. in thickness, and shall extend from the fireproof floor to ceiling, or underside of fireproof roof.

No opening shall exceed 66 in. in width, or 60 sq. ft. in area, the centre of every opening in such walls shall be at least 40 ft. from the centre of every other opening therein at the same level.

All openings shall be provided with approved automatic fire doors on each side of openings.

The number of sprinklers in the average protected fire area shall be determined by the number of sprinklered stories in such section. In determining the required capacity of water supplies, the number of sprinklers in the average protected fire area need not include those located in low positions, such as under benches, low shelves, closets and platforms and between cars in car barns.

Rule 13. Fire Department Connection. All automatic sprinkler systems shall be provided with at least one two-way siamese connection on each street front of the building for connection to the fire department hose. Buildings fronting on only one street shall be provided with at least two siamese connections when the street frontage of building exceeds two hundred (200) feet.

Where buildings have frontages on more than one street there shall be a fire department connection on each street front where frontage is not continuous but in all cases where more than one fire department connection is required they shall be located as the Fire Commissioner may direct and shall not be grouped. The siamese headers shall be of the same diameter as the largest riser or cross connection, but in no case less than 4 inches or more than 6 inches.

All siamese hose connections hereinafter installed, except those on piers or warehouses intended for fire boat use, shall be three (3) inch, female connection. Siamese on piers, warehouses, etc., intended for fireboat use, except where the source of supply is from a direct connection to city main, shall be not less than $3\frac{1}{2}$ -inch female connections with standard fire department threads.

The siamese shall be placed at least eighteen (18) inches and not more than three (3) feet above the sidewalk, in a horizontal position accessible to the fire department. Each inlet shall be provided with a clapper valve machined to a true face.

Each siamese connection shall be designated by raised letters at least one (1) inch in size, cast in the fitting in a clear and prominent manner and reading for the service designated, viz.: "Base, Spkr.," etc., as the case may be. If the entire building is sprinklered, the fitting shall be marked "Auto. Spkr."

Siamese hose connections may project through a street wall not more than twelve (12) inches beyond the building line except that where there is an angle formed by the street wall and a check piece or the base of a column, pilaster or ornamental projection, they may be so located that no part extends more than fifteen (15) inches from either side of such angle in accordance with the provisions of the Building Code.

In each fire department connection there shall be an approved straightway check valve installed in a horizontal position, the piping shall be arranged to drain between the check valve and the outside siamese coupling by either a ball drip having a one-half ($\frac{1}{2}$) inch pipe connection and one-half ($\frac{1}{2}$) inch orifice and a bronze ball of proper size, or by a three-quarter ($\frac{3}{4}$) inch drip connection arranged to drain to a sewer.

All sprinkler siamese street risers, siamese wall collars and adjustable siamese caps shall be painted green.

Rule 14. Sprinkler Systems Classified.

(a) One Source Systems, supplied with water from any one of the automatic sources or the automatic supervised fire pump specified in rule nine; and

(b) Two Source Systems, supplied with water from a combination of any two of the automatic sources; two pressure tanks with a total water capacity twice that required for a one source supply; direct connection to the city water supply on two different streets, so located that the closing of the controlling valve on one main will not eliminate the main on the other street; or a direct connection to the city water supply and one of the auxiliary sources provided the water supply connection is at least six (6) inches in size, the main is fed both ways and a two (2) inch test pipe at the top of the sprinkler riser shows a flowing pressure of fifteen (15) pounds per square inch between the hours of six a. m. to six p. m.

Rule 15. Sprinkler Spacing. Sprinkler heads and lines shall be spaced as herein provided:

Mill Construction. Under mill ceiling (smooth solid plank and timber construction, 5 to 12 foot bays) one line of sprinklers shall be placed in the center of each bay and the distance between the heads on each line shall not exceed the following:

- (a) For Standard one-half ($\frac{1}{2}$) inch heads—
 - 8 feet in 12 foot bays;
 - 9 feet in 11 foot bays;

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- 10 feet in 10 foot bays;
- 11 feet in 9 foot bays;
- 12 feet in 5 to 8 foot bays;
- (b) For Conran* one (1) inch heads—
20 feet in 5 to 12 foot bays.
- (c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads—
25 feet in 5 to 12 foot bays.
- (d) Vaults used for the storage of inflammable motion picture films shall have one standard one-half ($\frac{1}{2}$) inch head for each 62½ cubic feet of available storage space, or one (1) inch Conran* head for each 250 cubic feet of available storage space.

Measurements shall be taken from center to center of timbers.

Ceilings of modified mill construction having bays less than three (3) feet wide shall be treated as open joist construction and sprinkler heads and lines spaced accordingly.

Bay timbers spaced three (3) feet or more on centers, but less than five (5) feet on centers, will require special ruling by the administrative official having jurisdiction.

Rule 16. Joisted Construction. Under open finish joisted construction ceilings, floor, decks and roofs, the sprinkler lines shall be run at right angles to the joists and the heads "Staggered spaced" so that heads on one line will be opposite a point halfway between heads on adjacent lines.

a. One-Half Inch Heads. For Standard one-half ($\frac{1}{2}$) inch heads the distance between lines of sprinklers shall not exceed ten (10) feet, and the distance between heads on each line shall not exceed eight (8) feet, the end heads on alternate lines being spaced not more than two (2) feet from wall or partition. Permission may be given by the administrative official having jurisdiction to install but one line of sprinklers, in each bay where girders project below the underside of joists and divide the ceiling into bays ten (10) to eleven and one-half ($11\frac{1}{2}$) feet wide from center to center of girders, and the heads shall then be spaced on each line so that the area covered by a single head does not exceed eighty (80) square feet. In all cases where such bays are over eleven and one-half ($11\frac{1}{2}$) feet wide, two or more lines of sprinklers shall be installed in each bay as required by the rules for spacing. Where girders and joists are flush at the bottom, heads shall be spaced according to the general rule.

b. One Inch Heads. For Conran* one (1) inch heads the distance between adjacent lines shall not exceed twenty (20) feet and the distance between the heads on each line shall not exceed sixteen (16) feet, the end heads on alternate lines being spaced not more than four (4) feet from wall or partition. Where girders project below the underside of joists and divide the ceiling into bays not exceeding twenty (20) feet in width, measured from center to center of girders, one line shall be placed in the center of each bay. In bays exceeding twenty (20) feet in width at least two (2) lines shall be installed in each bay and in no case shall the distance between adjacent lines exceed twenty (20) feet.

c. One and One-Quarter Inch Heads. For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads the distance between adjacent lines shall not exceed twenty-five (25) feet and the distance between the head on each line shall not exceed twenty (20) feet, the end head on alternate lines being spaced not more than five (5) feet from wall or partition. Where girders project below the underside of joists and divide the ceiling into bays not exceeding

twenty-five (25) feet in width, measured from center to center of girders, one line shall be placed in the center of each bay. In bays exceeding twenty-five (25) feet in width at least two (2) lines shall be installed in each bay, and in no case shall the distance between adjacent lines exceed twenty-five (25) feet.

Rule 17. Smooth Finish, Sheathed or Plastered Ceilings. Under smooth finish, sheathed or plastered ceilings, in bays six (6) feet wide and over (measurements to be taken from center to center of timber, girder or other projection or support forming the bay), sprinkler heads and lines shall be spaced as follows:

- (a) For standard one-half ($\frac{1}{2}$) inch heads—

One line of sprinklers shall be placed in the center of each bay for bays not exceeding twelve (12) feet in width, and the distance between the heads on each line shall not exceed the following:

- 8 feet in 12 foot bays;
- 9 feet in 11 foot bays;
- 10 feet in 6 to 10 foot bays.

Bays in excess of twelve (12) feet in width and less than twenty-three (23) feet in width, shall contain at least two (2) lines of sprinklers; bays twenty-three (23) feet in width or over shall have the lines therein not over ten (10) feet apart. In bays in excess of twelve (12) feet in width, not more than one hundred (100) square feet of ceiling area shall be allotted to any single head.

- (b) For Conran* one (1) inch heads—

One line of sprinklers shall be placed in the center of each bay for bays not exceeding twenty (20) feet in width, and the distance between the heads on each line shall not exceed twenty (20) feet. Bays in excess of twenty (20) feet in width shall contain at least two (2) lines and in no case shall the distance between adjacent lines exceed twenty (20) feet.

- (c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads—

One line of sprinklers shall be placed in the center of each bay for bays not exceeding twenty-five (25) feet in width and the distance between the heads on each line shall not exceed twenty-five (25) feet. Bays in excess of twenty-five (25) feet in width shall contain at least two (2) lines and in no case shall the distance between adjacent lines exceed twenty-five (25) feet.

Rule 18. Fireproof Construction. The rules of slow-burning mill construction shall apply as far as practicable. The rule may be modified, however, the intent being to arrange the spacing of heads to protect the contents rather than the ceilings; but in no case shall the distance between a head on one line and a head on an adjacent line exceed the following:

- (a) For standard one-half ($\frac{1}{2}$) inch heads, 12 feet.
- (b) For Conran one (1) inch heads, 20 feet.
- (c) For Conran one and one-quarter ($1\frac{1}{4}$) inch heads, 25 feet.

Rule 19. Distance From Walls. The distance from wall or partition to the first head on a sprinkler line shall not exceed one-half the allowable distance between the heads on such line. Additional heads may be required in the narrow pockets formed by bay timbers or beams and wall. Where beams, girders, columns, walls, partitions or other obstructions prevent the effective discharge of water, additional heads shall be installed to effectively sprinkle the area.

Rule 20. Vertical Shafts. In vertical shafts having inflammable sides, heads shall be provided within the shaft in addition to the head or heads at the tops of shafts, as follows:

- (a) One standard one-half ($\frac{1}{2}$) inch head for each 200 square feet of inflammable surface.

* Wherever the term "Conran head" is used in these Rules, it is to be taken as meaning either a Conran head of the type tested and approved by the Fire Department, or one that has passed similar tests by the Fire Department.

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(b) One Conran* one (1) inch head for each 400 square feet of inflammable surface.

(c) One Conran* one and one-quarter ($1\frac{1}{4}$) inch head for each 500 square feet of inflammable surface.

Such head or heads shall be installed at each floor when practicable, and always when shaft is trapped. Where practicable, heads shall be "staggered" at the alternate floor levels, particularly when only one head is installed at each floor level.

Rule 21. Pitched Roofs. Under a pitched roof sloping more steeply than one (1) foot in three (3) feet, heads shall be located in peak of roof, and those on either side of the peak shall be spaced according to the foregoing requirements. The distance between heads shall be measured on a line parallel with the roof. Where the roof meets the side wall or the floor line, the heads shall be placed not more than the following distance from such intersection:

(a) For standard one-half ($\frac{1}{2}$) inch heads, $3\frac{1}{2}$ feet.

(b) For Conran* one (1) inch heads, 7 feet.

(c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, $8\frac{1}{2}$ feet.

Heads spaced not to exceed the following distance each way from the peak to roof, measured on a line parallel with the roof, may be used in lieu of heads located in peak of roof:

(d) For standard one-half ($\frac{1}{2}$) inch heads, $2\frac{1}{2}$ feet.

(e) For Conran* one (1) inch heads, 5 feet.

(f) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, $6\frac{1}{4}$ feet.

In sawtooth roof construction, the end heads on the branch line shall be spaced not to exceed the following distance from the peak of the sawtooth:

(g) For standard one-half ($\frac{1}{2}$) inch heads, $2\frac{1}{2}$ feet.

(h) For Conran* one (1) inch heads, 5 feet.

(i) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, $6\frac{1}{4}$ feet.

Rule 22. Special Locations and Variations. In special locations, such as over electric generating, power and transforming apparatus, over their controlling devices and switchboards, where water from the fire extinguishing equipment would be detrimental, the sprinkler lines and heads may be omitted at the discretion of the administrative official having jurisdiction, and when in his judgment a slight variation of this rule of spacing is desirable to effect a more efficient distribution of water for fire extinguishing purposes, the sprinkler lines and heads shall be spaced as he may direct.

Rule 23. Sprinkler Position. All sprinkler heads shall be located, wherever possible, in an upright position on top of the pipes, except that sprinkler heads on automatic wet pipe systems may be pendant on concealed piping and when construction or occupancy of a room or enclosure makes it preferable.

(a) Where standard one-half ($\frac{1}{2}$) inch heads are installed sprinkler deflectors shall be parallel to ceilings, roofs or the incline of stairs, but when installed in the peak of a pitched roof they shall be horizontal. Distance of deflectors from ceilings of mill or other smooth construction, or bottom of joists of open joist construction, shall be not less than three (3) inches nor more than ten (10) inches.

In fireproof buildings, the distance between deflectors and panel ceilings shall not exceed fifteen (15) inches.

(b) Where Conran* heads are installed, the top of head shall be located the same distance below joists or ceiling as specified for deflectors in paragraph (a) of this rule; except that when heads are located under pitched roofs or piers or similar structures, they shall in general be installed in the upright position (not normal to slope of roof) and three (3) feet vertically below the underside of roof. When the administrative official having jurisdiction deems a variation of

this rule advisable to obtain a more efficient distribution of water, the heads shall be located with respect to joists or ceiling, as he may direct.

Rule 24. Spray Clearance. Not less than eighteen (18) inches effective clear space shall be left below the sprinkler heads, so that they may discharge an unbroken spray blanket from sprinkler to sprinkler and sides of room when in operation. Any stock piles, racks or other obstructions interfering with such action shall not be permitted. Sprinkler system piping shall not be used for the support of stock, clothing, etc.

Rule 25. Pipe Sizes. The number of heads on a given size pipe in one fire area in any story shall not exceed the following:

(a) For standard one-half ($\frac{1}{2}$) inch heads—

Size of Pipe	Maximum No. of Heads Allowed
$\frac{3}{4}$ inch	1 head
1	2 heads
$1\frac{1}{4}$	3 "
$1\frac{1}{2}$	5 "
2	10 "
$2\frac{1}{2}$	20 "
3	36 "
$3\frac{1}{2}$	55 "
4	80 "
5	140 "
6	200 "
7	300 "
8	420 "

(b) For Conran* one (1) inch heads—

Size of Pipe	Maximum No. of Heads Allowed
1 inch	1 head
$1\frac{1}{4}$	2 heads
$1\frac{1}{2}$	3 "
2	4 "
$2\frac{1}{2}$	6 "
3	9 "
4	18 "
5	34 "
6	51 "
7	75 "
8	105 "

(c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads—

Size of Pipe	Maximum No. of Heads Allowed
$1\frac{1}{4}$ inch	1 head
$1\frac{1}{2}$	2 heads
2	3 "
$2\frac{1}{2}$	4 "
3	6 "
4	12 "
5	21 "
6	40 "
7	60 "
8	84 "

When it is desired to use pipe of larger size than eight (8) inches in diameter, special ruling will be required by the administrative official having jurisdiction as to the permissibility of its use and the number of heads that may be fed thereby.

Where practicable, it is desirable to arrange the piping so that the number of heads on a branch line will not exceed eight.

When the piping is arranged on the "gridiron" plan, the permissible number of heads may be doubled, provided the feed main is of the size indicated in the schedule for the total number of heads.

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Where feed mains supply branch lines of only two heads each, the conditions approach those of long single lines. Such feed mains shall usually be centrally supplied where there are over eight (8) or ten (10) branch lines. Branch lines up to fourteen (14) in number may be fed from end, provided a two and one-half ($2\frac{1}{2}$) inch pipe does not supply more than sixteen (16) standard one-half ($\frac{1}{2}$) inch heads, in lieu of twenty (20).

Building having slatted floors, or large unprotected floor openings without approved stops, shall be treated as one room with reference to the pipe sizes, and the feed main shall be of sufficient size to accommodate the number of heads called for. Larger pipe sizes than are allowed in the schedule for a given number of heads may be required wherever the construction or conditions introduce unusually long runs of feed mains or many angles. Buildings with blind attics with small, unprotected openings to floor below, may be piped from the system on the ceiling of floor below, provided pipe size schedule is not overloaded on sizes three (3) inches or under.

Rule 26. Feed Mains. The size of feed mains shall not be less than the size of riser and shall be arranged to run as direct as possible from source of water supply to riser.

Feed mains for stair or other towers without approved stops between floors, when piped on independent riser, shall be of sufficient size to accommodate the total number of sprinklers in such tower.

Rule 27. Risers. There shall be one or more separate risers in each building and in each section of the building divided by fire walls. Risers shall be arranged to provide "Center Central" or "Side Central" supply to feed main. Each riser shall be of sufficient size to supply all the heads on said riser in one story, according to the schedule of pipe sizes in Rule 15.

If the conditions warrant, special permission will be granted allowing the heads in a fire section of small area to be fed from the risers in another section, provided the total number of heads in such area does not exceed the following number per floor:

- (a) For standard one-half ($\frac{1}{2}$) inch heads, 48.
- (b) For Conran* one (1) inch heads, 12.
- (c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, 8.

Risers shall not be located close to windows, properly protected from mechanical injury and freezing and shall be properly supported on foundations and by floor plates, clamps, couplings or approved hangers.

Rule 28. Connections Prohibited. No connections, such as for sill cocks, house service or hose outlets, shall be made with a sprinkler system riser or any part thereof except as provided for in rule 9.

Rule 29. Air Lock Adjustment. Where gravity and pressure tanks feed through a common discharge pipe or "dead riser" to the foot of a riser and an air lock is likely to develop the discharge pipe of the gravity tank shall connect with the discharge pipe, or "dead riser," forty (40) feet below the bottom of the pressure tank.

Rule 30. Pipes and Fittings. All pipe shall be full-weight standard wrought iron or steel threaded pipe, well reamed and screwed up tight into fittings without reducing the waterway. Fittings shall be standard cast iron fittings, and shall be long turn pattern on feed mains and risers.

Such fittings shall be designed and guaranteed for a working pressure of 150 pounds per square inch and must be capable of withstanding a hydrostatic test pressure of 750 pounds per square inch without failure.

All pipe shall be secured to the ceiling, walls and other parts of the building with standard steel, wrought or malleable iron hangers.

Extra heavy fittings shall be employed where the normal pressure in the pipe system exceeds one hundred and fifty (150) pounds per square inch, and shall be designed for a working pressure of 250 pounds per square inch and be capable of withstanding a hydrostatic test pressure of 1,250 pounds per square inch without failure.

All underground pipe shall comply with the specifications for cast iron pipe of the American Water Works Association.

Rule 31. Protection of Pipes and Sprinklers. When exposed to moisture, sprinkler pipes and hangers shall be protected against corrosion whenever found necessary by thoroughly cleaning the pipe of all scale and grease and painting with a coat of red lead and linseed oil paint or other acceptable moisture resistive paint. When exposed to chemical fumes, the pipe and fittings shall be coated with graphite or other approved chemical resistive paint. Care shall be taken not to paint the sprinkler heads.

Supply pipes of risers in low basements or low spaces under ground floors exposed to frost, shall be properly protected by a masonry or wood enclosure, properly heated or filled with mineral wool, sawdust or tar mixed with granulated cork, extending below bottom of pipe and through the top flooring of ground floor, or the pipe shall be protected with three alternate layers of one-inch hair felt and building paper or by other approved method. When of wood, such enclosure shall be constructed double with a layer of tar paper between the two thicknesses of wood.

Where risers, drains, heating pipes, etc., pass through cinder concrete floors or partitions, they shall be protected with a metal sleeve or be grouted with cement mortar.

Wherever sprinklers are exposed to corrosion, the heads shall be protected with an approved hermetically sealed cover, or with an approved wax coating.

Rule 32. Drainage. All sprinkler pipe and fittings shall be so installed that they can be thoroughly drained, and where practicable, all piping shall be arranged to drain at the main drips.

Drains or drip pipes shall be so arranged as not to expose any part of the sprinkler system to frost, and shall be so connected, either by check valves or other means, that they will not overflow domestic service or other connections to the same sewer or house drain, or if carried through the wall and exposed to the weather, they shall be fitted with hoods or down-turned elbows.

Drains, pitched not less than one-quarter ($\frac{1}{4}$) inch in ten (10) feet, shall be installed:

- At the base of the main riser;
- At each alarm valve;
- At each dry-pipe valve;
- At each gravity tank;
- At each pressure tank;
- At each fire department connection;
- On each floor, if independent floor control valves are used; and

At each supply main, when the water in the same cannot be removed through any of the above drains. Such drains shall be installed with controlling valves so that flowing tests may be made to determine if the water supplies or connections from yard mains to the inside of the building are in order without causing water damage or overflowing service connections to the same house drain. Any such drain shall be not less than two (2) inches in size except that drains at independent floor valves shall be not less than 1 inch in size where floor valves are not over $2\frac{1}{2}$ inches in size and $1\frac{1}{4}$ inches where floor valves are larger and connected to a main drain riser of not less than $1\frac{1}{2}$ inches in size. The drain at the main riser shall discharge into a cone or sight drain, or if carried through the wall and exposed to the weather, it shall be fitted with a hood or down-turned elbow.

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At an alarm valve at the top of a riser in a down-fed system a drain shall not be required.

On automatic wet pipe systems, the horizontal branch pipes shall be pitched not less than one-quarter ($\frac{1}{4}$) inch in ten (10) feet to drain towards the sources of supply with drip valves at the low points.

On automatic dry-pipe systems, branch pipes shall be pitched at least one-half ($\frac{1}{2}$) inch in ten (10) feet.

Rule 33. Test Pipe. In all wet-pipe automatic sprinkler systems a test pipe of not less than $\frac{3}{4}$ inch in diameter shall be connected directly with each system but shall be connected to a pipe of not less than $1\frac{1}{4}$ inches in diameter in upper story and arranged to discharge through a $\frac{1}{2}$ -inch brass outlet, preferably to a point where it can readily be seen. With long runs or many angles, size of test pipe should be increased to one (1) inch or larger. Controlling valve should be located at a sufficient distance from where the test pipe passes through the wall of the building so as to reduce to a minimum the chance of freezing of water in test pipe.

In all dry-pipe automatic sprinkler systems a $\frac{3}{4}$ -inch inspector's test pipe shall be installed at the end of the most distant branch line and fitted with $\frac{3}{4}$ -inch shut-off valve stopped with a brass plug.

Rule 34. Pressure Gauges. A four and one-half ($4\frac{1}{2}$) inch double-spring Bourdon pressure gauge shall be provided in all automatic sprinkler systems as follows:

- Above dry-pipe valves;
- Below dry-pipe valves;
- At the pressure tank;
- At the air compressor;
- Above the alarm valve;
- Below the alarm valve; and

In the connections from city water supply.

Provision may be made for taking the pressure both above and below the alarm valve and the dry-pipe valve with only one gauge at each valve.

A gauge shall not be required at an alarm valve located at the top of a riser in a down-fed system.

Gauge connections shall be taken from the supply main or riser and not from the two-inch drain or test pipe.

Gauges shall be installed in a suitable place protected from freezing and be controlled by a valve with arrangements for draining. A plugged outlet, not less than one-quarter ($\frac{1}{4}$) inch in size, shall be located between each valve and gauge for purpose of installing the inspector's gauge.

Rule 35. Valves. All valves two (2) inches in diameter and under shall be of brass or bronze, or other approved non-corrodible material. Valves over two (2) inches in diameter shall be of brass, or bronze or iron body, brass mounted, or of other approved non-corrodible material.

All sidewalk siamese inlet valves, caps and chains shall be of galvanized cast iron or other approved non-corrodible material.

All gate valves shall be solid or double wedge disc, stuffing box pattern with hand wheel, outside screw and yoke, or other approved indicator pattern.

All check valves shall be approved straightway regrinding pattern, so built that the clappers may be readily removed for repairs.

Rule 36. Water Supply Gate Valves. The piping connecting each source of water supply with the sprinkler system shall be provided with a gate valve of the outside screw and yoke type, sealed open and tagged to designate its purpose, so located as to control each source of water supply except that from fire department hose connections. All such gate valves shall be located within the building where easily visible and readily accessible and as close as possible to the supply inlet.

Rule 37. Water Supply Check Valves. The piping connecting each source of water supply with the sprinkler system, including fire department connections, shall be provided with a check valve.

On two-source systems, check valves shall have a gate valve on each side to permit repair of check without shutting off both supplies, except that where the two sources of supply consist of tanks located above the highest line of sprinklers, a gate valve need only be provided on the downstream side of each check valve.

Rule 38. Control Valves. All automatic sprinkler systems shall be provided with a main control or shut-off valve arranged to be readily accessible as near the stairways or fire tower as possible and sealed in the open position; except that when the sprinkler system is fed from water supplies on the roof of the building, independent and readily accessible floor control valves, sealed in the open position, may be installed.

When not more than ten (10) standard one-half ($\frac{1}{2}$) inch sprinkler heads or three (3) Conran* heads in any automatic wet pipe system are exposed to cold and subject to freezing, shut-off valves may be provided to discontinue the water supply to such heads between November 1 and April 1. A greater number of heads than specified above, located in places which cannot be properly heated, shall be controlled by an automatic dry-pipe valve.

Rule 39. Dry-Pipe Valves. A dry-pipe valve shall be taken to mean a valve automatically controlling the water supply of the sprinkler system in such a manner that under normal conditions its piping system beyond the valve is maintained dry, but in the event of fire, the valve automatically releases the water into the sprinkler system, for fire extinguishing purposes.

Dry-pipe valves shall, for the purpose of these rules, be classified as follows:

Type A, in which the valve is actuated by the release of compressed air in the sprinkler piping system, due to the opening of a sprinkler head; and

Type B, in which the valve is actuated by an approved trip under electric control of an approved automatic thermostatic fire alarm system.

Dry-pipe valves shall be located as near as practicable to the sprinkler system in an enclosed and accessible place protected from mechanical injury and freezing.

Automatic wet-pipe sprinkler systems in which only twenty-five per cent. (25%) of the heads are required to be maintained dry for protection from freezing, shall have only such heads under dry-pipe valve control.

(a) When "Type A" valve is installed, the air pressure in sprinkler systems under such dry-pipe valve control shall not exceed forty (40) pounds per square inch, nor be permitted to fall below twenty-five (25) pounds per square inch, nor shall it be less than one-sixth ($\frac{1}{6}$) of the water pressure in any case.

The air compressor shall have a capacity of not less than eleven (11) cubic feet per minute and the air supply for the pump shall be taken, if possible, from a room containing dry air, or it shall be passed through a drying chamber containing calcium chloride, in order to avoid the introduction of moisture into the system.

The air pressure on such dry-pipe systems shall be maintained throughout the year.

Not more than the following number of heads shall be controlled by one "Type A" dry-pipe valve:

(b) For standard one-half ($\frac{1}{2}$) inch heads.....	400
(c) For Conran* one (1) inch heads.....	100
(d) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads	64

Where equipped with an approved quick-opening device the following number of heads may be controlled by one "Type A" dry-pipe valve:

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(e) For standard one-half ($\frac{1}{2}$) inch heads.....	600
(f) For Conran* one (1) inch heads.....	150
(g) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads	96
(h) When "Type B" valve is installed the actuating alarm system shall be designed to operate at a temperature lower than that required to open the sprinkler heads, and all connections between the alarm system and the dry-pipe valve shall be adequately protected against injury of any kind.	
When required by the administrative official having jurisdiction, the dead end of every feed main in such dry-pipe system shall be provided with an air relief valve or vent, so constructed as to be normally open in order to permit the free escape of air from the system, but to close automatically against the escape of water.	
Not more than the following number of heads shall be controlled by one "Type B" dry-pipe valve:	
(i) For standard one-half ($\frac{1}{2}$) inch heads	600
(j) For Conran* one (1) inch heads.....	150
(k) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads	96

Rule 40. Alarm Valve. All automatic wet pipe sprinkler systems shall be equipped with an alarm valve so constructed that a flow of water through a one-half ($\frac{1}{2}$) inch orifice will operate an electric or mechanical gong.

Dry pipe valves shall be equipped with a reliable device to give either an electrical or mechanical alarm.

When an electrically operated alarm is installed in connection with an alarm valve or dry pipe valve, the installation shall be made in conformity with the provision of Rule 41.

Rule 41. High and Low Water. Electric Alarm on Gravity and Pressure Tanks. All gravity tanks shall be equipped with a device to indicate when the water falls below or rises above the normal level in the tank, with an indicator and alarm located in the engineers' room near the pump.

All gravity and pressure tanks shall be equipped with a high and low alarm as hereinafter specified. The high and low gravity and the high and low pressure electric alarm shall be so constructed and arranged that when the water falls below or rises above the normal level in the gravity tank, and when the pressure falls below or rises above the predetermined level in the pressure tank, an audible and visible signal will be given in either the pump room or engineer's room.

The audible signalling device for high and low water and high and low pressure electric alarm shall consist of a vibrating gong of at least 3 inches in diameter of the enclosed type and arranged for conduit installation, the same to be operated automatically from an approved device indicating the level of water in the gravity tank and from the pressure gauge of pressure tank.

The audible signalling device for the alarm and dry pipe valves shall consist of an enclosed type 6-inch vibrating gong arranged for conduit installation. A closed circuit annunciator shall be provided in connection with the alarm system. The high and low tell-tale electric connections shall be so constructed that it will not be affected by moisture and the parts shall be heavy and rugged. The float shall be of approved type.

All wiring shall be installed in iron or steel conduits and the installation shall be in accordance with the provisions of Chapter 9 of the Code of Ordinances. Only approved closed circuit systems shall be installed. Control panels to operate the signalling equipment must be approved by the Board of Standards and Appeals. The control cabinet shall be located in the engineer's or pump room where it will be under the supervision of the person in charge of the sprinkler system.

The following sources of energy may be employed and are given in their order of preference:

1. Public utility electric light and power systems.
2. Electric light or power system (public utility or isolated plant) supplemented by storage battery either controlled by an automatic throw-over device or floating on the line and protected by a reverse current circuit breaker.
3. Storage batteries in duplicate.
4. Primary batteries of the closed circuit type.

When the system is connected to the 110 volt lighting service a suitable cut-out is to be provided and it shall be enclosed in a locked or sealed metal cabinet. The connection to the system shall be the first connection on the house side of and as near as practicable to the meter. When batteries are used to operate the system they shall be placed in an approved cabinet provided with a lock and key.

Rule 42. Heating of Tanks. The water in all sprinkler tanks subject to freezing shall be protected by internally heating the water or enclosing the tank in a frostproof house properly heated and lighted.

Rule 43. Concealed Pipe Systems. All pipe in concealed pipe systems shall be of standard full-weight wrought iron or steel, painted with two coats of protective paint, one before and one after installation. Such pipe as shall be installed in ducts or be encased in cement mortar shall be inspected prior to concealment. When installed in the concealed space between floor arches and ceiling, such pipe shall be supported by hangers and all pipe, fittings and hangers be protected with two coats of paint.

Rule 44. Preparation of Building. Floor or wall openings and other structural defects which prevent the banking up of heated air and retard the automatic action of sprinkler heads shall be provided with the necessary curtain boards and draft stops to permit specific control of the fire by the local sprinklers.

Curtain boards shall project at least three (3) inches below the lowest sprinkler.

Rule 45. Approval of Sprinkler System. Before acceptance all automatic sprinkler systems, excluding the water supply tanks, shall be subjected after installation to a hydrostatic pressure test of at least one (1) hour's duration at not less than fifty (50) pounds per square inch in excess of that which will be normally carried and observed in the sprinkler system, such test pressure, however, to be not less than one hundred and fifty (150) pounds per square inch in any part of the system.

All pressure tanks shall be tested after erection to a test pressure of one and one-half ($1\frac{1}{2}$) times the working pressure. To prevent the possibility of serious water damage in case of a break, the pressure shall be maintained by a small pump, the main controlling gate being meanwhile kept shut. Brine or other corrosive chemicals shall not be used for testing systems.

In automatic dry-pipe systems with "Type A" valve control, an air pressure of forty (40) pounds per square inch shall be pumped up, be held for twenty-four (24) hours, and all leaks stopped which allow a loss of pressure of over two (2) pounds per square inch for the twenty-four (24) hours.

In the case of automatic dry-pipe systems with differential "Type A" valve, the valve shall be held off its seat during the test to prevent injuring the valve.

Non-automatic systems shall be tested after installation at not less than fifty (50) pounds per square inch in excess of the pressure necessary to reach the highest line of sprinklers.

All tests of installed systems shall be made by the contractor in the presence of the Fire Commissioner, or his authorized representative.

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No piping, devices nor any portion of a newly constructed sprinkler system shall be covered up or permanently concealed until tested by the Bureau of Fire Prevention and approved of in writing, except piping passing through floors, walls, partitions or beams for distances equal to the thickness of such floors, walls, partitions or beams.

Rule 46. Non-fireproof Business Buildings. Automatic sprinklers required in non-fireproof business buildings under the provisions of Chapter 5, Article 4, Section 72, Subdivision L, Code of Ordinances, shall consist of at least a One Automatic Source System, except buildings used as freight depots, car barns, stables, garages, factories and grain elevators which sprinkler systems shall be supplied by any two of the automatic sources or one of the automatic sources and a fire pump as described in rules 9 and 10.

Rule 47. Department Stores. Wet sprinkler systems shall be required in all department stores and where the floor area on any story or cellar exceeds 20,000 square feet, the system shall be supplied by two of the automatic sources as provided for in Rule 14.

Rule 48. Factories and Other Buildings. Where the Labor Law or the Code of Ordinances require automatic sprinkler systems, or where any of the requirements of the Labor Law or Code of Ordinances are waived because of the installation of an automatic sprinkler system, such sprinkler systems, unless specifically otherwise required by the Fire Commissioner, Code of Ordinances, Labor Law, or these rules, shall have at least the following sources of supply installed in accordance with these rules:

1. A Gravity tank and siamese, or
2. A Pressure tank and siamese, or
3. A direct 6 inch connection to the City water supply fed two ways, capable of furnishing water at not less than 15 pounds per square inch static—pressure at the highest line of sprinklers below the main roof, and the required siamese.

Rule 49. Theatre Buildings. Automatic sprinklers required in theatre buildings under the provisions of Chapter 5, Article 25, Section 524, Code of Ordinances, shall consist of at least a One Source Automatic System.

Rule 50. Firework Storage. Automatic sprinklers required in buildings in which fireworks are stored or sold under the provisions of Chapter 10, Article 6, Section 92, Code of Ordinances, shall consist of either of the two automatic sources as provided in Rule 14.

Rule 51. Nitro-Cellulose Products. Automatic sprinklers as required in buildings in which nitro-cellulose products are stored under the provisions of Chapter 10, Article 19, Section 232, Code of Ordinances, shall consist of a system supplied from both approved gravity tank supply and an approved pressure tank supply, except that no change shall be required in supplies to automatic sprinkler equipments previously approved by the Fire Commissioner as two source systems, in conformity with the provisions of this rule as in force up to December 1, 1921.

In buildings wherein are stored or handled only limited quantities of nitro-cellulose products, not exceeding 500 pounds, the automatic sprinklers may consist of either of the two automatic sources as provided for in Rule 14.

Rule 52. Inflammable Motion-Picture Films. Automatic sprinklers, required in buildings in which inflammable motion-picture films are stored under the provisions of Chapter 10, Article 20, Section 241, Code of Ordinances, shall consist of a system supplied from both an approved gravity tank supply and an approved pressure tank supply except that no change shall be required in supplies to automatic sprinkler equipments previously approved by the Fire Commissioner as two source systems in conformity with the provisions of this rule as in force up to December 1, 1921.

Rule 53. Sprinkler Protection for Special Hazards in Non-Sprinklered Buildings Not Provided for by Laws or Ordinances or in These Rules.

Sprinkler heads and piping may be provided on ceilings of enclosed rooms, closets, shafts, or other spaces which are used as carpenter shops, upholstering rooms, paint shops, waste paper rooms, old record storerooms, trunk and general storage rooms in hotels, offices or other buildings, and in stores and showrooms or where nitro-cellulose products or inflammable photographic or X-ray film is stored or used, or in ice boxes of cold storage plants.

The number and type of sprinkler heads, spacing and size of pipe, location and number of valves, method of draining lines, water flow or other alarms, shall be as required by the Fire Commissioner to properly protect the special hazard.

The source of water supply where required may be taken from the house supply tank or other sources of water supply, except that no connection shall be taken from the standpipe system or from the feed line to boilers. In all cases there shall be sufficient water to provide 20 gallons of water per head for 30 minutes and, further, that the pressure on any sprinkler line shall, where practicable, be not less than 15 pounds static pressure.

Rule 54. Existing Installations and Approvals. Automatic sprinkler systems and devices heretofore installed shall not be required to conform to these rules where the fire hazard due to construction and occupancy of the building is not increased or where substantial additions or extensions in height or area is made to the building when these rules shall apply if deemed advisable or necessary by the Fire Commissioner.

Rule 55. Communicating Openings. When a building fully equipped with sprinklers communicates with another not so equipped the openings must be protected by approved fire doors on both sides of the wall, one of which must be automatic.

Rule 56. Maintenance Inspection. Automatic sprinkler systems shall be inspected at least once a month by the person in charge of the building, or by other competent person employed by the owner, to see that all parts of the system are in perfect working order, and the fire department connection or connections, if any, ready for immediate use by the Fire Department. A detailed record of each inspection shall be kept for examination by a representative of the Fire Department.

There shall be kept available at all times in the premises a supply of extra sprinklers, never less than six (6), to replace promptly any fused or damaged sprinklers. And there shall be one or more employees instructed in the maintenance of sprinkler system.

Saving Clause. All rules and regulations previously adopted and conflicting with these rules are hereby rescinded.

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Auto Heat Oil Burner.....	284-33-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Morse Fuel Oil Burner.....	820-23-SA
Ballard Automatic Oil Burner.....	1363-23-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Jr. Oil Burner.....	1176-27-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Nichols-McCann-Harrison Burners	255-31-SA
Berggren Oil Burner.....	764-26-SA	North American Low Pressure Oil Burner....	792-26-SA
Best Calorex Burner.....	1464-21-SA	Oilbilt Burner	85-33-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Oronoque Oil Burner.....	394-30-SA
Bock Oil Burning Water Heater.....	102-34-SA	Packard Fuel Oil Burner.....	77-34-SA
Brighton Oil Burner.....	372-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Burnwell Mechanical Burner.....	957-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Petro Model W Oil Burner.....	452-31-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Coen Mechanical Oil Burner	942-21-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Presto Automatic Oil Burner.....	294-34-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
D'Elia Oil Burner.....	155-31-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
DeWalt Oil Burner.....	541-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
Doe Oil Burner.....	317-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rockwell Fuel Oil Burner	341-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. K. Oil Burner, Model F.....	369-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Gem Fuel Oil Burner.....	111-26-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Standardvne Oil Burner.....	34-34-SA
Ghapco Steam Generator.....	348-31-SA	Steam Oil Burner.....	183-22-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun Heat Oil Burner.....	603-29-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Grant Oil Burner, Model "C".....	232-32-SA	Sunway Oil Burner.....	624-30-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Surface Combustion Low Pressure Burner....	92-23-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Rotary Oil Burner.....	297-29-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Havward Oil Burner.....	696-30-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Burner (pump type).....	94-32-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Vapofier Oil Burner.....	184-34-SA
Korth Oil Burner, Model G.	136-34-SA	Vapomatic Oil Burner	275-34-SA
Kreager Oil Burner.....	367-30-SA	Vaporoil Burner	44-32-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Wheco Oil Burner.....	108-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Liberty Automatic Heater.....	129-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
Leintz Oil Burner.....	155-20-SA		
Lonergan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
May Oil Burner.....	68-24-SA		
Midget Oil Burner.....	155-34-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
443-26-SA—American Anti-Syphon Valve.
380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
209-32-SA—Croker 4-inch Siamese.
237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
528-32-SA—Weldon Extinguisher.
592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
23-33-SA—Sunrex Range Oil Burner.
98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
126-33-SA—Tower Range Oil Burner.
162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
164-33-SA—Firemaster Fire Extinguisher.
218-33-SA—Presto Gas Pressing Machine Burner No. 10.
349-33-SA—Herco Oil Burner.
32-34-SA—Super Oil Burner for Pressing Machine.
88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.
92-34-SA—Autocall Interior Fire Alarm Signal Systems.
125-34-SA—American Oil Burner.

- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).
156-34-SA—Allen's Siamese Connections for Fire Department use.
165-34-SA—Rose Oil Heater.
203-34-SA—King Oil Burner.
205-34-SA—Automatic Firetox Extinguisher.
208-34-SA—Globe Oil Burner Pump.
221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).
224-34-SA—Progressive Press Machine Oil Burner.
234-34-SA—Bland Range Oil Burner.
256-34-SA—"Standard" One-Piece Closet Combination.
274-34-SA—B. & H. Radiant Stove Oil Burner.
291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.
300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
301-34-SM—"Radbur" Flameproofing Compound.
302-34-SA—Loyalty Range Burner.
321-34-SA—Shawmut "Junior" Range Burner.
322-34-SA—Shawmut "DeLuxe" Range Burner.
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345-34-SA—Micron Oil Burner.
351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.
355-34-SA—Kres-Kno Range Oil Burner, Model MD.
356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
3-35-SA—Yorktown Oil Burner, Model A.
7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
13-35-SA—Nairoil Oil Burner, Type R, Model E.
17-35-SA—Toridheet Oil Burner, Model G.
29-35-SA—Aetna Range Oil Burner.
36-35-SA—Kennedy Special Double Seal Joint Fitting (Plumbing Device).
39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
40-35-SA—Ellington Range Oil Water Heater, Models M and J.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE
May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE
May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
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WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order. therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year MARCH 12, 1935 Single Copies, 5 cents By mail, 8 cents No. 11

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
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All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, March 11, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, March 18, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed up to March 6, 1935.

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56-35-BZ.....	D.B.B....	13-21 Truxton st. (Block 1542, Lot 44), Brooklyn,	Applic. 1438-35.
55-35-BZ.....	D.B.B....	5255-5265 Kings Highway and 5302 Preston court, S.E. cor. (Block 7949, Lot 10), Brooklyn,	Applic. 1490-35.
54-35-SA.....	F.D.....	Putnam Range Oil Burner,	Appliance.
53-35-A.....	F.D.....	30 Rockefeller plaza (Block 1265, Lot 2), Manhattan,	4533-L.C.
52-35-A.....	D.B.B....	1657-1663 Flatbush ave. (Block 7578, part of Lot 38) and (Block 7579, Lots 10 and 24), Brooklyn,	Applic. 1648-35.

Restored to Calendar.

118-31-BZ.....	D.B.B....	2576 86th st. and 2050-2062 Stillwell ave., S.W. cor. (Block 6869, Lot 41), Brooklyn.	Applic. 1718-31.
540-27-BZ.....	D.B.B....	725-727 Bedford ave., S.E. cor. Flushing ave. (Block 1715, Lot 31), Brooklyn,	Applic. 7762-27.
101-32-BZ.....	D.B.Bx...	Bailey ave., W.S., 182 ft. south of West 230th st. (Block 3264, Lot 70), The Bronx,	N.B. 33-32.
42-34-BZ.....	D.B.B....	389-395 Empire blvd., N.E. cor. of Clove rd. (Block 1309, Lot 130), Brooklyn,	Applic. 570-34.

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H.D.....	Health Department
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D.B.M.....	Department of Buildings, Manhattan
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COURT DECISION.

Peo. ex rel. Nudell v. Murdock.—April 11, 1933, Board denied gasoline station in residence district, under section 21, Cal. No. 603-32-BZ; Premises N. W. corner of Liberty Ave. and 159th St., Jamaica, Queens. Mr. Justice Lockwood sustained Board. (N. Y., L. J., March 5, 1935.)

CALL OF CLERK'S CALENDAR

MONDAY, MARCH 11, 1935, AT 2 P. M.

Building Zone Cases.

340-34-BZ.
APPLICANT—Richard Morrison, for New York Central Railroad Company, owner.
PREMISES—West side of Newell street, 72 feet 5 inches south of Gun Hill road (Block No. 3358, part of Lot No. 1), The Bronx.
APPLICATION, under section 21 of the building zone resolution.
TO PERMIT in a business district the use of a plot of ground as a parking space for more than five (5) motor vehicles.

342-34-BZ.
APPLICANT—Albert M. Lee, for Seventy-Fourth Street Manhattan Corporation, owner.
PREMISES—231-233 West 74th street (Block No. 1166, Lot Nos. 13 and 14), Manhattan.
APPLICATION, under section 21 of the building zone resolution.
TO PERMIT in a residence district the alteration and conversion of two (2) existing dwellings into a building to be occupied for business purposes (stores on first story).

MARCH 12, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, March 12, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 299-34-BZ—Application, October 23, 1934, under section 21 of the building zone resolution, of Michael Glick, applicant, on behalf of Nathan Bensky, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Sedgwick avenue, 795 feet south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

CALENDAR

CAL. NO. 317-34-BZ—Application, November 15, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Jean Levy and Benjamin Levin, owners, to permit partly in a residence use and partly in a business use and also "F" area district, the erection and maintenance of a gasoline service station; premises southeast corner of Grand Central Parkway and Parsons boulevard (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens.

CAL. NO. 359-34-BZ—Application, December 20, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Dora Ginsberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Kissena boulevard and Cherry avenue (Block No. 5192, Lot No. 34), Flushing, Borough of Queens.

CAL. NO. 305-32-BZ—Application of Arthur H. Haaren, on behalf of Kesbec, Inc., present owner, reopened July 10, 1934, under section 21 of the building zone resolution, to permit in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the Board); premises north side of Roosevelt avenue, 85 feet east of 69th street; northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

MARCH 12, 1935, 2 P. M.

Appeals from Administrative Orders.

- 216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.
- 19-35-A—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.
- 22-35-A—West side of Beach 35th street, 20 feet north of Boardwalk (Block No. 10, Lot No. 1), Far Rockaway, Borough of Queens.
- 32-35-A—404 Sixth avenue (Block No. 572, Lot No. 2), Manhattan.
- 38-35-A—225-227 West 36th street (Block No. 786, Lot No. 29), Manhattan.
- 41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.
- 42-35-A—50-18 Vernon boulevard, northwest corner of 51st avenue (Block No. 33, Lot No. 1), Long Island City, Borough of Queens.

Appliance Submitted for Approval.

- 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, March 12, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 316-34-BZ—Application, November 14, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Annie Carraher, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

CAL. NO. 619-31-BZ—Application of James Kearney, on behalf of Estate of Israel Miller, owner, reopened May 8, 1934, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the Board for a temporary period; premises 148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

CAL. NO. 334-34-BZ—Application, November 27, 1934, under section 21 of the building zone resolution, of John F. Meehan, applicant, on behalf of Fred Starke, owner, to permit partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station; premises northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

CAL. NO. 722-23-BZ—Application of James Kearney, on behalf of Julia Hirsch, owner, reopened October 2, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the Board) so as to include a gasoline service station; premises 2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, MARCH 18, 1935, AT 2 P. M.

Building Zone Cases.

327-34-BZ.

APPLICANT—Martin J. Ort, for Arthur Mulvaney, owner.
PREMISES—615 Baltic street, northeast corner of 4th avenue (Block No. 937, Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop.

20-35-BZ.

APPLICANT—Scacchetti & Siegel, for Edward G. Falter, owner.

PREMISES—711-719 Gun Hill road, north side, 100 ft. east of White Plains road (Block No. 4657, Lot No. 8), The Bronx.

CALENDAR

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

894-28-BZ.

APPLICANT—Samuels and Samuels, for Gustaf Larson, owner.

PREMISES—2702-2712 Foster avenue and 1285-1289 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened January 22, 1935),

TO PERMIT upon a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

MARCH 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 19, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

CAL. NO. 328-34-BZ—Application, November 20, 1934, under section 21 of the building zone resolution, of Henry Nordheim, applicant, on behalf of Max Mirowitz, owner, to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1449 Vyse avenue, west side, 100 feet south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

CAL. NO. 362-34-BZ—Application, December 26, 1934, under section 21 of the building zone resolution, of Abraham N. Horwitz, applicant, on behalf of 1230 Jerome Avenue Corporation, owner, to permit in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1227-1229 River avenue and 1230 Jerome avenue, east side, 165 feet

6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

MARCH 19, 1935, 2 P. M.

Appeals from Administrative Orders.

312-34-A—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.

307-34-A—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, March 19, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 113-34-BZ—Application, April 25, 1934, under section 21 of the building zone resolution, of Sidney Lipston, applicant, on behalf of Morris Gorelik, owner, to permit in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles; premises 1009 Myrtle avenue (Block No. 1749, Lot No. 48), Brooklyn.

CAL. NO. 287-34-BZ—Application, October 1, 1934, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, substituted for Howard Kelly, on behalf of Mutual Life Insurance Company, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

CAL. NO. 273-34-BZ—Application, August 23, 1934, under section 21 of the building zone resolution, of Nathan D. Shapiro & Bros. applicants, on behalf of Mansfield Service Station, Inc., owner, to permit in a residence district the extension of an existing gasoline service station and, also, the erection and maintenance of an office, auto laundry and greasing pits; premises 1314-1332 Ocean avenue, west side, 100 feet south of Avenue H (Block No. 6703, Lot No. 55), Brooklyn.

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone resolution, of Mario J. Cafiero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALENDAR

CALL OF CLERK'S CALENDAR

MONDAY, MARCH 25, 1935, AT 2 P. M.

Building Zone Cases.

353-34-BZ.

APPLICANT—Benjamin Millstein, for Edmund Burke, owner.

PREMISES—5913-5923 Church avenue and 876-886 Ralph avenue, northwest corner (Block No. 4685, Lot Nos. 29 and 30), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

1-35-BZ.

APPLICANT—Abraham S. Bursky, for Manuel Gonzales Benitez and Amalia Gonzales Benitez, owners.

PREMISES—111 West 111th street (Block No. 1821, Lot No. 21½), Manhattan.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use (undertaker's establishment).

46-35-BZ.

APPLICANT—Sugarman & Berger, for Concourse Development, Inc., owner.

PREMISES—1000 Grand boulevard and Concourse, northeast corner of East 164th street (Block No. 2461, Lot No. 90), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also 1¼ times height district the erection of part of the street wall of a proposed multiple dwelling to a height exceeding the limit set by the building zone resolution.

MARCH 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 4-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Approved Bond and Mortgage Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1), Woodhaven, Borough of Queens.

CAL. NO. 5-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Eleto Realty Corporation, owner, to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4297-4301 Broadway (Block No. 2180, Lot No. 108), Manhattan.

CAL. NO. 24-35-BZ—Application, January 24, 1935, under sections 7b and 21 of the building zone resolution, of Julius Eckmann, applicant, on behalf of Henry S. Harper, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (store); premises 56 West 8th street (Block No. 553, Lot No. 14), Manhattan.

CAL. NO. 296-32-BZ—Application of Levy and Berger, on behalf of Kings Bay Realty Corporation, owner, reopened January 15, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MARCH 26, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, March 26, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 540-27-BZ—Application of Bernard Austin, on behalf of Anhil Realty Corporation, present owner, reopened March 5, 1935, by order of the court, under section 21 of the building zone resolution, for an amendment to the resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board; premises 725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

CAL. NO. 101-32-BZ—Application of Thema Rosen, owner, reopened March 5, 1935, for consideration as to extension of time to complete work—time having elapsed—re application granted on certain conditions under section 21 of the building zone resolution, permitting partly in a business district and partly in an unrestricted district, the maintenance of an open air parking space for more than five (5) cars and the installation of two (2) gasoline tanks and pumps as accessory to the parking space and individual garages, these garages having been previously granted by the board; premises west side of Bailey avenue, 182 feet south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 2, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions

CALENDAR

of the building zone resolution, *Tuesday morning*, April 2, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

CAL. NO. 337-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Solomon Gelfand, applicant, on behalf of Annie Livshitz, owner, to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops; premises 1-7 Blake avenue and 123-133 East 98th

street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Brooklyn.

CAL. NO. 15-35-BZ—Application, January 14, 1935, under section 21 of the building zone resolution, of Edgar J. Moeller, applicant, on behalf of Claude H. Birdsall, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2093-2099 Flatbush avenue and 4401-4413 Avenue N, northeast corner (Block No. 7869, part of Lot No. 2), Brooklyn.

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corporation, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, MARCH 5, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney, with Deputy Chief Ross substituting.

The minutes of the regular meeting of the board held on Tuesday morning, February 26, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, February 26, 1935, were approved as printed in Bulletin No. 10, Vol. XX.

BUILDING ZONE CASES

113-34-BZ.

APPLICANT—Sidney Lipston, for Morris Gorelik, owner.
SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1009 Myrtle avenue (Block No. 1749, Lot No. 48), Brooklyn.

APPEARANCES—

For Applicant: Sidney Lipston, Paul Ruder.

For Opposition: None.

For Administration: Assistant Engineer Benjamin Saltzman, department of buildings.

ACTION OF BOARD—Laid over to March 19, 1935, at 2 p. m., for report of committee on inspection. No further argument.

237-34-BZ.

APPLICANT—Samuel Rosenblum, substituted for Howard Kelly, for Mutual Life Insurance Co., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business and partly in a residence district, the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

APPEARANCES—

For Applicant: Samuel Rosenblum.

For Opposition: Edmund G. Bill, Morris B. Matzkin, Earl C. Gallant, Louis L. Altman.

ACTION OF BOARD—Laid over to March 19, 1935, at 2 p. m., for report of committee on inspection. No further argument.

273-34-BZ.

APPLICANT—Nathan D. Shapiro and Brothers, for Mansfield Service Station, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the extension of an existing gasoline service station and also the erection and maintenance of an office, auto laundry and greasing pits.

PREMISES AFFECTED—1314-1332 Ocean avenue, west side, 100 ft. south of Avenue "H" (Block No. 6703 Lot No. 55), Brooklyn.

APPEARANCES—

For Applicant: Irwin D. Shapiro, Nathan D. Shapiro.

For Opposition: Miss Rose Weitzman, Tom Roberts.

For Administration: Assistant Engineer Benjamin Saltzman, department of buildings, Inspector Edward Meyer, fire department and W. H. Shotwell, representing Borough President of Brooklyn.

ACTION OF BOARD—Laid over to March 19, 1935, at 2 p. m., for further consideration by board, without further argument except as to layout details.

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289-34-BZ.

APPLICANT—Mario J. Cafiero, for Nathaniel Potter, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit in a residence district the extension in area of an existing garage and automobile repair shop.

PREMISES AFFECTED—308 Monroe street, south side, 150 ft. east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

APPEARANCES—

For Applicant: Frank G. Colgan, Mario J. Cafiero, Nathaniel Potter.

For Administration: Inspector Meyer for fire department, Assistant Engineer Benjamin Saltzman, for department of buildings, Brooklyn.

For Opposition: William T. Ahern, Francis V. La Ruffa, Mary T. Ahern, Rebecca O. Bender, John C. Obartenpfer, Jr.

ACTION OF BOARD—Laid over to March 19, 1935, at 2 p. m., for report of committee on inspection. No further argument.

Adjourned, 1:00 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, MARCH 5, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.

BUILDING ZONE CASES.

722-23-BZ.

APPLICANT—James Kearney, for Julia Hirsch, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the board) so as to include a gasoline service station (reopened October 2, 1934.)

PREMISES AFFECTED—2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

APPEARANCES—

For Applicant: James Kearney.

For Opposition: None.

ACTION OF BOARD—Laid over to March 12, 1935, at 2 p. m., pending report of committee of inspection.

118-31-BZ.

APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross 4
Negative 0
Absent 0

540-27-BZ.

APPLICANT—Bernard Austin, for Anhil Realty Corporation, present owner.

SUBJECT—Application for reopening—amendment on order of the court—re Application (decision of the superintendent of buildings) under section 21 of the

building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

APPEARANCES—

For Applicant: Salvatore Bosco.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing March 26, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

101-32-BZ.

APPLICANT—Thema Rosen, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting partly in a business and partly in an unrestricted district, the maintenance of an open air parking space for more than five (5) cars and the installation of two (2) gasoline tanks and pumps as accessory to the parking space and individual garages, these garages having been previously granted by the board.

PREMISES AFFECTED—West side of Bailey avenue, 182 ft. south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

APPEARANCES—

For Applicant: Philip Rosen.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing March 26, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

42-34-BZ.

APPLICANT—Philip Finkelstein for Endee Management Corp., owner.

SUBJECT—Application for reopening and restoration to Calendar on order of the court—re application (decision of commissioner of buildings), under section 21 to permit in a business district the erection and maintenance of a gasoline service station (previously denied).

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PREMISES AFFECTED—389-395 Empire boulevard, northeast corner of Clove road (Block 1309, Lot 130), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened and restored to Calendar, Calendar call waived and application set for hearing April 2, 1935, at 10 a. m.

THE VOTE TO REOPEN AND RESTORE TO CALENDAR—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

324-34-BZ.

APPLICANT—Barashay & Sugarman, for Kayson Lumber Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the inclusion of a saw or planing mill in an existing lumber yard.

PREMISES AFFECTED—1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn.

APPEARANCES—

For Applicant: Samuel M. Kassel.

For Opposition: Leonora E. McGasau and G. Faraco.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(324-34-BZ)

WHEREAS, Barashay and Sugarman, for Kayson Lumber Co., Inc., owner, filed November 13, 1934, an application under the building zone resolution to permit in a business district the inclusion of a saw or planing mill in an existing lumber yard; premises: 1787-1791 Coney Island avenue (Block No. 6749, Lot No. 73), Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 5, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Coney Island avenue is in a business district; East 12th street is in a residence district; Avenue O is in a business and residence district and Avenue N is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered October 22, 1934, re App. No. 14525, reads:

"Installation of a saw and shaper in an existing lumber yard is contrary to Art. 2, Sect. 4, subdiv. 31 of the zone resolution,"

and

WHEREAS, the premises consist of a plot of ground having a frontage of 50 feet and a depth of 100 feet; on the south front of the plot there is located a one-story building, 20 feet by 40 feet in area. It is proposed to install in this building a saw, a shaper and a jointer; the saws are 16 inches in diameter, electrically operated by 3 h.p. motors. This building is operated in conjunction with a lumber yard which occupies the remainder of the premises; and

WHEREAS, the premises in question was the subject of an inspection by a committee of the board, whose opinion it was, as reported by the chairman, that the use sought could be maintained in the cellar of premises without attendant harm to any affected property owners; and

WHEREAS, the board deems that the applicant had substantiated the basis of his application and had proved unnecessary hardship and practical difficulties, as defined under section 21 of the building zone resolution, which is the basis of this application.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted, permitting the installation in the cellar of the one-story basement and cellar building marked "shop" on plans filed with this application of not over three (3) wood-working machines, namely, a shaper, a bandsaw and a combination table rip saw and jointer, on condition that these machines shall be independently electrically driven and shall be used only for occasional work as may be required in the operation of the lumber yard and shall not include the general manufacturing of doors, windows or other mill work, on further condition that the shavings and dust in these machines shall be kept cleared at all times and not allowed to accumulate; that these machines shall be operated only during the hours of 8 a. m. to 5 p. m. on week days, excluding Sundays and holidays.

335-34-BZ.

APPLICANT—Lama and Proskauer, for Calogero Pisciotta, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1704-1712 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: George Davis and Abraham Davis.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(335-34-BZ)

WHEREAS, Lama and Proskauer, for Calogero Pisciotta, owner, filed November 28, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 1704-1712 Linden boulevard, southwest corner of Van Sinderen avenue (Block No. 3872, Lot No. 32), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 5, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Linden boulevard is in a business district; Van Sinderen avenue is in a business and unrestricted district; Bank street is in a business and unrestricted district and Junius street is in a business and unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered November 22, 1934, re Application No. 15943-1934, reads:

"Proposed gasoline service station to be located in a business use district is contrary to Art. II, Sect. 4a of zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 80 feet on Van Sinderen avenue and 85 feet on Linden boulevard, upon which it is proposed to erect a

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one-story office, grease pit and auto laundry structure 24 feet by 57 feet in area, and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this site was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21—hardship—and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21, permitting the plot under appeal to be used for a gasoline service station of the dimensions shown, namely, 85 foot frontage on Linden boulevard and a depth of 80 feet along Van Sinderen avenue, *on condition* that the plot shall be leveled substantially to the grade of Linden boulevard; that the accessory building shall be erected along the rear lot line to the south, as indicated, consisting of an office section, greasing section and washing section; that this building shall not exceed one story in height and shall be constructed of incombustible materials except that the window and door frames, window sash and doors, roof beams and roof boarding may be of wood, provided the roof weather surfacing is of non-inflammable material and ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall be no windows in the lot line walls opening upon adjacent property; that on the interior lot lines, where not covered by accessory building, there shall be erected a substantial woven wire fence not less than 6 feet in height to the street lines of Van Sinderen avenue and Linden boulevard; that there shall be erected along the street building line a reinforced concrete curbing cast integral with the cement paving, this curb to be not less than 12 inches in width and not less than 5 inches in height, with rounded top, with not over two openings therein to Van Sinderen avenue and not over two openings to Linden boulevard, no opening to exceed 25 feet in width and no part of any opening nearer than 5 feet to either interior lot line or the corner formed by the intersection of Linden boulevard and Van Sinderen avenue, and that curb cuts shall be approximately opposite these openings and shall not exceed 30 feet in width each; that the entire plot, where not covered by accessory buildings, shall be cement paved; that gasoline pumps erected shall be not nearer than 15 feet to any street building line; that there shall be no open excavation under the accessory building except pits for the greasing racks; that there shall be no open flame permitted; that there shall be no portable gasoline pumps permitted to be used on or from the property; that no automobile repairing shall be carried on; that no parking of cars other than those being serviced shall be permitted; that all advertising shall be limited to the illuminated globes of the pumps and to permanent flat sign against the facade of the accessory building and to one post standard erected toward the Linden boulevard front within the building line for the carrying of illuminated sign advertising only the name of the gasoline sold and excluding all other signs and signs of a temporary nature; that no sign shall be erected on the roof of the accessory building; that plans shall be submitted to the chairman of the board and approved by him in behalf of the board, prior to filing with the commissioner of buildings; that all permits shall be obtained within six (6) months and all work completed within one (1) year from the date of this action.

343-34-BZ.

APPLICANT—Michael Levine, for Neslage Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone

resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Brooklyn.

APPEARANCES—

For Applicant: Michael Levine.

For Opposition: Josephine M. Brennan, William M. Nichol, Charles London, Frances Goldsmith, Jerome N. Wanshel and others.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross..	4
Absent	0

THE RESOLUTION—

(343-34-BZ)

WHEREAS, Michael Levine, for Neslage Realty Corp., owner, filed December 5, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 5, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Atlantic avenue is in a business district; Nevins street is in a business district and Pacific street is in a business, residence and unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered December 5, 1934, re App. 16412-1934, reads:

“Proposed gasoline service station to be located in a business use district is contrary to Art. II, Sec. 4a of zone resolution.”

and

WHEREAS, the premises consist of a plot of ground having a frontage of 75 feet on Atlantic avenue and 20 feet on Nevins street. It is proposed to demolish the frame structure now on the site. Proposes to erect on the plot a one-story office, 14 feet by 15 feet in area, grease lift and the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this site was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 343-34-BZ.

Premises: 83 Nevins street and 472-476 Atlantic avenue, southeast corner (Block No. 185, Lot No. 5), Brooklyn.

This is an application under section 21 of the building zone resolution for a variance to permit a gasoline service station on a plot wholly within a district zoned for business use, in which gasoline selling stations are prohibited under Article II, Section 4, Subdivision 46. The plot is 20 feet by 75 feet, and on it there now exists a three-story old building which the applicant claims is so dilapidated that it cannot be repaired. The claim is that a gasoline station is the only use to which the plot can be profitably put. This claim is supported by opinions of a builder and a realtor.

Those in opposition disagree that this plot cannot be used for a conforming use and state that a gasoline station will depreciate the neighborhood.

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A committee of the board inspected this site and the adjoining area on February 21st, 1935, and found that the building on the plot under appeal was now partially occupied instead of being vacant as claimed.

The entire section is far better in appearance than pictured by the applicant. The non-conforming uses referred to do not affect the usability of this corner. The stores and other buildings appear generally well rented and in good repair. An alteration in process directly across the street indicates that improvements can be undertaken. The committee can find no hardship within the meaning of the zoning resolution to justify granting the variation requested. The committee is of the opinion that a conforming use can be made of this plot, preferably by the erection of a store building.

Furthermore, the committee is of the opinion that this lot is too small to be used for a gasoline station. There are along Atlantic avenue, further to the east, several gasoline stations on narrow lots. The board has not granted any of them, but on court review the board has been reversed. Observation of the operation clearly shows that on such a narrow plot, the sidewalks have to be used to supplement the gas station area, not only for the necessary driveways, but as actual gas station space, and the committee submits that such use is dangerous to life and limb and should be discouraged. No conditions imposed by the board to prevent such unsafe use of the public sidewalks will avail. If the usual street line curbs are prescribed, experience has shown that they are so restricted on such a small plot that they will be removed in short order. Plots for gasoline stations should be of such size as to permit cars to enter well within the plot for gas supply and to insure the continuation of curbing at the building line to define the property lines and protect pedestrians for whom the public sidewalks are maintained.

The committee wishes also to call attention to an objectionable practice of applicants who attempt to extend the hearing by letters commenting on or answering statements made or objections raised at the hearing. In the opinion of the committee, such letters should not be sent in or given consideration, except where specifically requested by the chairman at the hearing. Such a letter was received in this case on February 27th, a week after the hearing.

The committee recommends that this application be denied.

(Signed) HARRIS H. MURDOCK, Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the report of the committee recommends denial of the application and the board deemed that applicant had failed to substantiate his basis of appeal under section 21—hardship—and, therefore, was not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

229-31-BZ.

APPLICANT—Matthew W. DelGaudio, for Enavon Realty Corp. and Navone Bros., Inc., owner.

SUBJECT—Application reopened January 15, 1935, under section 21 of the building zone resolution (re decision of the superintendent of buildings), to permit in a garage, extending from an unrestricted into a business district (erected under a variation granted by the board October 22, 1931), the omission of stores and the extension of the garage area with no exit in the business district.

PREMISES AFFECTED—18-20 Morton street, southeast corner of 7th avenue and 17-19 Leroy street (Block No. 586, Lots 53, 54, 77 and 78), Manhattan.

APPEARANCES—

For Applicant: Matthew W. DelGaudio and G. Bender.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(229-31-BZ)

WHEREAS, this application affecting premises 18-20 Morton street and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Borough of Manhattan, to permit the extension from an unrestricted district into a business district of a proposed garage for the storage of more than five motor vehicles was granted by the board January 19, 1932, on certain conditions, and owner through his architect requests an amendment of these conditions, and the application was reopened by vote of the board January 15, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its meeting March 5, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the applicant requests permission to occupy the entire first story (except space required for stairs and ramps) for garage purposes and to arrange the openings facing Leroy street so that they may be bricked up for a height of at least four (4) feet above first story level, precluding egress from the garage into Leroy street; and

WHEREAS, the applicant contends that "stores facing Leroy street are not rentable except for businesses in connection with the automobile industry, and our attempts to rent the space have resulted in a great deal of trouble for all concerned. For this reason we prefer having the space as part of our garage, with suitable safeguards"; and

WHEREAS, this application was reopened by the board on January 15, 1935, for an amendment of the original resolution adopted by the board on October 22, 1931; and

WHEREAS, a committee of the board inspected this site on February 7, 1935, report of which inspection was read at this hearing, and which report is as follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 229-31-BZ.

Premises: 18-20 Norton street and 17-19 Leroy street (Block No. 586, Lot Nos. 53, 54, 77 and 78), Manhattan.

This application has been reopened to consider an amendment to the resolution approving plans adopted January 19, 1932, which were in accordance with the resolution granting the variance adopted October 22, 1931.

Because of the presence of a school on Leroy street, not only on the same block but within 200 feet of an entrance thereto, the board was technically without power to grant this variance. The minutes of the hearing disclose that this prohibition in section 21 as confirmed in the case of Boyd vs. Walsh was fully considered and that the board deemed that there were extenuating circumstances which justified the grant. On the Leroy street side of the plot under appeal there already existed two buildings—one a two-story auto repair shop and garage, the other a five-story stable capable of accommodating 55 horses, under permit from the Department of Health. Both buildings were apparently so used prior to 1916. The two buildings covered the entire frontage on Leroy street of the plot under

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appeal and were partly in the business area and partly in the unrestricted area. The balance of the plot facing Morton street was entirely in the unrestricted area. The objection from the school was withdrawn upon the agreement that the garage should have no vehicle openings on Leroy street.

The board granted the variation on the above condition, required the building to be fireproof with no lot line windows and for further protection required that the ground floor on Leroy street should be used for stores only and cut off at a point 30 feet back with a fireproof wall so that there would be no connection with the garage and thus ensuring no garage entrance from Leroy street.

The applicant now claims that these stores cannot be rented and that the owner desires to remove the shop fronts and substitute a brick wall with high windows. This very construction was discussed at the original hearing and was discarded in favor of the stores. But it appears that the tenants with or without the owner's and the City's consent not only had used this store space for greasing equipment and automobile repairing and had constructed a wide door to Leroy street, contrary to the approved plans, but has since removed the separating wall and the store fronts and constructed the solid wall with windows which the board is now requested to approve. There are violations pending for these illegal uses, namely, 6604 of 1934 and 4653C of 1934, also a violation for removing the front wall without approval, objection as to which was given on February 13, 1935, on plans filed under alteration application 299/1935 on February 7 by this applicant. The garage permit has also been revoked.

Whether this Leroy street side has store fronts or a solid wall, entrance to the garage by cars is precluded and it would appear that from the standpoint of safety to children this proposed condition is far superior to the former condition of a public garage and a public stable, both of which could have been continued legally. Certainly the new condition is more in line with the spirit and intent of the prohibition in section 21 than the former garage and stable buildings. Since the decision of the Court of Appeals in the Jane David Holding case the board has uniformly decided that where a school exists in the same block or within 200 feet in the line traveled by sidewalk and legal street crossing, that the board is without power to act. In light of this recent court finding the board would consider itself without power to grant a variation for this garage if the appeal were now presented. Here, however, the board is requested to modify a resolution adopted after the Boyd decision but prior to the Jane David Holding decision.

Considering all the circumstances, it is the opinion of the committee which inspected these premises on February 7th that the board can properly modify the resolution to permit the construction desired, inasmuch as the board's previous action was not questioned by court proceedings and inasmuch as this proposed change still precludes the entrance and exit of cars on Leroy street. This wall should and is intended to furnish an effective barrier. To carry out the intent of the resolution that the space of 30 feet back from Leroy street shall not be used for car storage, the committee recommends that there shall be erected a heavy mesh partition from floor to ceiling with a door in this partition not over 3 feet wide and further that the floor in this partition shall remain as at present below the level of the garage floor. Further that the boiler room under the area shall be entirely cut off by fireproof construction from the bal-

ance of the building, access to same to be from the exterior of the building only.

(Signed) HARRIS H. MURDOCK, Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the report recommended the granting of this amendment of the resolution.

Resolved, that the resolution adopted by the board on October 22, 1931, as amended by resolution for approval of plans on January 19, 1932, be and they hereby are amended, only so far as it refers to the clause in reference to the construction of stores on the Leroy street frontage, so that as amended this portion of the resolution will read:

"That on the Leroy street frontage there shall be constructed on the first story, between the exit from the stairway to the side lot line to the west, a brick wall of solid masonry for the full height of the first story and that any windows in this masonry wall shall not exceed three (3), the area of no windows to exceed 110 square feet; that these windows shall consist of fireproof frames and sash and glazed with wire glass; that at a point 30 feet from the Leroy street building line and parallel thereto and from the westerly interior lot line wall to the stair enclosure wall there shall be constructed a partition of heavy mesh wire from floor to ceiling and rigidly supported to provide permanency separating this portion of the first floor nearest Leroy street from the balance of the garage street floor and to preclude storage of automobiles in such 30-foot space; that the door in this wire mesh partition shall not exceed 3 feet in width; that the existing dropped floor in this portion of the garage shall remain as at present below the level of the main garage floor; that other than amended herein, the resolution adopted by the board on October 22, 1931, as amended by resolution approving plans January 19, 1932, shall be complied with in all respects."

968-24-BZ.

APPLICANT—J. Dubin, lessee of premises 1926 Kings Highway, Brooklyn.

SUBJECT—Application for reopening—extension of time—re application (decision of the superintendent of buildings), under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of buildings to be used for store purposes on first story and for dwelling use above.

PREMISES AFFECTED—1922-1926 and 1930-1932 Kings Highway and 2110 Ocean avenue (Block No. 6782, Lot No. 19), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(968-24-BZ)

WHEREAS, this application affecting premises 1930-1932 Kings Highway and 2110 Ocean avenue (Block No. 6782,

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Lot No. 19), Borough of Brooklyn, was granted by the board February 2, 1932, on certain conditions; amended July 26, 1932; time extended September 12, 1933, and owner requests a further extension of time.

Resolved, that the resolution adopted by the board on February 2, 1932, as amended by resolution adopted July 6, 1932, be and they hereby are *amended*, only so far as it has reference to the obtaining of permits and completion of work, so that as amended, this portion of the resolution adopted February 2, 1932, will read:

"Resolved, further, that all permits necessary for prosecution of work shall be obtained within six (6) months and all work completed within one (1) year from the date of this amended action, on condition that if any bake ovens are installed which exhaust into the new proposed stack, such stack shall not be used unless it is continued to the full height as required; and that other than as amended herein, the resolution adopted by the board shall be complied with in all other respects."

509-20-BZ.

APPLICANT—Henry J. Nurick, for Ben Beyer Realty Corp., present owner.

SUBJECT—Application for reopening—amendment—re application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district the alteration and installation of a gasoline service station in an existing garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1201-1219 Coney Island avenue, east side, 240 feet north of Avenue I (Block No. 6695, Lot Nos. 61 and 66), Brooklyn.

APPEARANCES—

For Applicant: Sidney H. Kitzler.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(509-20-BZ)

WHEREAS, this application affecting premises 1201-1219 Coney Island avenue, east side, 240 feet north of Avenue I (Block No. 6695, Lot Nos. 61 and 66), Borough of Brooklyn, was granted by the board December 19, 1933, on certain conditions, time extended May 29, 1934, and applicant requests an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on December 19, 1933, as amended by resolution, approving plans, of February 27, 1934, and to *approve plans* as submitted February 5, 1935, as complying with the provisions of the resolution and permitting the installation of three (3) greasing hoists in place of two (2) greasing pits, and constructing of the new walls of common brick stuccoed instead of face brick, *on condition*, that other than as amended, the resolution adopted by the board on December 19, 1933, shall be complied with in all respects; *on further condition* that approval of amended plans shall be obtained within three months and work shall be completed within nine months from the date of this amended resolution.

262-33-BZ.

APPLICANT—The American Oil Company, for John and May S. Wild, owners.

SUBJECT—Application for reopening—amendment—re application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southwest corner of Merrick boulevard (road) and 125th avenue (Block No. 3208, Lot Nos. 122, 124 and 126), South Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: A. C. Benson.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(262-33-BZ)

WHEREAS, the application affecting premises southwest corner of Merrick boulevard (road) and 125th avenue (Block No. 3208, Lot Nos. 122, 124 and 126), South Jamaica, Borough of Queens, was granted by the board December 12, 1933, on certain conditions, time extended June 12, 1934, and owner requests an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on December 12, 1933, only so far as it refers to signs, so that as amended this portion shall read:

"... that advertising signs shall be limited to globes of gasoline pumps and to permanent flat signs placed against the fronts of accessory buildings or against the interior of lot line walls and to one post standard to be erected within the building line near the intersection of Merrick boulevard (road) and 125th avenue; that this sign may be an illuminated neon sign, advertising only the gasoline on sale and to be erected at right angles to Merrick boulevard (road), and excluding all other signs and signs of a temporary nature; that other than as amended herein the resolution adopted by the board on December 12, 1933, shall be complied with in all respects."

98-30-BZ.

APPLICANT—James S. Smith, for Colonial Beacon Oil Co., Inc., present owner.

SUBJECT—Application for reopening—amendment—re application (decision of the superintendent of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1180-1188 Myrtle avenue and 664-668 Bushwick avenue, southwest corner (Block No. 3194, Lot No. 24), Brooklyn.

APPEARANCES—

For Applicant: Joseph B. Lynch.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

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THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(98-30-BZ)

WHEREAS, this application affecting premises 1180-1188 Myrtle avenue and 664-668 Bushwick avenue, southwest corner (Block No. 3194, Lot No. 24), Borough of Brooklyn, was granted by the board July 18, 1933, on certain conditions; amended January 23, 1934, and time extended October 23, 1934, and owner requested a further amendment.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on January 23, 1934, so that as amended it shall read as follows:

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21, permitting the southerly portion of Lot No. 24 in Block No. 3194 to be used as a gasoline selling station in accordance with revised plans marked 'Received March 1st, 1935,' such southerly portion of this plot to be so occupied as to have a width of 50 feet, as shown on plans, *on condition* that the balance of Lot No. 24 shall be used for conforming uses only; that the proposed building on the southerly portion of Lot 24, as shown on plans, shall be not over one story in height and shall be constructed throughout of fireproof materials, except that the main roof may be constructed of steel trusses planked with two-inch gypsum planks and surfaced with non-inflammable weather surfacing, and that the roof of the boiler room addition may be of wood beams and wood boarding, provided the roof weather surfacing is of non-inflammable materials and provided the ceiling is fire-retarded in accordance with the rules of the Board of Standards and Appeals, and except that the wide overhead doors separating the turntable section from the greasing pit section may be of wood, provided such doors are protected on both sides with asbestos board not less than ¼ inch in thickness; that such auxiliary fire-fighting appliances shall be maintained as the commissioner shall direct; that there shall be no windows opening from this building to any interior lot line; that no roof skylight shall be located nearer than 12 feet from either side lot line nor nearer than 7 feet to the rear lot line except the small skylights shown on the rear extension occupied as boiler room and toilet rooms; that the boiler room shall be entirely separated from the rest of the building with fireproof walls and self-closing fireproof doors; that the front of building shall set back at least 20 feet from the present street line of Bushwick avenue, and that there shall be no structure erected on this space of 20 feet from Bushwick avenue, and that this area shall be cement-paved; that there shall be erected along the street building line a reinforced cement curb for a distance of at least 5 feet from either side building line, permitting an opening of not over 40 feet; that opposite such opening there shall be a curb cut not over 30 feet in width; that there shall be erected on interior lot lines not occupied by the building a brick wall not less than 7 feet in height, except that such wall may be 4 feet in height at the building line and shall be graduated at the rate of one foot in four to the 7-foot height; that no portable gas tanks shall be used on or from the property; that there shall be no automobile repairing carried on and no parking of cars other than those being serviced; that no equipment shall be maintained other than posts for flood lights as

indicated on plans, except that the ornamental roof sign may encroach on this 20 feet, provided such encroachment is not less than 12 feet above curb; that there shall be no excavation under the building except for the necessary platform for the rotary turntable and operating machinery and pits of greasing racks; that no open flame shall be permitted on the property except the heating boiler located within a fireproof-enclosed room; that the pits for the greasing, rotary turntable and the greasing racks shall be ventilated by means of a mechanical system of ventilation leading through ducts to and above the roof; that all motors to operate ventilation equipment, turntable and pumps shall be of the fully enclosed, spark-proof type equipped with moisture-proof switches; that nothing herein contained shall be considered as an approval by this board of the mechanical construction of the turntable mechanism which must be approved by the commissioner of buildings for such mechanical features as to strength and safety and interlocking electrically operated devices to prevent rotation while an automobile is being serviced; that advertising signs shall be limited to the permanent signs on the front side of the building and to the illuminated tower shown on plan, excluding all other roof signs and side-wall signs and signs of a temporary nature; that such lights for illumination as shall be maintained shall be protected with metallic reflectors so arranged as to reflect downwardly so as not to prove objectionable to adjoining owners; there may be two post standards erected within the building line, one at either side, as indicated, for an illuminated neon sign on each post advertising only the name of the gasoline sold; that other than as required and permitted herein the building and premises shall conform to all laws and regulations applicable thereto and to the permitted occupancy thereof; that all plans shall be approved within three months and all work shall be completed within nine months from the date of this amended action."

APPEALS FROM ADMINISTRATIVE ORDERS.

348-34-A.

APPELLANT—The Mantrose Corporation, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

APPEARANCES—

For Appellant: Samuel Rosenblum.

For Administration: None.

ACTION OF BOARD—Laid over to March 19, 1935, at 2 p. m. on request of appellant's representative.

32-35-A.

APPELLANT—David Kaufman, for Harnat Cafeteria, lessee.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—404 Sixth avenue (Block No. 572, Lot No. 2), Manhattan.

APPEARANCES—

For Appellant: David Kaufman.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Laid over to March 12, 1935, at 2 p. m. for appellant to file decision of commissioner of buildings.

341-34-A.

APPELLANT—Martin J. Ort for Reisel Betman, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

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PREMISES AFFECTED—1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Brooklyn.

APPEARANCES—

For Appellant: M. Hellman.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative 0

Absent 0

THE RESOLUTION—

(341-34-A)

WHEREAS, Martin J. Ort, for Reisel Betman, owner, filed December 1, 1934, an appeal from an order and a decision of the commissioner of buildings affecting premises 1725-1729 St. Marks avenue (Block No. 1455, Lot Nos. 67, 68 and 69), Borough of Brooklyn; and

WHEREAS, Order No. 0760-LF of the commissioner of buildings, dated October 27, 1933, reads:

"Provide approved fireproof windows or iron shutters at all openings in the exterior wall above first story which are distant in a direct line less than 30 feet from any opening in any other building and not in the same plane with said openings and which are not more than 50 feet above a neighboring roof at north, east and west sides of building, or other approved protection, as per Sec. 375, Art. 18, Ch. 5, Code of Ordinances."

and

WHEREAS, the decision of the commissioner of buildings, dated November 30, 1934, reads:

"In reply to your letter of November 19, 1934, advising that you have been retained by the owners to appeal from requirements of orders Nos. 0758-LD and 0760-LF and that you are unable to do so, due to the fact that the Board of Standards and Appeals will not accept an appeal for the reason that the time limit, twenty days had elapsed, and request dismissal and reissuance of the above orders.

You are advised that the orders cannot be dismissed or reissued. Therefore, your request is denied."

and

WHEREAS, the building is non-fireproof, 3 stories (45' 6") in height, 46 feet by 127 feet 9½ inches in area; OCCUPIED: 1st story, Frigidaire factory, 8 persons; 2nd story, coat factory, 25 persons; 3rd story, coat factory, 30 persons; located partly in a business district and partly in an unrestricted district; and

WHEREAS, the appellant has filed drawings indicating there are 14 window openings on west side, 10 on the east side and 6 on the north side of the building affected by the order; the buildings causing the exposures are a one-story brick garage adjacent at north, a two-story frame dwelling 4 feet distant at east and a one-story brick factory 10 feet distant at west; the appellant contends the windows have fireproof frames glazed with polished plate glass ¼ inch in thickness which provide adequate fire protection; furthermore, that there is no existing fire hazard on the premises.

Resolved, that the decision of the commissioner of buildings as to Order No. 0760-LF, be and it hereby is *modified* and that the appeal be and it hereby is *granted on condition* that all windows above the first story opening upon stair enclosures shall be fireproof, self-closing and glazed with wire glass; that the two windows on the easterly wall of the building next northerly from the stair enclosure at the front of the building on the second and third stories shall be of similar construction and glazed with wire glass; that all other windows shall be glazed either with wire glass or one-quarter (¼) inch commercial plate glass; *on condition* that

Order No. 0758-LD, calling for interior fire alarm and fire drills shall be complied with and that the building, other than as modified herein, shall comply with the labor law in all respects.

363-34-A.

APPELLANT—William Shary, for Raymond Robinson of the Father Devine Peace Mission, lessee.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—117-119 Macon street, northwest corner of Marcy avenue (Block No. 1844, Lot No. 53), Brooklyn.

APPEARANCES—

For Appellant: William Shary and Raymond Robinson.

For Administration: None.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Absent 0

THE RESOLUTION—

(363-34-A)

WHEREAS, William Shary, for Raymond Robinson of the Father Devine Peace Mission, lessee, filed December 26, 1934, an appeal from an order of the commissioner of buildings affecting premises 117-119 Macon street, northwest corner Marcy avenue (Block No. 1844, Lot No. 53), Borough of Brooklyn; and

WHEREAS, Order No. 7580/34, of the commissioner of buildings, dated December 6, 1934, reads:

"You will please take notice that there exists a violation of the building code at the premises hereinafter described, in that alterations have been made to the building without a permit and occupancy of building has been changed from its former occupancy, sanitarium, to a place for religious services, sleeping quarters and dining room for occupants of building, about 40 persons, and a sign is displayed on the front of the building announcing the holding of services from 10 a. m. to 10 p. m., in violation of Art. 1, Sec. 4, Para. 1, of building code and Art. 1, Sec. 5 of building code.

You are required to vacate building for these purposes until a certificate of occupancy has been obtained from this department."

and

WHEREAS, the two attached communicating buildings are non-fireproof, 4 stories, basement and cellar (49 feet) in height, 41 feet by 45 feet and 65 feet, irregular in depth; OCCUPIED as a religious mission; cellar, storage and boiler room; basement, kitchen and dining room, 100 seats; 1st story, office and meeting, 78 seats; 2nd story, 6 sleeping rooms, 24 beds; 3rd story, 8 sleeping rooms, 24 beds; 4th story, 8 sleeping rooms, 24 beds; located within a business district; and

WHEREAS, the appellant claims the buildings were erected in 1894; that on March 12, 1918, the superintendent of buildings issued certificate of occupancy No. 29, permitting the entire two buildings to be used as a sanitarium; the buildings are provided with two communicating doorways at the basement and one at each of the other stories, all such doorways are provided with fireproof self-closing doors except the one on 1st story which is unprotected; exits consist of two open wooden stairways, 2 feet 10 inches in width, located, one in each building extending from basement to top story and ladder to roof scuttle; a fire escape on the rear of the interior building, extending from roof of basement extension to top story, a drop ladder to yard and egress direct

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to street, with non-fireproof windows on the course thereof; one window opening from each story of the interior building and one window opening from each of the 1st, 3rd and 4th story of the corner building; application No. 15219 was disapproved November 2, 1934, by the commissioner of buildings with the following objections:

- (4) Provide 2 means of exit in full compliance with Art 8. of the code.
- (a) Stairs to be 3 feet 8 inches wide.
 - (b) Fireproof enclosed.
 - (c) One stair to lead to roof.
 - (d) Both stairs to lead directly to street.

November 21, 1934, additional objection was made as follows:

- (1) Proposed change from sanitarium occupancy to class B. M.D. does not come within Art. 6 M.D.L. Building is subject to all provisions of M.D.L. relative to a hereafter erected building, Sec. 4, sub. 8. Sec. 8, sub. 1 M.D.L.

and

WHEREAS, as a result of court action for a similar Order No. 5609 of 1934, the lessee was fined and directed to suspend the mission meetings; the meetings of the mission have been suspended and the sign formerly displayed on front of building which announced holding of services has been removed; and

WHEREAS, appellant claims that it is proposed to use the premises as a charitable institution for mission purposes, giving shelter to mission members for a nominal contribution and feeding the unemployed who apply daily; this appeal is made for permission to occupy the premises for the proposed use with the existing exits which were accepted by the superintendent of buildings for the use as a sanitarium; furthermore, the appellant contends that the proposed occupancy is within the classification of a public building and not a class B multiple dwelling; and

WHEREAS, it was the opinion of the board that the proposed occupancy above the first story classifies the buildings as class B multiple dwellings and that the multiple dwelling law should be complied with; and

WHEREAS, it is the opinion of the Board of Standards and Appeals that neither the commissioner of buildings nor the board of buildings, nor the Board of Standards and Appeals have any power under Chapter 764 of the laws of 1933 or any other law to vary the requirements of the multiple dwelling law except as expressly authorized by said Chapter 764 of the laws of 1933.

Resolved, that the order of the commissioner of buildings, No. 7580-34, and the decision of the commissioner of buildings rendered November 2, 1934, and November 21, 1934, in acting on application No. 15219, be and they hereby are *affirmed* and that the appeal be and it hereby is *denied*.

37-35-A.

APPELLANT—Brooklyn Fire Brick Works, owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—98-100 Beard street, northwest corner of Richards street (Block No. 604, Lot No. 16), Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal dismissed for lack of prosecution.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(37-35-A)

WHEREAS, Brooklyn Fire Brick Works, owner, filed February 13, 1935, an appeal from an order and a decision of the fire commissioner affecting premises 98-100 Beard street, northwest corner Richards street (Block No. 604, Lot No. 16), Brooklyn; and

WHEREAS, Order No. 65098 LC of the fire commissioner, dated July 6, 1934, reads:

"1. Section 201, Subdivision 2B of Chapter 10, Code of Ordinances, New York, states that no permit for the manufacture, mixing or compounding of paints, varnishes, or lacquers, shall be issued for any premises, which are occupied as a tenement house, dwelling, hotel, workhouse or factory.

You are therefore ordered to remove all savasol, etc., from the premises and discontinue the further manufacture of paint on the premises."

and

WHEREAS, the decision of the fire commissioner, dated February 9, 1935, reads:

"In reply to your letter of December 12, advising that you have been retained by the owners to appeal from the requirements of order No. 65098 LC and that you are unable to do so due to the fact that the Board of Standards and Appeals will not accept an appeal for the reason that the time limit, twenty days, had elapsed, and request dismissal and reissuance of the above order.

You are advised that the order cannot be dismissed or reissued. Therefore, your request is denied."

and

WHEREAS, the building is non-fireproof, one story (20 feet) in height, 200 feet by 119 feet in area; OCCUPIED for the manufacture of fire brick and paints, 10 persons employed; located within an unrestricted district; and

WHEREAS, the appellant claims the building was erected in 1903, no certificate of occupancy has been issued; that the ordinance which prohibits the manufacture of paints in a factory building was enacted for the purpose of protecting tenants in buildings consisting of several stories from being subjected to fire hazards that might be created by reason of the installation of a paint plant on some other story by some other tenant, whereas the premises in question is of brick, only one story in height with concrete floor; the paints are located in one corner of the building, removed a substantial distance from any other operation in the building; the maximum capacity and storage of paint ingredients will not exceed a total of 2,000 gallons at any time; the insurance companies have not increased the rates by reason of this added business; no cooking of varnish nor anything else of a highly hazardous character is done on the premises; the ingredients purchased elsewhere are simply mixed into paint; the fire commissioner requires the erection of a dividing partition extending through the roof or discontinuance of the business; the appellant contends that to comply with the order would be costly; that the profits of the paint business would not warrant the expense; and

WHEREAS, no one appeared when the case was called, although duly notified of the date of the hearing.

Resolved, that the appeal be and it hereby is *dismissed* for lack of prosecution.

PETITIONS FOR VARIATIONS

351-32-S.

PETITIONER—Martin J. Ort, for Reisel Betman, owner.

SUBJECT—Request for reopening (previously withdrawn) re petition for variation of the labor law as cited in order of the fire commissioner.

PREMISES AFFECTED—1725-1729 St. Marks avenue, (Block No. 1455, Lot Nos. 67, 68 and 69) Brooklyn.

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APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Request to reopen withdrawn on written request.

THE VOTE TO WITHDRAW REQUEST TO RE-OPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative: 0

Absent 0

16-35-S.

PETITIONER—Monroe Markowitz, owner.

SUBJECT—Variation of the labor law as cited in decision of the commissioner of buildings.

PREMISES AFFECTED—220-222 Vernon avenue (Block No. 1761, Lot Nos. 4 and 6), Brooklyn.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative 0

Absent 0

THE RESOLUTION—

(16-35-S.)

WHEREAS, Monroe Markowitz, owner, filed with this board January 15, 1935, a petition affecting premises 220-222 Vernon avenue (Block No. 1761, Lot Nos. 4 and 6) Borough of Brooklyn; and

WHEREAS, he failed to complete his papers, though duly notified to do so,

Resolved, that the petition be and it hereby is *dismissed* for lack of prosecution.

99-22-S.

PETITIONER—Samuel Rosenblum, for Maison Hermelee, lessee.

SUBJECT—Application for reopening—amendment—re variation of the labor law as cited in decision of the superintendent of buildings.

PREMISES AFFECTED—138 West 34th street (Block No. 809, Lot No. 66), Manhattan.

APPEARANCES—

For Petitioner: Samuel Rosenblum.

ACTION OF BOARD—Petition reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative 0

Absent 0

THE RESOLUTION—

(99-22-S.)

WHEREAS, this petition affecting premises 138 West 34th street (Block No. 809, Lot No. 66) Borough of Manhattan was granted by the board April 11, 1922, on certain conditions and petitioner requests an amendment of the resolution due to changed conditions at premises.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on November 24, 1925, so that as amended the resolution shall read:

"Resolved, that the Board of Standards and Appeals does hereby *make a variation* from the requirements of the labor law and that the petition be and it hereby is *granted* as to egress from rear fire-escapes by means of direct connection from the roof extension at 2nd story

level to the extension roof of the buildings adjoining at the east, known as Nos. 136 and 134 West 34th street, *on condition* that the consent of adjoining owner shall be filed with the commissioner of buildings, and *granted only so long* as existing conditions as herein described shall continue; that the occupancy of 4th and 5th stories shall not exceed 20 persons; that the manufacturing occupancy shall not exceed 25% of the floor area of the building; that the decision of the superintendent of buildings in 1925 as to vestibule and extending hall partitions to the street be and it hereby is *affirmed* and the petition as to this item be and it hereby is *denied*; that other than as modified herein the building shall comply with the labor law and all other laws, rules and regulations applying thereto in all respects."

APPLIANCES SUBMITTED FOR APPROVAL

43-35-SA.

PETITIONER—Universal Sanitary Mfg. Co., owner.

SUBJECT—Universal Water Closet Unit, Models Castle No. 5232 and Climax No. 5022, approval of.

APPEARANCES—

For Petitioner: Melvin A. Rosenberg.

ACTION OF BOARD—Petition placed on reserve calendar, referred to engineer of the board for test and report.

47-35-SA.

PETITIONER—David Kaufman, for Ace Engineering Co., owner.

SUBJECT—Ace Rotary Oil Burner, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to engineer of the board and bureau of combustibles, fire department, for test and report.

48-35-SA.

PETITIONER—Nathan A. Arvintz, for Seal-O-Strain Corp., owner.

SUBJECT—Seal-O-Strain Curb Fill Box for Fuel Oil or Gasoline, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar, referred to engineer of the board and bureau of combustibles, fire department for test and report.

53-34-SA.

PETITIONER—Felix Braun, for Nemes & Gluck, owners.

SUBJECT—Automatic Airless Oil Burner, Model No. 1—application for reopening—amendment of resolution.

APPEARANCES—

For Petitioner: Felix Braun, Bernard Gluck.

ACTION OF BOARD—Petition reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative 0

Absent 0

THE RESOLUTION—

(53-34-SA)

WHEREAS, Felix Braun, for Nemes and Gluck, owners, filed February 23, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Automatic Airless Oil Burner Model No. 1; and

MINUTES

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is a heavy cored iron casting machined with a series of openings in its upper face. Into each opening is inserted a Lava burner disc, set in with a heat resisting cement. Suspended upon this burner is a generator made of seamless steel tubing, bent in the form of a long "U."

The oil is supplied to the burner from a 5-gallon welded 22 gauge steel can by means of a rotary pump and oil pressure container. The pump is driven by a Master Motor, $\frac{1}{4}$ H.P. The oil pressure container which is located between the pump and the burner, consists of a tubular brass casing having a base which may be mounted upon a stand.

In the interior of the cylinder there is a piston provided with packing rings. This piston is connected to a rod which extends upward to the upper end of the cylinder through a bearing. The oil is pumped from the storage container into this cylinder, which causes the piston to rise and when the set height of the piston is reached a contact is made with a limit switch which stops the action of the motor and pump. Attached to the piston are three weights totaling 72 pounds. The oil then in the cylinder is fed to the burner under 28 pounds pressure. To operate the burner, the generator tube is heated by gas and after five or six minutes heating the oil is turned on and the gas shut off.

As the oil supply is consumed, the weights on the piston force it down, and when the piston has traveled a set distance, contact is again made with a limit switch which starts the motor, completing the cycle of operation. The boiler at this inspection was equipped with a diaphragm type pressure regulator made by the manufacturer of the burner, which, when 65 pounds pressure has been obtained on the boiler, reduces the volume of the flame to its secondary or low stage.

A permanently fixed drop bucket, a shut off device has been provided to shut off the flow of oil in case of failure of the flame.

It is recommended that this device be approved for use with fuel oil not heavier than No. 3 under the provisions of section 4 of the oil burner rules when installed in accordance with said rules and with the recommendations suggested which shall be incorporated in the instruction card which must be placed near the burner in each installation.

and
WHEREAS, this device was approved by the board November 27, 1934 on certain conditions and requirements and petitioners requested an amendment of requirement No. 9.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as Automatic Airless Oil Burner, Model No. 1, for commercial and industrial installations for use with range oil or fuel oil not heavier than No. 3, on condition that this device shall be installed in ac-

cordance with the oil burner rules of the Board of Standards and Appeals, as modified and supplemented by the following conditions:

1. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
2. That the stand supporting the burner in the fire box of the boiler shall be securely bolted to the bottom thereof.
3. The oil supply container and pump to be mounted on a common base shall be firmly anchored to the floor and at a distance of at least 60 inches from the boiler in which the device is installed.
4. Only approved safety cans shall be used for the storage and filling of oil containers.
5. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the boiler in which the device is installed.
6. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
UNDER CAL. NO. 53-34-SA.

For Use in New York City.

Only an Approved Safety Can Shall Be Used in
Filling This Storage Container.

7. That the tank shall be set rigidly in a cup shaped base receptacle of sufficient capacity to contain $\frac{1}{3}$ the contents of the tank in case of leakage.
8. That the device shall be connected by a suitable flue pipe to a legal chimney or to the outer air, this flue to be provided with a suitable stack check to nullify down draft.
9. That the boiler from the top thereof to the floor line shall be protected with a jacket, one inch in thickness, of either air-cell asbestos or 85% magnesia, except that the operating opening may be left open at the base not exceeding 50 square inches in area, and that said jacket shall be secured by wire to the boiler and completely covered with sheet metal or with hard cement surface.
10. The storage of oil shall be limited to not more than 2 five gallon safety cans in reserve unless the installation is made in complete conformity with the oil burner rules.
11. The board reserves the right to add additional requirements if and when such additional requirements are deemed necessary.

Resolved, further, that other than as amended herein the resolution adopted by the board on November 27, 1934, shall be complied with in all respects.

Adjourned, 5:10 p. m.

EDWARD V. BARTON, Chief Clerk.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Auto Heat Oil Burner.....	284-33-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Morse Fuel Oil Burner.....	820-23-SA
Ballard Automatic Oil Burner.....	1363-23-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Jr. Oil Burner.....	1176-27-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Nichols-McCann-Harrison Burners	255-31-SA
Berggren Oil Burner.....	764-26-SA	North American Low Pressure Oil Burner....	792-26-SA
Best Calorex Burner.....	1464-21-SA	Oilbilt Burner	85-33-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Oronoque Oil Burner.....	394-30-SA
Bock Oil Burning Water Heater.....	102-34-SA	Packard Fuel Oil Burner.....	77-34-SA
Brighton Oil Burner.....	372-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Burnwell Mechanical Burner.....	957-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Petro Model W Oil Burner.....	452-31-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Coen Mechanical Oil Burner	942-21-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Presto Automatic Oil Burner.....	294-34-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
D'Elia Oil Burner.....	155-31-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
DeWalt Oil Burner.....	541-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
Doe Oil Burner.....	317-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rockwell Fuel Oil Burner	341-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. K. Oil Burner, Model F.....	369-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Gem Fuel Oil Burner.....	111-26-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Standardyne Oil Burner.....	34-34-SA
Ghapco Steam Generator.....	348-31-SA	Steam Oil Burner.....	183-22-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun Heat Oil Burner.....	603-29-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Grant Oil Burner, Model "C".....	232-32-SA	Sunway Oil Burner.....	624-30-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Surface Combustion Low Pressure Burner....	92-23-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Rotary Oil Burner.....	297-29-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hayward Oil Burner.....	696-30-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Burner (pump type).....	94-32-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Vapofier Oil Burner.....	184-34-SA
Korth Oil Burner, Model G.	136-34-SA	Vapomatic Oil Burner	275-34-SA
Kreager Oil Burner.....	367-30-SA	Vaporoil Burner	44-32-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Wheco Oil Burner.....	108-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Liberty Automatic Heater.....	129-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
Leintz Oil Burner.....	155-20-SA		
Lonergan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
May Oil Burner.....	68-24-SA		
Midget Oil Burner.....	155-34-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
- 443-26-SA—American Anti-Syphon Valve.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 126-33-SA—Tower Range Oil Burner.
- 162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 349-33-SA—Herco Oil Burner.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.
- 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
- 125-34-SA—American Oil Burner.
- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

- 165-34-SA—Rose Oil Heater.
- 203-34-SA—King Oil Burner.
- 205-34-SA—Automatic Firetox Extinguisher.
- 208-34-SA—Globe Oil Burner Pump.
- 221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).
- 224-34-SA—Progressive Press Machine Oil Burner.
- 234-34-SA—Bland Range Oil Burner.
- 256-34-SA—"Standard" One-Piece Closet Combination.
- 274-34-SA—B. & H. Radiant Stove Oil Burner.
- 291-34-SA—Champion Range Oil Burner and Pump, Models A, DeLuxe and Waco.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 302-34-SA—Loyalty Range Burner.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 345-34-SA—Micron Oil Burner.
- 351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.
- 355-34-SA—Kres-Kno Range Oil Burner, Model MD.
- 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
- 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
- 3-35-SA—Yorktown Oil Burner, Model A.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 13-35-SA—Nairoil Oil Burner, Type R, Model E.
- 17-35-SA—Toridheet Oil Burner, Model G.
- 29-35-SA—Actna Range Oil Burner.
- 36-35-SA—Kennedy Special Double Seal Joint Fitting (Plumbing Device).
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 40-35-SA—Ellington Range Oil Water Heater, Models M and J.
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 48-35-SA—Seal-O-Strain Curb Fill Box for Fuel Oil or Gasoline.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.

Cases pending December 31, 1934	163
Cases filed up to March 6, 1935	57
Restored to Calendar	17
MISCELLANEOUS APPLICATIONS.	
Requests to reopen	81
Requests to amend	52
Requests for modification	0
Requests to rescind	0
Requests for extension of time	8
Requests for extension permit	0
Requests for mechanical installations	0
Requests for approval of plans.....	2
Administrative requests	0
Requests for interpretation	0
Total	380
Disposed of	231
Cases pending March 6, 1935	149

DISPOSITION OF CASES.

Withdrawn	8
Dismissed	6
Denied	19
Granted	0
Granted on condition	31
Appliances approved	22
Appliances dismissed, disapproved or withdrawn.....	2
Rules approved	0
Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS ACTIONS.	
Requests to reopen granted	77
Requests to reopen denied.....	0
Requests to amend granted	52
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	0
Requests to rescind denied	0
Requests for extension of time granted	8
Requests for extension of time denied	0
Requests for extension of permit granted	0
Requests for extension of permit denied.....	0
Requests to install granted.....	0
Requests to install denied	0
Plans approved	2
Plans disapproved	0
Administrative requests granted.....	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	4
Total	231

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order, therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

Name.....

Street.....

P. O.....

My Subscription is to begin with the issue for....., 1935.

52.05

NEW

BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

MARCH 19, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 12

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN McELIGOTT

EDWARD V. BARTON, Chief Clerk

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, March 18, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, March 25, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

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D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
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RULES

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COURT DECISION.

Meier v. Murdock—April 10, 1934, Board denied application for gas station in business district, under section 21, Cal. No. 287-33-BZ; Premises N.W. cor. Jamaica Ave. and Newtown Road, Astoria, Queens. Mr. Justice Hallinan reversed Board's decision and sent application back to Board to place conditions. (N. Y. L. J., Feb. 1, 1935.)

CALL OF CLERK'S CALENDAR

MONDAY, MARCH 18, 1935, AT 2 P. M.

Building Zone Cases.

327-34-BZ. APPLICANT—Martin J. Ort, for Arthur Mulvaney, owner. PREMISES—615 Baltic street, northeast corner of 4th ave- nue (Block No. 937, Lot No. 1), Brooklyn. APPLICATION, under section 21 of the building zone resolution, TO PERMIT in a business district the change of occu- pancy of part of an existing building to a motor vehicle repair shop.
20-35-BZ. APPLICANT—Scacchetti & Siegel, for Edward G. Falter, owner. PREMISES—711-719 Gun Hill road, north side, 100 ft. east of White Plains road (Block No. 4657, Lot No. 8), The Bronx. APPLICATION, under section 21 of the building zone resolution, TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.
894-28-BZ. APPLICANT—Samuels and Samuels, for Gustaf Larson, owner. PREMISES—2702-2712 Foster avenue and 1285-1289 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn. APPLICATION, under section 21 of the building zone resolution (reopened January 22, 1935), TO PERMIT upon a plot located partly in a business dis- trict and partly in a residence district the erection and maintenance of a gasoline service station.

MARCH 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Stand-ards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 19, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

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CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

CAL. NO. 328-34-BZ—Application, November 20, 1934, under section 21 of the building zone resolution, of Henry Nordheim, applicant, on behalf of Max Mirowitz, owner, to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1449 Vyse avenue, west side, 100 feet south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

CAL. NO. 362-34-BZ—Application, December 26, 1934, under section 21 of the building zone resolution, of Abraham N. Horwitz, applicant, on behalf of 1230 Jerome Avenue Corporation, owner, to permit in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1227-1229 River avenue and 1230 Jerome avenue, east side, 165 feet 6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

MARCH 19, 1935, 2 P. M.

Appeals from Administrative Orders.

312-34-A—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.

307-34-A—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

52-35-A—1657-1663 Flatbush avenue, east side, 120 ft. north of Avenue I (Block No. 7578, part of Lot No. 38 and Block No. 7579, Lot Nos. 10 and 24), Brooklyn.

53-35-A—30 Rockefeller Plaza (Block No. 1265, Lot No. 2), Manhattan.

57-35-A—1400 51st street and 5101 14th avenue, southeast corner (Block No. 5667, Lot No. 7); (5107 14th avenue, adjoining building), Brooklyn.

62-35-A—154-158 Fifth avenue and 1-3 West 20th street, northwest corner (Block No. 822, Lot No. 31), Manhattan.

63-35-A—59 Water street (Block No. 32, Lot No. 9), Manhattan.

Petition for Variation.

60-35-S—130-132 Fifth avenue and 1 West 18th street, northwest corner (Block No. 820, Lot No. 38), Manhattan.

Appliances Submitted for Approval.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

54-35-SA—Putnam Range Oil Burner.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, March 19, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 113-34-BZ—Application, April 25, 1934, under section 21 of the building zone resolution, of Sidney Lipston, applicant, on behalf of Morris Gorelik, owner, to permit in a business district the maintenance of a motor vehicle repair shop and garage for more than five (5) motor vehicles; premises 1009 Myrtle avenue (Block No. 1749, Lot No. 48), Brooklyn.

CAL. NO. 287-34-BZ—Application, October 1, 1934, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, substituted for Howard Kelly, on behalf of Mutual Life Insurance Company, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

CAL. NO. 273-34-BZ—Application, August 23, 1934, under section 21 of the building zone resolution, of Nathan D. Shapiro & Bros., applicants, on behalf of Mansfield Service Station, Inc., owner, to permit in a residence district the extension of an existing gasoline service station and, also, the erection and maintenance of an office, auto laundry and greasing pits; premises 1314-1332 Ocean avenue, west side, 100 feet south of Avenue H (Block No. 6703, Lot No. 55), Brooklyn.

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone resolution, of Mario J. Cafiero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, MARCH 25, 1935, AT 2 P. M.

Building Zone Cases.

353-34-BZ.

APPLICANT—Benjamin Millstein, for Edmund Burke, owner.

PREMISES—5913-5923 Church avenue and 876-886 Ralph avenue, northwest corner (Block No. 4685, Lot Nos. 29 and 30), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

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1-35-BZ.

APPLICANT—Abraham S. Bursky, for Manuel Gonzales Benitez and Amalia Gonzales Benitez, owners.

PREMISES—111 West 111th street (Block No. 1821, Lot No. 21½), Manhattan.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use (undertaker's establishment).

46-35-BZ.

APPLICANT—Sugarman & Berger, for Concourse Development, Inc., owner.

PREMISES—1000 Grand boulevard and Concourse, northeast corner of East 164th street (Block No. 2461, Lot No. 90), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also 1¼ times height district the erection of part of the street wall of a proposed multiple dwelling to a height exceeding the limit set by the building zone resolution.

MARCH 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 4-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Approved Bond and Mortgage Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1), Woodhaven, Borough of Queens.

CAL. NO. 5-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Eleto Realty Corporation, owner, to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4297-4301 Broadway (Block No. 2180, Lot No. 108), Manhattan.

CAL. NO. 24-35-BZ—Application, January 24, 1935, under sections 7b and 21 of the building zone resolution, of Julius Eckmann, applicant, on behalf of Henry S. Harper, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (store); premises 56 West 8th street (Block No. 553, Lot No. 14), Manhattan.

CAL. NO. 296-32-BZ—Application of Levy and Berger, on behalf of Kings Bay Realty Corporation, owner, reopened January 15, 1935,

under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MARCH 26, 1935, 2 P. M.

Appeals from Administrative Orders.

19-35-A—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

66-35-A—South side of Hicks street, running through from Fish avenue to Seymour avenue (Block No. 4713, Lot Nos. 1, 2, 5, 12 and 15), The Bronx.

67-35-A—South side of Hicks street, running through from Wilson avenue to Fish avenue (Block No. 4712, Lot Nos. 1 and 14), The Bronx.

68-35-A—West side of Corsa avenue to east side of Fenton avenue, 100 ft. north of Boston road (Block No. 4721, Lot No. 17), The Bronx.

69-35-A—West side of Eastchester road to east side of Corsa avenue, 100 ft. north of Boston road (Block No. 4722, Lot No. 12), The Bronx.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, March 26, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 540-27-BZ—Application of Bernard Austin, on behalf of Anhil Realty Corporation, present owner, reopened March 5, 1935, by order of the court, under section 21 of the building zone resolution, for an amendment to the resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board; premises 725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

CAL. NO. 101-32-BZ—Application of Thema Rosen, owner, reopened March 5, 1935, for consideration as to extension of time to complete work—time having elapsed—re application granted on certain conditions under section 21 of the building zone resolution, permitting partly in a business district and partly in an unrestricted district, the maintenance of an open air parking space for more than five (5) cars and the installation of two (2) gasoline tanks and pumps as accessory to the parking space and individual garages, these garages having been previously granted by the board; premises west side of Bailey avenue, 182 feet south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

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CAL. NO. 299-34-BZ—Application, October 23, 1934, under section 21 of the building zone resolution, of Michael Glick, applicant, on behalf of Nathan Bensky, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Sedgwick avenue, 795 feet south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

CAL. NO. 305-32-BZ—Application of Arthur H. Haaren, on behalf of Kesbec, Inc., present owner, reopened July 10, 1934, under section 21 of the building zone resolution, to permit in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the Board); premises north side of Roosevelt avenue, 85 feet east of 69th street; northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 1, 1935, AT 2 P. M.

Building Zone Cases.

34-35-BZ.

APPLICANT—Jacob Sulzbach, for Ken-Isle, Inc., owner.
PREMISES—18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9; Block Nos. 4746 and 4747, Lot Nos. 1), White-stone, Queens.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.

44-35-BZ.

APPLICANT—Kennedy and Ellner, for Henry A. Bonori, owner.

PREMISES—46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

45-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Helen R. McGowan and Loretta M. McGowan, owners.

PREMISES—2356 University avenue, east side, 1,163.63 ft. north of West 183rd street (Block No. 3212, Lot No. 57), The Bronx.

APPLICATION, under section 7a of the building zone resolution,

TO PERMIT in a residence district the alteration and extension of an existing (frame) business building.

APRIL 2, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 2, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

CAL. NO. 337-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Solomon Gelfand, applicant, on behalf of Annie Livshitz, owner, to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops; premises 1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Brooklyn.

CAL. NO. 15-35-BZ—Application, January 14, 1935, under section 21 of the building zone resolution, of Edgar J. Moeller, applicant, on behalf of Claude H. Birdsall, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2093-2099 Flatbush avenue and 4401-4413 Avenue N, northeast corner (Block No. 7869, part of Lot No. 2), Brooklyn.

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corporation, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

APRIL 2, 1935, 2 P. M.

Appeal from Administrative Order.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APRIL 9, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 9,

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1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 340-34-BZ—Application, December 4, 1934, under section 21 of the building zone resolution, of Richard Morrison, applicant, on behalf of New York Central Railroad Company, owner, to permit in a business district the use of a plot of ground as a parking space for more than five (5) motor vehicles; premises west side of Newell street, 72 ft. 5 in. south of Gun Hill road (Block No. 3358, part of Lot No. 1), The Bronx.

CAL. NO. 342-34-BZ—Application, December 3, 1934, under section 21 of the building zone resolution, of Albert M. Lee, applicant, on behalf of Seventy-Fourth Street Manhattan Corporation, owner, to permit in a residence district the alteration and conversion of two (2) existing dwellings into a building to be occupied for business purposes (stores on first story); premises 231-233 West 74th street (Block No. 1166, Lot Nos. 13 and 14), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, MARCH 12, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, March 5, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, March 5, 1935, were approved as printed in the Bulletin, No. 11, Vol. XX.

BUILDING ZONE CASES.

299-34-BZ.

APPLICANT—Michael Glick, for Nathan Bensky, owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—East side of Sedgwick avenue, 795 ft. south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

APPEARANCES—

For Applicant: Michael Glick, Charles J. Bensky.

For Opposition: None.

ACTION OF BOARD—Laid over to March 26, 1935, at 2 p. m., for report of committee of inspection. No further argument.

305-32-BZ.

APPLICANT—Arthur H. Haaren, for Kesbec, Inc., owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the board); (reopened July 10, 1934).

PREMISES AFFECTED—North side of Roosevelt avenue, 85 ft. east of 69th street (northwest corner of Roosevelt avenue and 70th street (Lenox avenue), (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.

APPEARANCES—

For Applicant—Arthur H. Haaren.

For Opposition: Robert C. Whitten, A. Lovas, Joseph Gerard, John Ross and Anna Kovacs.

ACTION OF BOARD—Laid over to March 26, 1935, at 2 p. m., for report of committee on inspection. No further argument.

317-34-BZ.

APPLICANT—Samuels and Samuels, for Jean Levy and Benjamin Levin, owners.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a residence use and partly in a business use and also "F" area district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Grand Central Parkway and Parsons boulevard, southeast corner (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Archie H. Samuels.

For Opposition: L. D. Bell, L. C. Squire, David Groberg.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Absent 0

THE RESOLUTION—

(317-34-BZ)

WHEREAS, Samuels & Samuels, for Jean Levy and Benjamin Levin, owners, filed November 15, 1934, an application under the building zone resolution to permit partly in a residence use and partly in a business use and also "F" area district the erection and maintenance of a gasoline service station; premises southeast corner of Grand Central Parkway and Parsons boulevard (Block No. 2622, Lot No. 323), Jamaica, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 12, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Grand Central Parkway is in a residence use and F area district; Parsons boulevard is in business use and D area and also residence use and F area districts; 159th street is in residence use and F and E area districts; and

WHEREAS, the decision of the commissioner of buildings, rendered December 5, 1934 (re App. No. 2079-1934), reads:

"The erection of an office service room and gasoline station in a residence "F" district extending partly into a business district is contrary to Sections 3 and 4 of the Zone Law."

and

WHEREAS, the premises consist of an irregularly shaped plot of ground having a frontage of 94 ft. on Grand Central Parkway and 118 ft. on Parsons boulevard; a small, irregular portion of the southwest corner of the plot is in the business use and D area district; the remainder of the plot is in a residence use and F area district. Proposes to

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erect upon the site a one-story office and 'service room' structure, 50 ft. by 27 ft. in area and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board on March 7, 1935; verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, the board deems that applicant has failed to substantiate his basis of appeal under section 21 of the building zone resolution and is not entitled to relief on the grounds of practical difficulty or unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application under section 21 be and it hereby is *denied*.

359-34-BZ.

APPLICANT—Kennedy & Ellner, for Dora Ginsberg, owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Kissena boulevard and Cherry avenue (Block No. 5192, Lot No. 34), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: William E. Kennedy, Rex Lee Paris, C. Leventhal.

For Opposition: Emanuel E. Schneider, R. B. Thomas, Joseph Gallo.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(359-34-BZ)

WHEREAS, Kennedy & Ellner, for Dora Ginsberg, owner, filed, December 20, 1934, an application under the building

zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Kissena boulevard and Cherry avenue (Block No. 5192, Lot No. 34), Flushing, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 12, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Kissena boulevard is in business and residence districts; Cherry avenue is in business and residence districts; Beech avenue is in a residence district and Elder avenue is in business and residence districts; and

WHEREAS, the decision of the commissioner of buildings, rendered December 12, 1934 (re App. No. 1719-1934), reads:

"Erection of a gasoline service station in a business district is contrary to art. 2, subdiv. 46, sec. 4, building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 102.8 ft. on Kissena boulevard and 92 ft. on Cherry avenue, upon which it is proposed to erect a one-story office and auto laundry structure, 20 ft. by 28 ft. in area, grease pits and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this building was the subject of an inspection by a committee of the board on March 7, 1935; verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, the board deems that the applicant has not substantiated his basis of appeal under section 21 of the building zone resolution; and is not entitled to relief on the ground of practical difficulties and unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

Adjourned: 1:00 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, MARCH 12, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

316-34-BZ.

APPLICANT—Samuels and Samuels, for Annie Carraher, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Samuel Feinberg.

For Opposition: David Grinsberg and William H. Orr.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Asst. Chief Kidney 4

Absent 0

THE RESOLUTION—

(316-34-BZ)

WHEREAS, Samuels and Samuels, for Annie Carraher, owner, filed November 14, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises 977 McDonald avenue and 73 Webster avenue, northeast corner (Block No. 5415, Lot No. 1), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 12, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that McDonald avenue is in a business district; Webster avenue is in business and residence districts and 18th avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered November 13, 1934 (re App. No. 15322-1934), reads:

"Proposed gasoline service station to be located in a business use district is contrary to Art. II, Sec. 4a of zone resolution."

and

WHEREAS, the premises consist of an irregularly shaped plot of ground having a frontage of 93 ft. 10 in. on McDon-

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ald ave., 38 ft. 3 in. on Webster ave. and a distance of 85 ft. 9 in. along the east lot line, upon which it is proposed to erect a one-story office 15 ft. by 15 ft. in area and, also, the necessary tanks and pumps for a gasoline service station. Proposes to demolish the frame structure now located on the site; and

WHEREAS, this site was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION

Re: Cal. No. 316-34-BZ.

Premises: 977 McDonald Avenue and 73 Webster Ave., N. E. Cor. (Block No. 5415, Lot No. 1), Brooklyn.

The premises consist of a small triangular shaped plot at the corner of McDonald avenue and Webster avenue, wholly in a district zoned for business use. The frontage is 93 ft. 10 in. along McDonald avenue and the greatest depth 38 ft. 3 in. along Webster avenue, tapering to nothing toward the north. The total area is approximately 3,600 square feet. A zoning variation is desired under Section 21 to permit a gasoline selling station. At present on the premises is a two-and-a-half story frame dwelling with a one-story addition used for business purposes.

The applicant claims that this property, under the same ownership for approximately 60 years, can no longer be used for conforming purposes because the returns from the existing buildings, given as \$15. to \$20. a month, are inadequate to pay carrying charges and states that the plot is too small for a taxpayer.

The frontage along McDonald avenue is zoned for business use and, except for 18th avenue one block to the north, the section—which is practically fully developed—is otherwise zoned for residence use. The local trading is apparently along McDonald avenue and 18th avenue. At the northerly end of this same block there is a theatre at the corner of McDonald and 18th avenues. Along McDonald avenue is an elevated structure with a station at this point. Considering the transportation, the presence of the station, the highly developed area, there seems to be no ground for any justifiable claim of hardship to permit the board to exercise its discretion and permit a non-conforming use. The smallness of the lot is claimed as a hardship, but, in the opinion of the committee, this is not too small for development with a store building which the objectors have pointed out would rent sufficiently well to produce a fair return. On the other hand, the committee finds that this lot is too small for a gasoline station. To permit it at this point would result in the sidewalks which are for the public use being used unduly. To prescribe the usual safeguards such as curbs and restricted entrances would be of no avail as they would make the lot difficult to use but without such safeguards the public would not be protected. The applicant shows gas pumps against the neighboring building which, while necessary perhaps because of the smallness of the lot, presents a condition that the committee does not favor.

In the opinion of the committee which inspected this site on February 21st, 1935, this plot is not too small or irregular for a conforming use. There is no local condition justifying a variation under hardship; the plot is too small for a gasoline station and the recommendation is that the application be denied.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, the report of the committee recommends denial of the application and the board deemed that applicant had

failed to substantiate his basis of appeal under section 21—unnecessary hardship—and, therefore, was not entitled to relief.

Resolved, that the decision of the commissioner of building be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

619-31-BZ.

APPLICANT—James Kearney, for Estate of Israel Miller, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the maintenance and extension of a gasoline service station previously granted by the board for a temporary period (reopened May 8, 1934).

PREMISES AFFECTED—148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: James Kearney.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney

Negative 4

Absent 0

THE RESOLUTION—

(619-31-BZ)

WHEREAS, James Kearney, for the Estate of Israel Miller, owner, filed December 31, 1931, an application under the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 148-16 to 148-26 111th avenue (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens; and

WHEREAS, this application was granted by the board April 29, 1932, for a temporary permit of two years under the principles of section 7, subdiv. F, under certain conditions and applicant requested a reopening of the case for a permanent permit under section 21 of the building zone resolution and to permit the extension of the gasoline service station over a larger plot which includes No. 148-14 111th avenue; and

WHEREAS, the case was reopened by vote of the board May 8, 1934, subject to regular procedure; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 12, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Sutphin boulevard is in a business district; 111th avenue is in business and unrestricted districts and 148th street is in residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered September 25, 1934 (re App. No. 7283-34), reads:

"The extension of a gasoline service station (now located within a business district under 619-31-BZ) into a residence district or business district, is contrary to both section 3 and section 4a-46 of the zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 164 ft. on Sutphin boulevard and 128.8 ft. on 111th avenue; a small area, at the southwest corner of the plot is located in the residence district and the remainder of the plot is in the business district. It is proposed to maintain the existing gas station now located upon the plot; said gas station consisting of an auto laundry 40 ft. 8 in. by 40 ft. 8 in. in area, an office 20 ft. by 20 ft. in area, grease pits and also tanks and pumps; and

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WHEREAS, the site under appeal was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION

Re: Cal. No. 619-31-BZ.

Premises: 148-14-26 111th avenue, southwest cor. of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Queens.

These premises are located on the southwest corner of Sutphin boulevard in an area zoned for business use. The frontage on Sutphin boulevard is 146 ft. and on 111th avenue 128 ft. On a portion of this plot at the corner this board in April, 1932, granted a temporary zoning variance under section 7, subdivision F, for a gasoline station. Prior to the decision there had been an inspection and a report recommending denial because of no hardship found to justify the variance under section 21. The board found that the Sutphin boulevard frontage was undeveloped and that condition is today about the same.

After the variance was granted by this board and the office building and pumps erected the superintendent of buildings permitted the erection of a building on an adjoining lot for car washing and greasing. This building is being operated in conjunction with the gasoline station and is accessory thereto. It is an extension of a non-conforming use in a business area and is illegal. There has also been an extension of the gasoline station area to the rear. The plot now under appeal has been walled in on the interior lot lines and includes the plot formerly before the board and the extensions.

In the opinion of the committee which inspected the premises and the adjoining area, the board was correct in its original finding that there was no hardship to justify a variance under section 21. As the board then viewed the meaning of section 7-F the grant was perhaps justified. As a new proposal under 7-F, the committee would recommend denial as the section cannot be deemed undeveloped. It is sparsely settled as regards Sutphin boulevard, but intensely developed in the surrounding residential areas and also along 111th avenue for blocks in the business area.

The committee does not agree with the applicant that this station is needed. In fact, it is, from statements made, not prospering. It would be better eliminated and with the background of residences immediately adjoining, some conforming use could be constructed. Rather, however, than cause unnecessary financial burden at this time, the committee recommends in view of the board's previous action and the action of the superintendent of buildings, that a continuation be granted for a period of two years under section 7, subdivision F and that the denial under section 21 be reaffirmed not only for the plot previously before the board, but also for that plot and the additions thereto now under consideration. In the absence of either consents or objections from the owners in the area, the committee assumes that they are not greatly concerned.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application for a permanent permit under section 21 but recommended a continuation of the permit for a period of two years under section 7-F of the building zone resolution.

Resolved, that the Board of Standards and Appeals *does* hereby *affirm* its action of April 29, 1932 denying the application under section 21 of the building zone resolution but permitting under section 7, subdivision F of the building zone resolution the continuation of the gasoline

service station for a temporary period of two years from the date of this action, and permitting the area so used to be as indicated on plans marked "Received September 19, 1934" having a total frontage of 164.17 ft. on Sutphin boulevard and 128.77 ft. on 111th avenue, *on condition* that the accessory buildings shall be located toward the centre of the plot as indicated and shall not exceed those now in place consisting of one-story office and a one-story laundry; that there shall be erected on the interior lot lines a masonry wall not less than 8 feet in height that there shall be not more than four (4) open grease pits; that the gasoline pumps shall not be nearer than 10 feet from the street building lines; that the entire area shall be graded substantially to the level of Sutphin boulevard and shall be cement paved for the area from Sutphin boulevard to the rear of accessory buildings; that the balance of the premises shall be cement or asphalt paved or surfaced with cracked bluestone bound with a suitable binder; that there shall be erected along the 111th avenue frontage on the street line a concrete curb not less than 12 inches in width nor less than 5 in. in height, continuously from the southerly interior lot line to a point within 30 feet of the corner formed by the intersection of Sutphin boulevard and 111th avenue; that there shall be a similar curb located at the corner so formed, of not less than 5 feet in length in either direction; that there shall be a similar curb erected continuously along Sutphin boulevard with not over three (3) openings therein, each opening not to exceed 30 feet in width and with the easterly opening not nearer than 5 feet to the interior lot line and that opposite these openings curb cuts shall be erected not exceeding 35 feet in width each; that advertising shall be confined to the illuminated globes of the pumps and to permanent flat signs attached to the accessory buildings, eliminating all roof signs and signs of a temporary nature; that no automobile repairing shall be permitted on the premises; that no portable gasoline pumps shall be used on or from the premises; that no open flame shall be permitted on the premises and no parking of cars permitted on the premises; that all permits required shall be obtained within three months and all work completed within six months from the date of this amended resolution.

334-34-BZ.

APPLICANT—John F. Meehan, for Fred Starke, owner.

SUBJECT—Application (re decision of commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence use and also "F" district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens.

APPEARANCES—

For Applicant: John F. Meehan, Daniel Marshall, Fred Starke.

For Opposition: Louis J. Gold, Edmund G. Bill, William C. Young, R. Doughty, Edward A. Von Sothern.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(334-34-BZ)

WHEREAS, John F. Meehan, for Fred Starke, owner, filed November 27, 1934, an application under the building zone resolution to permit partly in a business district and partly in a residence use and also "F" area district the erection and maintenance of a gasoline service station; premises northwest corner of Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Borough of Queens; and

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WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 12, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Hollis avenue is in business use and D area district; 205th street is in residence and business use, also D and F area districts; 204th street is in residence and business use, also D and F area districts; and

WHEREAS, the decision of the Commissioner of buildings, rendered January 3, 1935 (re App. No. 1791-1934), reads:

"The erection of a gasoline service station in a business district and extending partly in a residence "F" district is contrary to sec. 3 and 4 of the zone law."; and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on Hollis avenue and 110 ft. on 205th street. It is part of a larger plot which has a frontage of 200 ft. on Hollis avenue. The north part of the premises in question extends into the residence use and "F" area district for a distance of 10 ft., the remainder of the plot is in a business use and "D" area district. Proposes to erect on the site a one-story structure, 72 ft. by 26 ft. 8 in. in area, to be used as auto laundry, office and greasing room and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION

Cal. No. 334-34-BZ.

Premises northwest corner Hollis avenue and 205th street (Block No. 1856, part of Lot No. 28), Hollis, Queens.

This is an application under section 21 for a zoning variation to permit a gasoline selling station on a plot mainly in an area zoned for business use but partly in a residential "F" area. The premises are on the southerly side of Hollis avenue, 100 ft. by 110 ft. in area and represent one-half of the block front between 204th street and 205th street, all under the same ownership. The same owner also owns plot and store building across Hollis avenue in Block 1881, Lots 306 to 310, in which he maintains a hardware and housefurnishing store. The consents indicated on the diagram covering these plots are the consents of this owner, consenting to his own application for a non-conforming use. This owner has been using the plot under appeal for a nursery and garden furniture business in conjunction with his store. It is still being so used except that the owner is now also using it for the storage of second-hand lumber.

Except for a few vacant plots, the entire section is built up and is a section of private homes. The residential area immediately adjoining is zoned as "F", the most restricted possible under the zoning resolution. The neighborhood business area, along Hollis avenue and Cross Island boulevard, two blocks to the east, is well rented. There are very few store vacancies.

The presence of the public school and playground on 204th street, occupying the entire Block 1855 except for the block front on Hollis avenue to the depth of 140 ft., precludes the westerly portion of the plot under appeal from being used as a gasoline station. The usual markers "School Street" appear on Hollis avenue at the curb opposite the plot under appeal.

A committee of the board inspected the site and the surrounding area on March 7th. The committee is very familiar with this area because of an application for a gasoline station at the southwest corner of Hollis avenue and Cross Island boulevard, which was denied under Cal. No. 148-33-BZ, and although the Supreme Court reversed the board's decision, the Appellate Division has recently reversed the lower court and affirmed the board's denial.

While every application must be considered on its own merits, there must be some degree of consistency in the decisions in cases relatively adjacent. Nothing appears as a hardship in this present case to justify a favorable decision that differs from the Cross Island corner. In fact, there is less to consider as pointing toward hardship. The plot in question is being used for a conforming use. It may not be as profitable as was expected, but in the opinion of the committee the plot is adapted for a conforming building, either for business only or for business and residence. There is nothing apparent to lead to any conclusion that such a building could not be maintained in view of the development of other business frontages adjacent and the well developed residential area as a contributing background.

The objections come from those most affected, namely, residents in the highly restricted "F" district. They are entitled to rely on the zoning resolution and the assurance that this business area will be used for conforming uses. Because of the school being so near, the presence of a gasoline station is objectionable.

In the opinion of the committee there is no hardship within the meaning of the zoning resolution. This owner purchased this property on very favorable terms as a speculation and now, apparently, finds that a gasoline station would be more profitable than the use he has been making of the property. Such a use would cause far more hardship on the adjoining owners and depreciation of their property values than the corresponding advantage to this particular owner. There is no need of additional gas stations; the area is adequately served by the two existing on the northerly corners of Cross Island boulevard, two blocks to the east.

The committee recommends denial.

(Signed) HARRIS H. MURDOCK, Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, the committee recommended the denial of the application and the board deemed that applicant had failed to substantiate his basis of appeal under section 21,—practical difficulties and unnecessary hardship, and, therefore, is not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

722-23-BZ.

APPLICANT—James Kearney, for Julia Hirsch, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing garage for more than five (5) motor vehicles (said garage previously granted by the board) so as to include a gasoline service station (reopened October 2, 1934).

PREMISES AFFECTED—2235 Webster avenue, southwest corner of East 182nd street (Block No. 3143, Lot No. 65), The Bronx.

APPEARANCES—

For Applicant: James Kearney.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

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THE RESOLUTION—

(722-23-BZ)

WHEREAS, the application affecting premises southwest corner of Webster avenue and 182nd street (Block No. 3143, Lot No. 65), Borough of The Bronx, to permit in a business district the erection and maintenance of a garage for the storage of more than five motor vehicles was granted by the board October 30, 1923, on certain conditions and the building has been erected; and

WHEREAS, James Kearney, for the present owner, Julia Hirsch, requested a reopening of the case and an amendment of the resolution to permit under section 21 the alteration and change of occupancy of a portion of this building into a gasoline service station; and

WHEREAS, this case was reopened by vote of the board October 2, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 12, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Webster avenue is in a business district; East 182nd street is in business and residence districts; Folin street is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered September 15, 1934 (re Alt. App. No. 467-1934) reads:

"1. Proposed alteration and conversion of existing garage for more than five motor vehicles in business district to be used in part as gasoline service station is contrary to provisions of building zone resolution."

and

WHEREAS, the building is of fireproof construction two stories in height, with a frontage of 120 ft. on Webster avenue and 95 feet on E. 182nd street; occupied as a garage for more than five motor vehicles; it is proposed to alter the Webster avenue front and part of the East 182nd street front of the first story of the existing garage and to install therein a gasoline service station having a frontage of 110 ft. on Webster avenue and 21 ft. 9 in. on East 182nd street, and also to build a new ramp at the west end of the East 182nd street front of the structure, leading from the street to the second story of the garage; the existing ramp leading from Webster avenue to the second story to be removed; and

WHEREAS, the board deemed that applicant had substantiated the basis of his appeal under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution adopted October 30, 1923, by the addition of the following:

That a gasoline selling alcove may be constructed on the Webster avenue frontage, substantially as indicated on plans filed with this application for reopening, marked "Received October 23, 1934," on condition that a masonry wall shall be constructed at a point approximately 22 feet from the Webster avenue building line and parallel thereto and extending from the street floor to the underneath side of the second floor fireproof construction; that any windows in this wall shall be of metal frames and sash and glazed with wire glass; that the automobile entrance doors to the garage shall not exceed two (2); that any greasing pits that are installed shall be toward the southerly end of the plot screened by a wall erected on the building line for the full height of the story; that any windows in this wall shall be of metal frames and sash and glazed with wire glass; that the wall at the northerly end of this alcove along 182nd street (also known as Folin street) shall not be removed to the corner formed by the intersection of Webster avenue and East 182nd street, but there may be installed in this wall, an opening not more than 15 feet in width, provided the sill of this opening is not less than 5 feet above the grade of Webster

avenue; that the ramp from East 182nd street toward the rear may be constructed, provided it shall extend in for a distance of approximately 20 feet at the approximate level of the curb at that point before the start of the ramp to the second story; that there may be a stairway constructed from the main floor to the ramp platform, that the ramp shall be entirely separated from the main floor with fireproof construction, with not more than one fireproof door 3 ft. wide leading to same from such stairway; that the boiler room shall be entirely cut off with fireproof material from the balance of the building and enterable only from the exterior of the building; that no additional gasoline tanks shall be installed; that the gasoline pumps may be erected as indicated, adjacent to the proposed wall; that no portable gasoline pumps shall be used on or from the premises; that advertising shall be limited to the illuminated globes of the pumps and to one bracket illuminated sign extending over the building line adjacent to the corner of Webster avenue and East 182nd street, advertising only the gasoline for sale; that no automobile repairing shall be carried on except such as may be done with manual tools; that prior to filing plans with the commissioner of buildings, plans shall be filed with the chairman of this board and approved by him in behalf of the board; that curb cuts shall not be extended beyond those existing, except one additional curb cut on East 182nd street opposite the proposed ramp; that all permits required shall be obtained within six months and all work completed within one year from the date of this amended resolution.

387-33-BZ.

APPLICANT—William Mulligan, owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a residence district the alteration and change of occupancy to an existing dwelling so as to include a business use (store) for a temporary period of one (1) year.

PREMISES AFFECTED—122-12 25th road (Block No. 218, Lot No. 29), College Point, Borough of Queens.

APPEARANCES—

For Applicant: William Mulligan.

ACTION OF BOARD—Application reopened and permit extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND PERMIT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(387-33-BZ)

WHEREAS, this application affecting premises 122-12 25th road (Block No. 218, Lot No. 29), College Point, Borough of Queens, was granted by the board April 10, 1934, for a temporary period of one year and applicant requests an extension of permit.

Resolved, that the Board of Standards and Appeals *does* hereby *reaffirm* the resolution adopted by the board on April 10, 1934, permitting a portion of the first floor as indicated on plans marked "Received December 29, 1933", to be used as a grocery store for an extended period of one year from the date of this amended resolution, on condition that there shall be no structural alterations made to the exterior of the building; that this store shall be used only for the sale

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of groceries and newspapers, excluding the sale of all material of an inflammable nature and also excluding the sale of fish and delicatessen; that no sign shall be displayed on the exterior of the building or on the premises other than a neat sign painted on the window; that there shall be no display of goods outside the building on the premises; that this variance is granted for the above-stated period of one year on the understanding it will be discontinued after the expiration thereof.

108-26-BZ.

APPLICANT—Eugene De Rosa, for Emerdyck Realty Corp., owner.

SUBJECT—Application for reopening—extension of time to obtain permits and complete work—re Application (decision of commissioner of buildings) under sections 7-b and 21 of the building zone resolution, to permit the extension from a business district into a residence district of a proposed theatre building.

PREMISES AFFECTED—4919-4923 Broadway (Block No. 2241, Lot Nos. 25, 26 and part of Lot No. 28), Manhattan.

APPEARANCES—

For Applicant: Eugene De Rosa.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(108-26-BZ)

WHEREAS, this application affecting premises 4919-4923 Broadway (Block No. 2241, Lot Nos. 25, 26 and part of 28), Borough of Manhattan, was granted by the board June 12, 1934, on certain conditions and applicant requested an extension of time.

Resolved, that the resolution adopted by the board on June 12, 1934, be and it hereby is amended so that all plans shall be filed with and approved by the commissioner of buildings within two months and that all work shall be completed within one year from the date of this amended resolution, on condition that other than as amended herein the resolution adopted by the board on June 12, 1934, shall be complied with in all respects.

159-23-BZ.

APPLICANT—Bly and Hamann, for Consolidated Motor Parts, Inc., lessee.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 7g of the building zone resolution, permitting in a business district the erection and maintenance of a garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—114-134 Empire boulevard (Block No. 1313, Lot No. 36), Brooklyn.

APPEARANCES—

For Applicant: J. H. Hamann.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(159-23-BZ)

WHEREAS, this application affecting premises 114-134 Empire boulevard (Block No. 1313, Lot No. 36), Borough of Brooklyn, was granted by the board May 29, 1923, on certain conditions, and present lessees, through their architect, requested an amendment of the resolution which was granted by the board October 9, 1934, and applicant now requests a further amendment.

Resolved, that the Board of Standards and Appeals does hereby amend the resolution adopted by the board on May 29, 1923, by adding thereto the following paragraph:

"... that the westerly portion of this garage, with a frontage of 90 ft. and a depth of 100 ft., may be used as a sales store and machine shop for auto parts in place of the public garage, variance of which was hereinbefore granted, on condition that this portion of the building will not be used for automobile repairing; that any skylights erected in the roof shall be of metal, glazed with wire glass; that no part of any skylight shall be nearer than 7 ft. to the rear lot line wall; that all openings in the division wall between this portion of building used for storage and sales of auto parts and machine shop and the easterly portion used as public garage, shall be blocked up with approved masonry; that nothing in this amended resolution shall be inconsistent with the structural and fire protection requirements in the resolution adopted on May 29, 1923."

APPEALS FROM ADMINISTRATIVE ORDERS.

216-34-A.

APPELLANT—George R. Strehan, for A. R. Haeuser Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner. PREMISES AFFECTED—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of the fire department.

ACTION OF BOARD—Laid over to April 2, 1935, at 2 P. M. upon written request of appellant.

19-35-A.

APPELLANT—Office of Henry T. Child, architects, for Kellerstein & Steger, lessees.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.

APPEARANCES—

For Appellant: Sidney Schleman.

For Administration: Inspector Meyer of the fire department.

ACTION OF BOARD—Laid over to March 26, 1935, at 2 P. M. for appellant to procure certificate of occupancy from commissioner of buildings.

41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners, against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

MINUTES

APPEARANCES—

For Appellant: None.
For Owner of Premises: None.
For Administration: None.

ACTION OF BOARD—Laid over to March 26, 1935, at 2 P. M.

344-34-A.

APPELLANT—Sun Klean Chemical Co., Inc., owner.

SUBJECT—Request for reopening—restoration to calendar, having been previously dismissed—re Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

APPEARANCES—

For Appellant: Samuel R. Buxbaum.
For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Request to reopen, denied.

THE VOTE TO REOPEN—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

10-35-A.

APPELLANT—Benjamin Glaser, for American Spraying Co., lessee.

SUBJECT—Request for reopening—restoration to Calendar, having been previously withdrawn—re Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—133 West 25th street (Block No. 801, Lot No. 19), Manhattan.

APPEARANCES—

For Appellant: Samuel G. Rabinor.
For Administration: Inspector Meyer of the fire department.

ACTION OF BOARD—Request to reopen, withdrawn to comply.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

278-34-A.

APPELLANT—David Kaufman, for Vapofier Corp., lessee.
SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—103-125 Eighth avenue, northwest corner of West 15th street (Block No. 739, Lot No. 1), Manhattan.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Appeal withdrawn upon written request of appellant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

22-35-A.

APPELLANT—Ansonia Fire Prevention Eng. Co., Inc., for Wesleyan University, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—West side of Beach 35th street, 20 ft. north of Boardwalk (Block No. 10, Lot No. 1), Far Rockaway, Borough of Queens.

APPEARANCES—

For Appellant: Herman E. Horwood.
For Administration: Inspector Edward J. Durnall of department of buildings.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(22-35-A)

WHEREAS, The Ansonia Fire Prev. Eng. Co., Inc., for Wesleyan University, owner, filed January 23, 1935, an appeal from a decision of the commissioner of buildings affecting premises W.S. of Beach 35th street, 20 ft. No. of Boardwalk (Block No. 10, Lot No. 1), Far Rockaway, Borough of Queens (Edgemore Club Hotel); and

WHEREAS, the decision of the commissioner of buildings, dated January 21, 1935, reads:

"1. Install an approved automatic sprinkler system to cover the entire premises, in accordance with Sec. 20 Ch. 12 of the code of ordinances and the rules of the Board of Standards and Appeals. Plans to be filed with the department of buildings, Queens.

"2. Arrange the present 4 in. standpipe system installed in the above premises to conform with Chapter 5, Section 580 and 581 of the code of ordinances and the rules of the Board of Standards and Appeals. Plans to be filed with the department of buildings, Queens."

and

WHEREAS, the building is of frame construction, 6 stories and pent house (72 feet) in height, 336 feet 8 inches by 110 feet in area at first story and 316 feet 2 inches by 110 feet in area above; OCCUPIED as a Summer hotel, 176 sleeping rooms and 101 bath rooms, located within a business district; and

WHEREAS, the appellant claims the building was erected in 1890, provided with adequate exits: three interior stairways and seven exterior iron fire escapes; equipped with a dry standpipe system consisting of two 4-inch risers in the public hallway extending up to sixth story and 4-inch cross connection below first story, fed from a siamese connection at the front of the building; item 1 is a discretionary order and not specifically required under the code of ordinances; however, it is proposed to provide a fire retarded enclosure for both the northerly and the southerly interior stairways and a watchman's clock system with stations and regular patrol at all hours during the night; as to item 2, it is proposed to provide a 4-inch connection from the City water main to the existing dry standpipe system, there is 40 to 45 pounds water pressure at the main as stated in letter of January 18, 1935, from department of water supply, gas and electricity; sprinkler heads will be provided in the kitchen; all other items of the order will be complied with; the building has been used practically the same as at present since its erection; there is no regular heating system installed and the building is only open from Decoration Day until the 1st of October; furthermore, the appellant contends that strict compliance with the orders would be a great hardship, the cost of installing the sprinkler system alone would cost \$35,000; and

WHEREAS, it appeared that additional violations were being prepared by the commissioner of buildings, against these premises, which had not yet been filed; and

WHEREAS, the board deemed that this appeal should be denied without prejudice to a request for reopening and further consideration of the case when these violations have been filed and incorporated in the appeal, which violations the board requests the commissioner of buildings to issue without delay.

MINUTES

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and the appeal be and it hereby is *denied* without prejudice to renewal when additional violations are filed.

32-35-A.

APPELLANT—David Kaufman, for Harnat Cafeteria, lessee.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—404 Sixth avenue (Block No. 572, Lot No. 2), Manhattan.

APPEARANCES—

For Appellant: David Kaufman.

For Administration: Inspector Maher of bureau of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

THE RESOLUTION—

(32-35-A)

WHEREAS, David Kaufman, for Harnat Cafeteria, lessee, filed February 6, 1935, an appeal from an order of the commissioner of buildings affecting premises 404 Sixth avenue (Block No. 572, Lot No. 2), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, dated January 25, 1935, rendered on acting on a request of appellant reading:

"I wish to amend Fire Prevention No. 347-34 to show a Kelvinator Burner No. 105-34-SA attached to boiler located in cellar and connected to the existing 275 gallon tank," reads:

"This amendment is disapproved with the following objection:

1. Proposed changes to approved plan are contrary to the interest of public safety, Sec. 10, Chap. 10, code of ordinances, Oil Burner Rule 16."

and

WHEREAS, the building is non-fireproof, 3 stories in height, 20 ft. 3 in. by 77 ft. 4 in. in area; OCCUPIED: cellar, storage; 1st story, restaurant, 6 persons; 2nd story, vacant; 3rd story, photo studio, 2 persons; located within a business district; and

WHEREAS, the appellant claims that under Plan No. 347-34 of fire prevention bureau, approved by the commissioner of buildings, an oil burning system was installed, consisting of an Oronoque oil burner placed in a Holmes cooking range located in kitchen of 1st story connected with a 275 gallon storage tank in cellar above the floor, about 3 feet in length of the feed line at the pump is of $\frac{3}{8}$ inch pipe; thereafter, the latter part of 1934, a Kelvinator oil burner, Model K, was installed in an existing boiler located in the cellar and connected with the same 275 gallon storage tank which feeds the Oronoque burner, two fire pails of sand are provided at each burner; the appellant requested the withdrawal of Order No. 18814-F originally filed as the basis of this appeal and substitutes a decision of the commissioner of buildings, dated January 25, 1935 for the basis of this appeal; furthermore, Sec. 10, Chap. 10 of the code of ordinances reads as follows:

"Except as otherwise provided in this chapter, no person shall conduct a hazardous or dangerous industry, trade, occupation or business, requiring the storage, sale or use of any explosives, inflammable, combustible or otherwise dangerous substances, article, compound or mixture, without a permit, issued upon such conditions as are deemed by the fire commissioner necessary in the interest of public safety."

It is the appellant's contention that the code of ordinances in this section gives express authority to the fire commissioner only, and to no other authority, to issue permits for fuel oil installations after he has ascertained that all the conditions in the interest of public safety have been complied with to his satisfaction. The appellant claims that the fire commissioner is satisfied that all the requirements imposed by the oil burner rules of the Board of Standards and Appeals have been complied with on these premises and he has therefore issued Combustible Permit No. 13040 for the storage and use of 275 gallons of fuel oil, whereas, Oil Burner Rule 16 of the Board of Standards and Appeals states that:

"When, for any reason, it may be impractical to comply strictly with the foregoing rules, or when additional protection is necessary, the administrative official shall have power to accept substitute methods so that the spirit and substance of these rules shall be complied with."

the fire commissioner has deemed that the fuel oil equipment as installed complies fully with the oil burner rules and has issued a combustible permit, therefore the appellant contends that no other administrative official should impose any other requirements.

Resolved, that the decision of the commissioner of buildings re Fire Prevention Plan No. 347-34 be and it hereby is *modified*, and the appeal be and it hereby is *granted on condition* that the equipment shall comply with the oil burner rules of the Board of Standards and Appeals and permitting both burners to be supplied from the one tank; that nothing herein contained shall in any way be deemed to interfere with the discretionary power of the commissioner of buildings under Rule 16 to require additional fire-retarding as he may consider necessary.

38-35-A.

APPELLANT—John J. Gilmartin, for Fred'k. Fox & Co., Inc., agents for Preston Realty Corporation, owner.

SUBJECT—Appeal from orders and a decision of the commissioner of buildings.

PREMISES AFFECTED—225-227 West 36th street (Block No. 786, Lot No. 29), Manhattan.

APPEARANCES—

For Appellant: John J. Gilmartin.

For Administration: Inspector Maher of the department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

THE RESOLUTION—

(38-35-A)

WHEREAS, John J. Gilmartin, for Fred'k. Fox & Co., Inc., agents for Preston Realty Corporation, owner, filed February 7, 1935, an appeal from orders and decision of the commissioner of buildings, affecting premises 225-227 West 36th street (Block No. 786, Lot No. 29), Borough of Manhattan; and

WHEREAS, Order No. 17386-F, dated November 8, 1934, reads:

"1. Arrange the house water supply pipe so that same will connect with tank on the outside thereof above the 3,500 gallon mark only.

"2. Provide adequate heating apparatus for standpipe tank to prevent water in same from freezing.

"3. Provide a steam or electric feed pump of sufficient capacity to deliver 65 gallons of water per minute at the standpipe tank.

"4. Provide a high and low water closed circuit electric alarm for standpipe supply tank."

and

MINUTES

WHEREAS, Order No. 17388-F, dated November 8, 1934, reads:

"1. Raise the standpipe gravity tank so that the bottom of said tank is not less than 20 ft. above the hose outlet of highest story and properly support same, as per Section 580-1, Chapter 5, code of ordinances and rules of the Board of Standards and Appeals."

and

WHEREAS, the decision, rendered February 4, 1935, reads:

"In reference to your request for reconsideration on Orders 17386-F and 17388-F, issued against the standpipe system installed at the above premises, you are advised that as the building exceeds 85 ft. in height your request must be denied."

and

WHEREAS, the building is fireproof, 7 stories (87 ft.) in height, 36 ft. 9 3/5 in. by 98 ft. 9 in. in area at 1st story and 36 ft. 9 3/5 in. by 88 ft. 10 in. in area above; OCCUPIED: Cellar and first story, restaurant, 50 persons each story; second story, salesroom, 5 persons; upper stories, manufacture of dresses, 30 persons per story, located within a business district; and

WHEREAS, the appellant claims the building was erected in 1903, no certificate of occupancy issued, equipped with a standpipe system, consisting of one 4-inch riser fed from a 4500-gallon house supply roof tank, the bottom of which is about 10 ft. 6 in. above the highest hose outlet, the standpipe riser is fed through a 2 1/2 inch line from bottom of tank to top of riser with check valve against siamese connections at street front; the tank is supplied through a 1 1/2 inch line direct from the street water main and kept filled by means of a ball float, cock-valve which maintains a constant water level; as to Order No. 17388-F and Item 1 of Order No. 17386-F, it is proposed to re-arrange the house supply pipe on outside of tank so as to provide 3,000 gallons reserve solely for standpipe purposes; as to Items 2, 3 and 4, the present standpipe system was installed under the approval of the department having jurisdiction, these items were not required at that time; furthermore, the building is only two feet above the height where a standpipe system would not be required.

Resolved, that the orders of the commissioner of buildings, Nos. 17386-F and 17388-F, be and they hereby are *modified*, and the appeal be and it hereby is *granted*, permitting the gravity tank to remain at its present height, *on condition* that the bottom of the tank is not less than 10 ft. 6 in. above the highest outlet, waiving the requirements for installation of electric feed pump and the high and low-water alarm, in view of the fact that this was a voluntary installation in 1903 and exceeds by only two (2) feet the present 85 ft. limitation, permitting feed line of 1 1/2 in. diameter from the street main to the tank and the 2 1/2 in. line from the tank connecting with the 4 in. standpipe line at the top floor; *on further condition* that other than as modified herein the requirements of Rule 91 of the Standpipe-Fire Line Rules of the Board of Standards and Appeals shall be complied with in all respects.

42-35-A.

APPELLANT—John M. Baker, for Anna Zaccaro, owner.
SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—50-18 Vernon boulevard, northwest corner of 51st avenue (Block No. 33, Lot No. 1), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: John M. Baker.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4

Negative 0
Absent 0

THE RESOLUTION—

(42-35-A)

WHEREAS, John M. Baker, for Anna Zaccaro, owner, filed February 18, 1935, an appeal from a decision of the commissioner of buildings, affecting premises 50-18 Vernon boulevard, northwest corner 51st avenue (Block No. 33, Lot No. 1), Long Island City, Borough of Queens; and

WHEREAS, the decision of the commissioner of buildings, rendered February 14, 1935, re App. No. 5276-1934, reads:

"The use of second floor for dress goods or clothing manufacturing is contrary to Chapter 10, Section 151, of Art. II of the code of ordinances."

and

WHEREAS, the building is fireproof, two stories, 27 ft. in height, 50 ft. by 100 ft. in area; OCCUPIED: Cellar, boiler room; 1st story, storage garage for more than five (5) cars, 3 persons; 2nd story, garage, one person; located within an unrestricted district; and

WHEREAS, the appellant claims the building was originally erected one story in height in 1928, altered in 1931 by constructing a second story, the superintendent of buildings then issued certificate of occupancy No. 2109, dated November 22, 1931, permitting the use of the premises for garage purposes only; business began to decrease in 1932 and later resulted in a substantial deficit, consequently the owner decided to alter the existing brick building, which at present is provided with an interior steel stairway from first story to second story with entrance from 51st avenue, enclosed in 6-inch terra cotta block partitions on each side and open under stair soffit, with door opening at first and second stories, a counterbalanced stairway fire escape on 51st avenue front and second story; there is a small fireproof cellar at the southwest corner of the building used for boiler room with an independent exterior entrance from 51st avenue; the rest of the first story floor is of concrete over earth; the second story floor is of reinforced concrete construction supported by steel girders, protected by fireproof covering, the steel columns on first story are unprotected, the main roof is of wood beams set on bottom flanges of steel girders and ceiling is fire-retarded according to law; all windows are provided with steel sash; under Alt. No. 5276 of 1934 the owner proposed to extend the existing interior steel stairway to roof enclosed entirely with 6-inch terra cotta block partitions with a fireproof self-closing door opening to second story, close up the door opening to first story, fire-retard the soffit of first story stairs, construct an additional interior iron stairway leading from Vernon boulevard front to second story, enclosed entirely with 6-inch terra cotta block partitions with one fireproof self-closing door opening to second story, and also to protect steel columns at first story with approved fireproof material; the above proposed alteration was approved August 23, 1934, by the commissioner of buildings for garage use on first story and light manufacturing on second story; the work has not been started due to the fact that no satisfactory tenant could be found except a manufacturer of ladies' waists, dresses, cloaks or clothing, amendment for such use was made to the approved Alt. No. 5276 and disapproved February 14, 1935, by the commissioner of buildings and which is the subject of this appeal; the appellant contends that due to the separation of the garage occupancy on first story from other parts of the building by fireproof construction, the three independent means of exit from second story in addition to the stairway extension to roof and safe exit to adjoining roof at north, 3 ft. higher, and to adjoining roof at west, 2 ft. lower, there would be no fire hazard created; furthermore, the proposed change of occupancy would increase the income to a paying basis; if not permitted to make such change of occupancy, the owner will suffer a great hardship as the business cannot continue under present conditions.

MINUTES

Resolved, that the decision of the commissioner of buildings rendered in connection with App. No. 5276-1934 be and it hereby is *modified*, and the appeal be and it hereby is *granted* to permit the occupancy of the second story for the use as proposed, namely, manufacturing of dress goods and clothing, on condition that the storage room shown on plans filed with this appeal shall be eliminated and that the entire second floor shall be used for one occupancy, and that all work indicated on this plan shall be carried out; *on further condition* that the soffit of the proposed new stairway to Vernon avenue shall be protected with book-tile, supported by angles or channels, such book-tile to be not less than three inches in thickness; that the free-standing columns on the first story shall be fireproofed with not less than two inches of approved fireproofing; that the boiler room shall be completely cut off from the balance of the building with fireproof material and enterable only from the exterior; that the building shall in all other respects comply with the requirements of all laws and regulations applicable thereto, including the State Labor Law, except that the fireproofing on the second floor beams and girders may be one and one-half inch in thickness; that the doors to the elevator shaft shall be approved, fireproof, self-closing doors at all interior openings; that there shall be but one doorway opening into the stairway to the rear from the second story, the door now shown as opening into the storage space to be blocked up and that such auxiliary fire-fighting appliances shall be installed as the commissioner may direct.

APPLIANCES SUBMITTED FOR APPROVAL.

30-35-SA.

PETITIONER — Apollo Magneto Corp., for John K. Lencke, owner.

SUBJECT—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve, approval of.

APPEARANCES—

For Petitioner: John K. Lencke.

ACTION OF BOARD—Petition placed on reserve calendar, referred to engineer of the board, for test and report.

102-33-SA.

PETITIONER—William V. McDevitt, for Motor Wheel Corporation, for Oil Burners Builders, Inc., owner.

SUBJECT—Everedy Oil Burner—Application for reopening—amendment—additional name.

APPEARANCES—

For Petitioner: William V. McDevitt.

ACTION OF BOARD—Petition reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney

4

Negative

0

Absent

0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kinney

4

Negative

0

Absent

0

THE RESOLUTION—

(102-33-SA)

WHEREAS, M. J. Sage, for Everedy Oil Burner Corp., owner, filed, March 15, 1933, a petition with the Board of Standards and Appeals for approval of their device known as the Everedy Oil Burner; and

WHEREAS, this device was submitted to the fire department for test and report, and due to a change in the law the bureau of fire prevention has been transferred to the department of building, and a report of the engineer of the board, dated July 14, 1933, supplementing a report of the

chief of the divisions of fire prevention, recommends the approval of this device; and

WHEREAS, the device was approved by the board July 14, 1933, and present owner, the Oil Burner Builders, Inc., through their agent William V. McDevitt requested permission to market this burner under the additional name of "M. W. Emancipator."

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Everedy Oil Burner, for use in domestic and commercial installations when installed in accordance with the fuel oil rules of the Board of Standards and Appeals and the report of the engineer of the board.

Resolved, further, that this burner may also be marketed under the name of the "M. W. Emancipator" oil burner, *on condition* that there shall be permanently attached to each oil burner a label reading as follows:

NOTICE

APPROVED BY THE BOARD OF STANDARDS
AND APPEALS
FOR USE IN NEW YORK CITY
UNDER CAL. NO. 102-33-SA."

256-34-SA.

PETITIONER—Lee A. Kelly, for Standard Sanitary Mfg. Co., owner.

SUBJECT—"Standard" One Piece (Water) Closet Combination, approval of.

APPEARANCES—

For Petitioner: Lee A. Kelly.

ACTION OF BOARD—Appliance approved in accordance with the report of the engineer of the board and chief inspector of plumbing, department of buildings.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney

4

Negative

0

Absent

0

THE RESOLUTION—

(256-34-SA)

WHEREAS, Lee A. Kelly, for Standard Sanitary Mfg. Co., owner, filed, September 5, 1934, an application with the Board of Standards and Appeals for approval of their device known as the Standard One-piece (Water) Closet Combination; and

WHEREAS, the device was submitted to the engineer of the board and the plumbing division of the department of buildings for test and report; and

WHEREAS, the report of the engineer of the board and of chief inspector of the plumbing division of the department of buildings, Manhattan, was substantially as follows:

"The water closet unit in question consists of a wash-down water closet bowl and flush tank cast in one piece of vitreous china, which conforms to the plumbing rules of the City of New York, except that the flush tank of this combination has a water holding capacity of but 3½ gallons, measured to the tank overflow level, instead of having a capacity of eight (8) gallons as required in Section 149 of the Plumbing Rules.

"In the pent house apartment we tested one of the 'Standard' units by casting wads of toilet paper into the water closet bowl and operating the flushing apparatus. This operation was repeated with a wad of newspaper and evidently, due to some obstruction in the water closet bowl, the trap clogged at each of the two operations of the flushing apparatus, and due to this cause further testing of this unit was abandoned.

"Another 'Standard' unit in another bathroom in the apartment was tested in the same way as described above, and although, due to its close proximity to the roof tank, the flush tank was slow filling, with the operation of the flushing apparatus the water closet bowl was adequately flushed.

MINUTES

"The ball cock of the water supply has refill and vacuum breaker to prevent possible water supply contamination. The water seal is insured by the use of a specially designed flush valve and also refill tube discharges into the integral overflow, and the holes of the flushing rim of the closet bowl and below the seat of the flush valve.

"In view of the above it seems that although the flush tank of the 'Standard' one piece closet has a water holding capacity of but $3\frac{1}{2}$ gallons, the capacity of the said tank is adequate for flushing purposes and it is fair to assume that the water closet unit would be suitable for use in the City of New York.";

and

WHEREAS, applicant filed additional information as to the capacity of the tank indicating that an additional amount of water is furnished by the inlet valve during the operation of the flushing of the device.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as "Standard" One Piece (Water) Closet Combination, as manufactured by the Standard Sanitary Manufacturing Co., for use in New York City on condition that it comply with the Plumbing Rules of the Board of Standards and Appeals in all respects, except as to Section 149 thereof, and permitting the tank of this fixture to be accepted, provided the minimum capacity is not less than $3\frac{1}{2}$ gallons.

3-35-SA.

PETITIONER—Harry T. Clark, for Yorktown Oil Burner Co. Inc., owner.

SUBJECT—Yorktown Oil Burner, Model A, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with the report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(3-35-SA)

WHEREAS, Harry T. Clark, for Yorktown Oil Burner Co. Inc., owner, filed January 7, 1935, a petition with the Board of Standards and Appeals, for approval of the device known as the Yorktown Oil Burner, Model A; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the mechanical draft pressure atomizing type, designed to burn fuel oils of No. 1-2 and 3 commercial grade. The burner consists of the following assembly:

A Century $1\frac{1}{6}$ h.p. motor; Webster fuel oil units, consisting of pump, strainer and regulating valve; Monarch nozzle and Sirocco type fan.

Ignition—Electric. Webster transformer 110 to 10,000 volts.

Controls—A Time-O-Stat lock switch, Model 77; a Time-O-Stat lock switch, Model 77; a Time-O-Stat stack switch, Model 48-H and an Aquastat, manufactured by Minneapolis Honeywell Company.

The burner is designed for a capacity of 1.65 to 3 gallons per hour oil consumption.

With the oil supply shut off and a cold combustion chamber the burner was operated and on two successive tests the controls shut the burner down in 90 and 93

seconds respectively. The oil supply was then turned on and the burner was operated for approximately one-half hour. During the period of test there were no puff backs, due to faulty ignition, and the flame was free of soot and smoke. Examination of the combustion chamber showed no undue carbon deposits.

As a result of this test and inspection, it is recommended that this burner be approved for domestic, commercial and industrial use when installed in conformity with the oil burner rules of the Board of Standards and Appeals, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as Yorktown Oil Burner, Model A, for domestic, commercial and industrial installations, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 3 and that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. NO. 3-35-SA.

355-34-SA.

PETITIONER—B. I. Stamm, for J. E. Kresky, owner.

SUBJECT—Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with the report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(355-34-SA)

WHEREAS, B. I. Stamm, for J. E. Kresky, owner, filed December 18, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Kres-Kno Range Burner, Model MD, Sizes KR, KRF, KRF-1 and 1-R; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the mechanical draft pot type, and consists of the following assembly: A Robins and Meyer $1\frac{1}{20}$ h.p. motor; a Sirocco type fan; an air duct to the burner unit which consists of a heavy iron casting surrounded by air ports on both sides. On the bottom member the oil line and pilot is centered in the casting by a special rivet which eliminates any foreign matter that may settle in the oil flow. The difference in sizes is only a difference in the lengths of the air chamber of the burners. At the premises where we inspected this burner it was manually operated. The oil supply was by gravity from a six gallon welded steel tank mounted upon three substantial iron legs bolted to the floor.

This burner may also be used in cooking ranges in commercial kitchens and it is suggested that the certain recommendations be carried out in their installation and incorporated upon their instruction card.

This burner is also used in connection with hot water boiler units and when so installed for furnishing hot

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water it is equipped with a Detroit lubricator float valve, Model CR-C 234; A Detroit lubricator solenoid with a by-pass for the oil pilot and the Minneapolis Honeywell immersion type Aquastat. When the heat of the water reaches the point at which the Aquastat is set, the Aquastat closes the Solenoid valve and the burner then operates on a low flame until the temperature in the water falls below the point at which the Aquastat is set.

The controls were tested and found that they functioned as designed namely, that at no time was there an excess supply of oil allowed to flow to the burner.

As these burners were installed in accordance with the provisions of the oil burner rules, adopted by the Board of Standards and Appeals of June 15, 1934, it is recommended that they be approved for domestic and commercial use.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as Kres-Kno Range Burner, Model MD, Sizes KR, KRF, KRF-1 and 1-R, for domestic and commercial use *on condition* that this device shall be installed in accordance with the oil burner rules of the Board of Standards and Appeals and the additional requirements as follows:

1. Only safety cans approved by the New York Fire Department shall be used for the storage and filling of oil tank.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastening as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the firebox of the range or oven shall be securely bolted to the bottom thereof.

4. That dampers in the fire box of the range or oven shall be so fixed that they cannot be fully closed.
5. Storage container shall not be filled in same room when and where burner is in operation.
6. Floor beneath oil burner device shall be protected by a shield of at least ½ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the oven or range in which the device is installed.
7. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE BOARD OF STANDARDS
AND APPEALS

FOR USE IN NEW YORK CITY

UNDER CAL. NO. 355-34-SA

ONLY AN APPROVED SAFETY CAN SHALL
BE USED IN FILLING THIS STORAGE
CONTAINER.

8. The oil supply tank shall be located not less than sixty inches from the range or oven; where this is impossible, the oil supply container shall be protected by a double air spaced metal shield on the side adjacent to the heat producing apparatus.
9. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of section 403 of chapter V of the code of ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
10. The fuel oil used in this device shall be not heavier than No. 3 fuel oil.

Adjourned, 4:15 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

Name of Burner	Calendar No.	Name of Burner	Calendar No.
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Water Heater Assembly.....	250-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Air-O-Flame Range Burner.....	236-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	National Range Oil Burner.....	361-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Quaker Burnoil Stove	11-31-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quick Meal Range Burner.....	304-34-SA
Florence Range Burners.....	219-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hi-Heat Range Burner, Models A and DeLuxe	323-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kolrid Range Burner.....	48-34-SA	Superfex Oil Burning Heater	491-31-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA	Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA
Lynn-Range Burner, Models Junior, Lypré and DeLuxe	238-33-SA		

RULES

STANDPIPE"—"FIRELINE" RULES ADOPTED JUNE 27, 1922; AMENDED MAY 18, 1928;
JUNE 13, 1930; DECEMBER 2, 1930, and JANUARY 9, 1931.

[281-22-SR]

NOTE—In republishing these Rules, no corrections have been made as to departmental jurisdiction, as such may be affected by the McCall Bill known as Chapter 764 of the laws of 1933.

Rule 1. PLANS. A preliminary set of paper plans and cross sections, drawn clearly and distinctly, to a scale of 1/8-inch or, by permission of the Fire Commissioner, 1/4-inch to the foot, for each proposed standpipe (fire line) installation or alteration, shall be submitted to and approved by the Fire Commissioner before the work in connection with the installation is started. Such preliminary plans shall show the size and location of the standpipe (fire line) risers, size and location of siamese and cross-connections, valves, tanks and connections, pumps, hose stations, lengths of hose, etc., and the location of stairways and enclosing partitions in relation to the standpipe risers and hose stations. From these approved preliminary plans, three sets of plans on cloth, in clean and clear detail, shall be filed for final approval by the Fire Commissioner. A certified copy of approved plans shall be forwarded to the Bureau of Buildings by the Bureau of Fire Prevention. Such application and specification forms as may be prescribed by the Fire Commissioner shall accompany preliminary plans. If an automatic sprinkler system is provided throughout the building or in any portion of the building, the plans shall include a note to that effect.

Rule 2. APPROVAL. Before acceptance all standpipe (fire lines) shall be tested, for at least one hour, under a hydrostatic pressure of not less than 300 pounds per square inch at the street siamese, and at each pump supply level, or such additional pressures as may be required to give 100 pounds at the highest hose outlet supplied by such pump, except that when a change is made in a source of supply, or minor changes are made in an existing equipment previously approved, the system shall be tested to a pressure sufficient to give 50 lbs. per sq. in. at the highest story hose outlet. These tests to be made in the presence of a representative of the Fire Prevention Bureau.

No valves, risers, or other material portions of any standpipe (fire lines) equipment shall be covered or permanently concealed until tested and approved, in writing, by the Bureau of Fire Prevention.

When entirely completed in accordance with the approved plans, and as per test herein provided for, application shall be made to the Bureau of Fire Prevention for inspection of the completed installation. When the standpipe equipment is approved, the applicant will be so advised, in writing, by the Bureau of Fire Prevention.

When deemed necessary by the Fire Commissioner, sectional diagrams of the standpipe (fire line) equipment in buildings of large area or height, not more than three in number and printed on cloth in size not less than 8 1/2 x 11 inches, shall be filed by the applicant for the use of fire companies in the district in which the premises are located.

Rule 3. STANDPIPE-FIRE LINE CERTIFICATE.

There shall be an engineer, superintendent or other person in charge of the standpipe-fire line system in all buildings exceeding eighty-five feet in height who shall be registered, and submit to an examination in the Fire Department. Upon evidence of fitness to properly operate and maintain the standpipe system he shall be granted a Certificate to that effect. The certificate shall contain the full name and a small photograph of the holder.

Day and night service shall be maintained in all buildings exceeding 250 feet in height in which there is a fire pump.

Theatre buildings provided with fire pumps shall have at least one certified operator on duty during every performance. Buildings of large areas, industrial plants, amuse-

ment parks, etc., shall have at least one certified operator on duty when deemed necessary by the fire commissioner.

Rule 4. MONTHLY INSPECTION. All valves, hose, tools and other auxiliary fire appliances shall be kept in perfect working order, and at least once a month the person holding certificate of fitness shall make a thorough inspection of all the fire appliances to see that they are in perfect working order and ready for immediate use by the Fire Department. Fire pumps shall be tested every 30 days by the person holding the certificate of fitness.

He shall also instruct all employees under his charge in the use and practice of all auxiliary fire appliances. A detailed record of each inspection shall be kept on the premises for examination by a representative of the Fire Department.

All standpipe equipment in buildings exceeding 85 feet in height shall be subjected, on order of the Fire Department but at least once every two years, to a pressure test of fifty pounds in excess of the pressure due to the water in the standpipe. This test to be applied to the standpipe and fittings in such manner as to prove their suitability for the use of the Fire Department; there shall also be such flow tests as to prove the standpipe, line valves, check valves and siamese connections are free from obstruction and are workable. These tests to be conducted by a representative of the owner of the premises, at the owner's risk, who shall notify the Fire Department at least forty-eight hours prior to the time of conducting the test.

Rule 5. APPROVED DEVICES. All devices approved for use in new standpipe fire line equipments shall bear the manufacturer's name and the date of and the number of the approval. Certified copies of the approval, working drawings and photographs of the device approved, shall be submitted to the administrative authority having jurisdiction for preservation as records and reference data.

Rule 6. ELEVATOR IN READINESS. In every building exceeding 150 feet in height at least one passenger elevator and in buildings in course of construction a hoist or elevator shall be kept in readiness for immediate use by the Fire Department during all hours of the night and day, including holidays and Sundays, and a man competent to operate the elevator shall be present at all times.

Rule 7. AREA OF BUILDINGS. For the application of Section 581 of Chapter 5 of the Code of Ordinances the area of a building shall be taken as the area within the exterior walls, or the area between fire walls.

When the fire walls are constructed in accordance with Section 371, Chapter 5 of the Code of Ordinances, and all openings are protected on both sides of fire wall or walls with automatic fireproof self-closing doors, the area within such fire walls or exterior walls and a fire wall, shall be considered a separate building.

Rule 8. HEIGHT. The term "height" as applied to a building or structure, as described in Chapter 5, Code of Ordinances, means the vertical distance measured in a straight line from the curb level, to the highest point of the roof beams in the case of flat roofs, and to the average height of gable in case of roofs having a pitch of more than 20 degrees with a horizontal plane.

Rule 9. STANDPIPE EQUIPMENT shall consist of a system of piping connected to one or more approved sources of water supply and provided with sufficient number of hose outlets and hose located as hereinafter set forth, to make possible the covering of every portion of each floor area with a standpipe hose stream, except that where the 1st story or basement or both are occupied as stores without connection or communication with the entrance hall or stair enclosure to upper stories, the Fire

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Commissioner may permit the omission of standpipe protection in such stores and, if so omitted, may prescribe such portable protection as he may deem necessary. Cellars, sub-cellars, basements, etc., shall be protected in the same manner as the stories above.

Every standpipe (fire line) equipment shall be a Standard Wet System, except as hereinafter provided for:

(a) In any building not exceeding 40 feet in height, and 20,000 sq. ft. in area, a four-inch street supply system having one four (4) inch direct connection to a street main fed two ways or having one 4-in. direct connection to each of the two street mains on two street fronts, each main so fed that the shutting off of one main will not interfere with the supply of the other main, may be installed, provided there is a sufficient pressure in the street main or mains to maintain a minimum of twenty-five (25) pounds per square inch static pressure at the highest hose outlet.

Evidence establishing the fact that water main conditions and pressures are as required shall be submitted to the Fire Department.

Rule 10. CLASSIFICATION OF STANDPIPE-FIRE LINE EQUIPMENTS. For the purpose of these rules standpipe equipments shall be classified as:

(a) Standard Wet System in which the pipes are of sizes as specified in Section 581 of the Building Code, and in which the system is at all times filled with water from at least one standard source of supply.

(b) Four-inch street connection system, in which the pipes are of sizes as specified in Section 581 of the Building Code and the system is at all times filled with water from one or more 4-in. diameter direct connections to public water mains in the street.

(c) Automatic dry systems, in which the pipes are of sizes as specified in Section 581 of the Building Code, and are normally dry, the system being connected to a source of water supply controlled by an automatic dry pipe valve as defined elsewhere in these rules.

Rule 11. TANKS ABOVE ROOF. Construction shall be as per Section 428 of the Building Code and tank structure and supports shall be approved by the Superintendent of Buildings. The covers of all unenclosed standpipe tanks shall be conical in shape and protected with a type of roofing approved by the Superintendent of Buildings.

Rule 12. RESERVE FOR STANDPIPE. Gravity roof tanks, except as otherwise required by Rule 83, shall contain not less than 3,500 gallons of water at all times, reserved solely for standpipe fire line purposes.

When a gravity tank is to be used for both standpipe and house supply, the connection for the latter shall be made through the side of the tank above the level of the required standpipe reserve. This type of house and standpipe supply tank is preferred and recommended.

When two gravity tanks are used, one for standpipe fire line service and the other for the house supply, the house supply tank may be so arranged that it can only be filled by an overflow from the tank used for standpipe fire line purposes.

Rule 13. STANDPIPE AND SPRINKLER SUPPLIES. Standpipe and sprinkler supply shall not be taken from one tank unless there is available 5,000 gallons of water for the standpipe system which shall be in excess of the amount of water required for the sprinkler system. Standpipe supply shall be taken from the uppermost portion, and through the side of the tank, or through the bottom, provided that portion of the pipe within the tank is of brass or other non-corroding material.

Rule 14. BUILDINGS IN GROUP UNDER THE SAME OWNERSHIP AND OPERATION:

One gravity tank of at least 5,000 gallons water capacity to supply the largest unit of a group of separate and distinct buildings operating under one ownership, and located at such elevation that the bottom of the tank will be at least 20 feet above the roof of the highest building of the group will be

accepted as an adequate tank supply for the entire standpipe equipment provided a dead riser is carried down from the bottom of the tank to an underground header system, having a Post Indicator control valve for each building unit, the P. I. valves to be located as the Fire Commissioner may direct.

Rule 15. UNDERGROUND PIPING. All underground piping shall be extra heavy cast iron installed in accordance with the standard specifications of the American Water Works Association: for 4-inch lines Class C requirement shall be used, 6-inch Class D, 8-inch Class E.

Rule 16. ADDITIONAL TANKS. When in his opinion, the area covered is excessive or the occupancy is such that an unusual fire hazard is introduced, the Fire Commissioner may require additional protection in the nature of additional tank or tanks located remote from any other standpipe tank, or additional water supply in the main gravity tank, or a fire pump and suction tank of size and capacity to be determined by the Fire Commissioner or the Board of Standards and Appeals, or a combination of any of the foregoing supplies.

Rule 17. STANDARD SOURCE OF SUPPLY. Gravity tank located so that the bottom of same will be not less than 20 feet above the roof level and of a capacity as stated elsewhere in these rules and directly connected with the standpipe equipment by pipes of the same diameter as that of the largest riser.

Rule 18. TANK FEED. Tanks shall not be fed through the standpipe fire line, but shall be fed through a separate line at least 2 inches in diameter, discharging into the top of each tank above the overflow level through the side or through the bottom, that portion of the pipe within the tank to be of brass or bronze. An electric or steam pump of sufficient capacity to deliver at least 65 gallons of water per minute at the tank shall be provided, or if the pressure in the service line is sufficient and the plumbing is such that a minimum of 65 gallons of water per minute may be delivered to the tank, connection to the house water service main in the basement, cellar or lowest story may be used instead of pump.

The sprinkler and standpipe tanks may be fed from a common source of supply, either a pump or a direct service main connection, when a ball (float) valve is provided for each tank. Floats shall be of copper.

Rule 19. OVERFLOW. An overflow of diameter at least as large as that of the fill line shall be provided for each roof standpipe tank. The overflow line from all intermediate tanks shall be at least 6 inches in diameter. It may be run through the bottom of the tank, provided it is of brass or bronze and has no joint inside of the tank, otherwise it must be brought through the side of the tank, 12 inches below the top (of sides). Overflows shall terminate in a 90 degree elbow not more than 24 inches above the roof.

Rule 20. EMERGENCY DRAIN. There shall be provided for each tank an emergency drain not less than 4 inches in diameter connected directly to the bottom of the tank or to the standpipe supply line above the tank check and terminating not less than 30 inches nor more than 4 feet above the roof in a horizontal run. Emergency drain shall be provided with a 4-inch O. S. & Y. gate valve located in a readily accessible position not more than 4 feet above the roof.

Rule 21. ELEVATION OF TANK. The bottom of each gravity tank used for standpipe fire line supply shall be at least 20 feet above the level of the roof. When the area of a pent house exceeds 50% of the roof area or when it exceeds an area of 2,500 sq. ft., the bottom of the tank shall be required to be not less than 20 ft. above the level of the pent house roof. In existing standpipe equipment the bottom of the gravity standpipe tank shall not be required to be more than 20 feet above the outlet in the highest story.

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Rule 22. PYRAMID OR TOWER ROOFS. Where the roof of the building is designed so as to finish in a pyramid or tower form, the gravity tank shall be elevated as high as practicable within the pyramid or tower. Provided, however, that in all cases, the gravity tank is not less than twenty (20) feet above the hose outlet in any room or space occupied other than for tank houses, elevator machinery or machine shop for repairing elevator machinery. Fire appliances, as may be required by the Fire Commissioner, shall be provided in such tank houses, elevator machine rooms, etc.

Rule 23. ACCESS TO TANK. Access to the top of each standpipe tank shall be provided by means of an iron boseneck ladder of substantial construction and rigidly braced. Access to the tanks on theatre building shall be from the stage level to the roof by means of double-rung ladders set at an angle of not more than 70°, with intermediate landings every 12 ft. or less.

Rule 24. HIGH AND LOW WATER ALARM. Every gravity tank hereafter installed for standpipe fire line purposes shall be equipped with an electric closed circuit high and low alarm as provided under Rule 88, in order that it may be determined at any time whether or not the required standpipe reserve is in the tank, except when the house supply is taken from the tank, or where the house supply tank can only be filled from an overflow of the standpipe fire line reserve tank, a high and low alarm need not be provided when an automatic tank filling pump is installed.

Rule 25. CHECK VALVE. There shall be provided in a horizontal run of pipe in the top story stair enclosure or in a heated enclosure on the main roof, in the line connecting the standpipe tank with the standpipe riser, an approved swing check valve opening downstream toward riser, except that where a siamese connection has been omitted, under these rules, no check valve shall be required. An O. S. & Y. gate valve shall be provided on each side of the check valve and shall be sealed open in an approved manner.

Rule 26. HEATING OF TANKS. All tanks used for standpipe supply purposes shall be heated by means of steam supplied through a brass coil with brass fittings and a type and radiating surface as prescribed by the Board of Standards and Appeals. The heater shall be fed through a 4-inch steam line with a 1-inch return, separately trapped. The water in the tank shall be maintained at a temperature above 40° F.

Tanks in hotels, hospitals, institutes or similar buildings using the tank supply seven days a week supplying both standpipe and house service lines shall not require heating. In an adequately heated enclosure, interior heating of tanks shall not be required.

Rule 27. LOWEST SUCTION TANKS. Tanks shall have at least 10,000 gallon effective water capacity as specified in Schedule A, reserved for the lowest fire pump use exclusively and shall be constructed of steel or reinforced concrete, located below the grade, or lowest story, if there is no cellar under the building. The Fire Commissioner may permit suction tanks to be located in a separate enclosure, or building provided they are accessible and when, in his judgment, such location will be more practicable. House supply tanks may be connected to the fire pump suction line, provided an O. S. & Y. gate valve, sealed closed, shall be provided on such house supply lines.

Rule 28. LOWEST TANK SUPPLY. The lowest suction tanks shall be fed by a connection at least 4 inches in diameter taken directly and independently from the public street main. The supply shall be not less than 750 gallons a minute, and shall enter the suction tank above the top or through the side near the top of the tank and shall be controlled by suitable bronze ball cock and copper float.

Rule 29. SUPPORT FOR TANKS. Tanks of more than 500 gallons capacity hereafter placed in or on any building shall be supported on masonry, reinforced con-

crete or steel construction of sufficient strength and carried to a proper foundation as provided for in section 428, Chapter 5 of the Code of Ordinances.

Rule 30. INTERMEDIATE TANKS. The location of intermediate tanks hereafter installed shall be determined and directed by the Fire Commissioner and as prescribed in Schedule A. Each such tank shall have at least 5,000 gallons of water reserved exclusively for fire line and pump purposes. The bottom of each tank shall be at least 20 feet above the highest outlet supplied therefrom. The method of water supply to tanks, the overflow, the high and low water alarm, the emergency drain, etc., shall be as prescribed for tanks above the roof except that the overflow and emergency drain shall be connected to the drainage system of the building or discharge on intermediate levels.

The connection of the tank to the system shall be as hereinafter set forth:

Piping of the same diameter as the riser shall connect the tank with the riser of the portion of equipment supplied from that tank and in this connecting line in a horizontal run there shall be placed an approved swing check valve opening downward, and two O. S. & Y. gate valves, one at each side of the check valve. Each tank section shall be directly connected to the tank section above by means of piping of the same diameter as that of the largest riser and in a horizontal connecting line shall be provided an approved swing check valve opening upward, with an O. S. & Y. gate valve, at each side of the check valve, in order that water pumped into the siamese connection may enter the entire equipment of the building, and that each tank will supply only its portion of the system.

Rule 31. VALVES. All valves controlling standpipe water supply except valves at hose outlets shall be iron body brass mounted, or cast steel designed in accordance with specifications of the American Society of Mechanical Engineers, gate valves shall be of Outside Stem & Yoke type, and shall be located in an accessible position. All such emergency control valves 6 inch and larger shall be of the by-pass type, except that emergency control valves when required in standpipe (fire) line systems may be of approved hydraulically controlled type.

* Rule 32. PIPING, FITTINGS AND VALVES. Materials of Construction. All new piping for standpipe fire lines shall be of genuine full weight wrought iron or steel and properly tested by the manufacturer to withstand the required water working pressures. All pipes shall be lap-welded. Where working pressures are in excess of 150 lbs. to the square inch extra heavy cast iron body or cast steel valves, malleable iron or cast steel fittings constructed in accordance with the specifications of the American Society of Mechanical Engineers, able to withstand the required water working pressure shall be provided. The standard weight fittings and valves may be used where the pressure is not more than 150 lbs. per sq. in. Fittings in horizontal runs shall have long turns. All underground piping shall be of extra heavy cast iron as required by Rule 15.

The water working pressure on piping, valves and fittings shall be determined by the total head of water plus 50 pounds at the top floor hose outlet plus a factor of safety of at least 50 per cent. Specifications as to the construction and water working pressure of all piping, valves and fittings shall be marked on plans filed with fire commissioner.

Rule 33. CONSTRUCTION. Each standpipe fire line riser shall be supported at the bottom and at every other (alternate) story, and shall be properly braced. Horizontal lines shall be supported by standard heavy wrought or malleable iron hangers attached to or extending around and over floor beams at intervals of not more than 8 ft., and at more frequent intervals if deemed necessary by the Fire Commissioner and shall be securely braced to withstand vibration. Hangers may be supported by straps or bars extending over and around bars of at least 1 in. in diameter and

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12 in. in length embedded in concrete floors parallel to and at least 2 in. from the undersurface or by approved malleable iron concrete inserts. The arrangement of lines must be straight and as direct as practicable. Offsets will be permitted only when unavoidable or where necessary to install horizontal check valves. Except where flange fittings and pipes are permitted elsewhere in this rule, all joints shall be screwed joints made up thoroughly water tight with red lead, litharge and glycerine, or compressed graphite lead and boiled linseed oil, or any joint compound that shall be approved by the Board of Standards and Appeals.

In horizontal runs of piping of standpipe fire line systems, if larger than 4 in. in diameter, fittings and valves may be of the flange type, provided flange faces are machined true and smooth and do not show rings, sand holes or other imperfections. All joints shall be provided with proper copper gaskets.

All standpipe (fire line) equipments shall be installed in a workmanlike manner.

Rule 34. PROTECTION OF FIRE LINES. Standpipe lines when not located within a fire protected stair enclosure shall be protected against interior fire damage by means of at least one inch asbestos covering, or a covering of expanded metal lath and three-quarters inch Portland cement plaster or by a 2 in. terra cotta block encasement.

Rule 35. FROST PROTECTION. Standpipe lines shall be properly protected from freezing in the following manner:

One wrapping of tar paper equivalent to Asphalt Saturated Wool Felt paper weighing 12 lbs. per 100 sq. ft.

Three (3) layers of standard 1 in. high grade "long cows' hair" felt interposed and covered with one (1) layer of builders' paper equivalent to red rosin sized sheathing paper weighing 40 lbs. per 500 sq. ft.

One (1) covering of 8 oz. canvas, painted with two (2) coats of waterproof paint.

All wrappings to be independently applied and securely fastened in place with heavy jute twine. Circumferential and longitudinal joints to have at least a 2 in. lap staggered with adjacent layers and opposing leakage to the hair felt.

In groups of pipes each water pipe is to be wrapped separately with the tar paper, but subsequent layers of felt and paper may be applied collectively if space does not permit of individual wrapping.

Where a heating pipe is one of the group, the wrapping should be applied so that the hot line would serve all pipes in the enclosure. The initial wrapping of tar paper around each water pipe should be applied with laps down and the whole group wrapped with tar paper with laps up. If due to the position of the hot line sufficient air space would not insulate the hair felt, then protection to be effected by suitable separators, or a wrapping of asbestos paper instead of the tar paper around the group.

On vertical pipes particular provision to be made to prevent slipping and tearing of insulation due to its weight.

To prevent slipping away of insulation at point of entrance of pipes into a tank, and to shed leakage from slip joints, a 16 oz. duck to be provided, doubled and securely fastened to bottom of the tank overlapping inside and outside the insulation of the group for a distance of 18 in. below the tank. This duck to be well coated with paint. Loose hair felt to be packed about connection at tank bottom to safeguard against settling.

Rule 36. NUMBER OF RISERS. Each building fronting on more than one street shall have at least one riser for each street front. For the application of this rule a corner building shall not be considered as facing on more than one street when it is on but one corner. In all cases regardless of area or location there shall be a sufficient number of risers, so that any portion of each floor area may be covered by the stream from a standpipe hose not exceeding 100 ft. in length.

Rule 37. FIRE TOWER RISER. Each standpipe riser shall be located within a stair enclosure and one riser must be located in main stairway or fire tower.

Where impracticable to locate a riser within the stair enclosure, the Fire Commissioner may permit it to be located immediately adjacent to a stair enclosure, public corridor or other suitable place.

Rule 38. HOSE STREAM ALLOWANCE. Not more than 10 feet will be allowed for the throw of hose stream except where the static pressure at the hose outlet is 15 lbs or more, when 20 ft. will be allowed.

Rule 39. SIZE OF CROSS-CONNECTION. Where there are two or more risers in a standpipe (fire line) equipment, all risers shall be cross-connected by piping of a diameter at least equal to the diameter of the largest riser, but in no case shall the cross-connection be less than five inches.

Rule 40. FIRE PUMPS. Where Required:

(a) In every building hereafter erected exceeding 250 ft in height, as described in Schedule A, an electric centrifugal fire pump shall be kept in readiness for immediate use of the Fire Department during all hours of the night and day including Sundays and holidays.

Rule 41. ARRANGEMENT AND SUPPLY OF FIRE PUMPS. Fire pumps shall be connected to the standpipe systems and have a capacity of 750 gallons of water per minute at a pressure of from 50 to 80 lbs. at uppermost hose outlet, fed from such pumps. Fire pumps shall draw from steel or reinforced concrete suction tanks. For the purpose of testing fire pumps a 4 in. diameter branch shall be taken from the discharge line at the pump side of the check valve and run to the suction tank over the side or through the side above the overflow level. From this branch there shall be taken a 4 in. line with an approved type pressure relief valve, extending to the tank in a manner similar to that of the 4 in. test line. In the 4 in. test line between the 4 in. relief branch and the tank there shall be placed an O. S. & Y. gate valve, which shall be kept closed except during a test of the fire pump. In the line from the fire pump to the standpipe risers and beyond the test branch there shall be placed an approved type check valve in a horizontal position and also an O. S. & Y. gate valve, the latter to be open except when the fire pump is undergoing test. A pressure gauge shall be provided and connected to the discharge line of the pump.

The piping connecting discharge from fire pumps shall be of same diameter as the main riser.

Rule 42. NUMBER AND LOCATION OF FIRE PUMPS.

SCHEDULE A

Height from Uppermost Hose Outlet to grade*	Total No. of Pumps Required	Approximate Location of Pumps			
		1st Pump	2nd Pump	3rd Pump	4th Pump
250' to 400'	1	Below grade level			
401' to 500'	2	Below grade level	200' to 250'		
501' to 600'	2	Below grade level	250' to 300'		
601' to 700'	3	Below grade level	200' to 250'	400' to 500'	
701' to 800'	3	Below grade level	250' to 300'	500' to 600'	
801' to 900'	4	Below grade level	200' to 250'	400' to 500'	600' to 750'
901' to 1000'	4	Below grade level	250'	500'	750'

* The uppermost hose outlet shall not include pent house outlet.

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Rule 43. FIRE PUMPS IN BUILDINGS EXCEEDING 1,000 FEET. All buildings exceeding 1,000 feet from grade level to uppermost hose outlet shall be provided with a fire pump for every 250 feet of elevation above the centre line of the lowest pump.

Rule 44. TANK CAPACITIES. Suction tanks supplying the first or lowest pump shall contain not less than 10,000 gallons reserved for fire pump. Intermediate tanks and uppermost supply tanks for buildings between 250 and 400 ft. as described in above schedule shall contain not less than 5,000 gallons reserved for fire pump. Uppermost supply tanks on all other buildings shall contain not less than 3,500 gallons reserve for standpipe fire line. Suction tanks shall be of the open type.

Rule 45. TANK STRAINERS. All supply tanks shall be provided with bronze strainers at pump and riser intake lines.

Rule 46. CENTRIFUGAL FIRE PUMPS. Fire pumps installed under these rules shall have a capacity of 750 G. P. M. and shall be of the multi-stage motor driven Centrifugal type designed, constructed and installed to render the highest possible efficient and reliable fire service.

The pump shall be located in a room of fireproof construction, properly ventilated, lighted and drained, enclosed in eight (8) inch brick or concrete walls with approved fire doors at openings and with fireproof floor and ceiling construction. If located in the lowest story of the building, the pump shall be placed on a foundation not less than one (1) foot in height. The pump room shall be readily accessible with safe egress for the attendant.

The pumping equipment shall be adaptable for heavy duty service having all parts of ample strength with liberal water passage and all working parts exposed to corrosion of phosphor bronze.

The pumps shall be fitted with fire fittings consisting of capacity name plate, pressure gauges, relief valves, hose manifold and three (3) approved 2½ in. hose valves with Standard Fire Department male threads. Fire pumps shall take suction supply under a head of water and in no case shall there be less than six (6) feet between water level in tank and centre line of pump.

The pump specifications shall be within the uniform requirements of "The National Standard" as adopted by the following associations:

Associated Factory Mutual Companies,
National Board of Fire Underwriters,
or as approved by the Board of Standards and Appeals.

Fire pumps to be designed to operate at not less than five (5) pre-determined speeds to give five (5) pre-determined pressures which will insure a maximum pressure of 80 lbs. and a minimum pressure of 50 lbs. throughout the building.

Fire pump equipment shall be so designed that it will operate normally at least five (5) speeds to provide a minimum of 50 lbs. pressure, and where more than one pump is required it shall be capable of pumping to the level of the next highest pump station in case of breakdown of intermediate pumping unit.

To provide for this standby service the fire pump shall run at nine (9) pre-determined speeds, namely, five (5) for continuous service and four (4) for standby service.

Rule 47. GENERAL SPECIFICATIONS. Pumping equipment shall be free from defects in design, workmanship and material and shall give proper and continuous operation under the conditions of service specified and shall be subject to approval of the Board of Standards and Appeals.

Materials entering into construction of this equipment shall be the best quality of their respective kinds and all parts shall be amply proportioned so as to be adaptable for heavy duty service.

CASING: Casing shall be of close grained cast iron and divided horizontally, and having suction and discharge connections in the lower half, so that the top casing can be re-

moved without breaking water connections. Casing shall have in addition to flange bolts, additional heavy bolts inside of flange to prevent leakage between stages. Casing shall be tested and guaranteed to withstand pressure 50% in excess of working pressure.

SHAFT: Shaft shall be made of best grade nickel steel and shall be ground all over to close limits and a high finish.

IMPELLERS: Impellers shall be of the enclosed type of best grade of phosphor bronze finished all over.

WEARING RINGS: Shall be of phosphor bronze and of renewable labyrinth or other equal type. Impeller wearing rings shall be securely attached to impeller, and casing ring shall be securely locked in the casing.

SHAFT SLEEVES: Shaft sleeves shall be of bronze and extend through stuffing boxes to protect the shaft from corrosion and wear from the packing.

BEARINGS: Bearing brackets shall be of the best grade of close grained cast iron and securely bolted to the lower half of the casing.

Bearing brackets shall contain cast iron bearings lined with high grade babbitt and shall be removable. Each bearing shall be equipped with two oil rings to insure proper lubrication.

COUPLING: Coupling shall be of best grade cast iron finished all over and keyed to shaft. The two halves shall be connected by coupling pins, transmitting power through rubber bushings, vulcanized on steel sleeves.

STUFFING BOXES: Stuffing boxes shall be of sufficient depth to prevent excessive leakage and shall contain water seal rings of bronze.

PACKING: Packing shall be held in place by bronze glands horizontally split and bolted together.

BED PLATE: Bed plate shall be of cast iron of heavy box type and provided with finished pads to which the pump is bolted and doweled. Foundation bolt rings shall be drilled for foundation bolts. Jack-screw pads to be cast with bed and jack-screws furnished to assist in aligning. Bed plate shall be provided with ample drip rims, drilled and tapped for piping connections on both ends.

PAINTING: Pumps shall be painted, filled, rubbed down to an even surface and finished with a drab steel-color machine paint, and the inside of the oil reservoirs in the bearing brackets to be painted white with a special oil-resisting paint.

Rule 48. SPECIFICATIONS FOR ELECTRICAL CONTROL AND OPERATION OF FIRE PUMPS.

TESTING: Pumps shall be tested at the plant of manufacturer to prove that they can fulfill requirements of specifications and guarantees made.

MOTOR: (a) Direct-current motors must be of the shunt or cumulative compound wound types. The speed of the motor at no load must not exceed the speed at full load by more than 10%.

Alternating current motors shall be of a slip ring type that will surely start and attain full speed under the current supply conditions where pump is to be installed. Approval of fire pump installations will be contingent on proper attention being given to the features mentioned herein.

(b) With a room temperature not exceeding 40 deg. C., motors shall be designed for a temperature rise not exceeding 40 deg. C. when carrying their rated full load continuously and shall also be able to run continuously with an overload of 15% without stress and without injurious rise in the temperature. Motors shall be able to withstand under the above room temperature an overload of 25% for 2 hours or a momentary overload of 50% without injury. No electrical or mechanical weakness should develop during these tests. The rise in temperature shall be measured in accordance with the Standardization Rules of the American Institute of Electrical Engineers.

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Motors shall be of such capacity that at rated voltage 115% of its full load ampere rating will not be exceeded under any conditions of pump load.

(c) Motor and control apparatus must be protected from water coming from possible leakage, or breakage of any connection at the pump or other piping in its vicinity, including hose lines which may be connected to the pump.

(d) Motor windings shall be thoroughly impregnated with an insulating compound suitable for resisting moisture.

(e) Bearing shells and caps for motors shall be of the split type on at least the driving end, to permit removal and replacement without disturbing the motor or shaft after installment.

VARIABLE SPEED CONTROL OF MOTORS shall be provided except for fire pumps in theatres as required under Rule 86. Not less than five stages of speed variation will be permitted.

AUTOMATIC STARTERS will not be permitted except as provided for under Rule 86 (Theatres, etc.) of Standpipe Fire Line Rules.

CONTROLLING EQUIPMENT: The following specifications cover the construction and installation of controlling equipments of manually operated devices for the control of electric motors driving fire pumps.

In materials, details of construction, test and installation, except as modified or supplemented by these requirements, all parts of the equipment shall comply with Chapter 9 of the Code of Ordinances.

All equipments shall be specifically approved for fire pump controlling purposes.

DESIGN: (a) The design of all parts must be such as to secure simplicity, strength, durability and ease of operation.

(b) All parts must be mounted on one or more panels of slate, marble or other approved material, supported in a substantial manner on an iron frame, and the entire equipment must comply with the requirements for switchboards in Chapter 9 of the Code of Ordinances.

(c) All parts, such as bearings, cams and latches, the operation of which is liable to be interfered with by corrosion, must be made of phosphor bronze or similar metal, except where magnetic qualities are essential. Springs must be of phosphor bronze or similar metal, or protected against corrosion in an approved manner.

OPERATING MECHANISM: (a) The operation shall be such that the motor is directly started by a single lever, which shall be arranged to move in one direction from the initial to the final position.

(b) Electrical actuating devices will not be approved.

(c) Where direct current is used, an auxiliary field resistance shall be provided which can be used to increase the motor speed 10 per cent.

RESISTANCES: Starting resistances must be, unless inside of the motor, of the grid type, and comply with the requirements of starting duty rheostats as given in Chapter 9 of the Code of Ordinances.

OVERLOAD PROTECTION: (a) Each motor lead must be protected by a circuit-breaker. With direct current motors, leads must be protected by a single-pole circuit-breaker in each lead, or by an approved double coil, double pole circuit-breaker so designed that each pole must be closed independently of the other.

(b) Circuit-breakers to be calibrated to 400 per cent. of normal motor current.

(c) No fuses nor other overload release devices except circuit-breakers are permitted, except in instrument and pilot light leads.

WIRING: All wiring shall be installed in rigid iron conduit.

SWITCH: An approved knife switch for independent sources of supply must be provided, having one pole for each supply wire in circuit.

PILOT LAMP AND INSTRUMENTS: (a) A pilot lamp connected on the motor side of the circuit-breaker must be provided to indicate the presence of voltage on the line.

(b) A voltmeter and ammeter must be provided and suitably mounted and connected as a part of the control equipment.

MARKING: (a) A name plate must be provided giving the name of the manufacturer and the rating of the equipment in volts and amperes.

(b) All line and motor terminal connections must be suitably marked so that they can be readily identified.

CONTROL PANEL: The control panel shall be constructed of a high grade of electrical slate or marble or other approved material.

The supporting frame shall be so arranged that the bottom of the panel will not be less than 24 inches above the floor.

INSTALLATION OF APPARATUS: The control panel shall be located close to and within sight of the motor. If a pump room used for no other purpose and containing no other apparatus except the fire pump, its motor and its accessory appliances is provided, the controlling equipment shall be placed in this room.

The control panel shall be so protected that it will not be injured by water escaping from pump or connections.

Except where special permission is granted by the Fire Commissioner the controlling equipment shall be protected from mechanical injury by one of the following methods:

(a) Grille or lattice partitions so placed as to completely enclose the control panel and starter.

(b) The entire equipment of the panel and starter may be enclosed at the sides, front, back and top in a thoroughly substantial, ventilated sheet iron or steel cabinet of not less than No. 12 U. S. metal gauge in thickness with hinged doors with glass panel in front of pilot light. When panel is in a fireproof room and not subject to mechanical injury an enclosing cabinet shall not be required.

TEST OF EQUIPMENT: The entire equipment shall be subject to test and inspection by representatives of the Fire Commissioner.

POWER SUPPLY: Where the power supply can be obtained from two separate street feeders, two separate and distinct services shall be installed.

Where current is taken from an underground Edison three-wire system and the power lines are protected by approved conduit from a point where they enter the building to the control panel in the pump room, it will be considered an acceptable source of power supply.

Isolated Plant: Where the source of supply is an isolated plant located in the building an auxiliary service of sufficient capacity shall be obtained from some outside source.

Transmission Lines: (a) The lines between the power plants and the pump room must be of such number, so arranged and so located that there will be small chance of an interruption of service to the motor, due to accident to the lines. All wiring in the pump room must be in approved conduit.

Where the valves involved are large and the crippling of this pump service would seriously affect the protection of the property, at least two separate lines from the power plant or plants to the pump installation shall be provided. The lines must be run by separate routes or in such manner that a failure of both at the same time will be only a remote possibility.

(b) Each line between the power plant and pump room shall be of such size that its safe carrying capacity as given in Chapter 9 of the Code of Ordinances will not be exceeded by the load carried.

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Where direct current motors are used, the voltage at the motors must not drop more than 5 per cent. below the voltage rating of the motors when the pumps are being driven at rated output, pressure and speed, and the lines between motors and power stations are carrying their peak loads.

When alternating current motors are used, the voltage at the motors under these same conditions must not drop more than 8 per cent. below the voltage rating of the motors.

(c) The overload protective devices at the power plants, and where provided at various points on the lines, must be of such rating and so set that they will open the circuit only under short circuit conditions.

Approved fuses may be used, if desired, except for the protection of the pump motor where circuit breakers are required. The fuses, however, must be of such size that an overload or short circuit at the motor or its control apparatus will not cause them to open the circuit, but instead, the circuit breaker protecting the motor.

TRANSFORMERS: Where it is necessary to install transformers they shall be installed in accordance with Chapter 9 of the Code of Ordinances.

Rule 49. SIGNALLING DEVICES. All buildings where variable speed control of fire pump motors is required shall be equipped with an approved coded closed circuit signalling system. The signalling stations shall be located one on each floor at main riser. This system shall be so arranged that a coded signal can be transmitted to the pump rooms. An eight-inch gong shall be provided in all pump rooms and at such other locations as the Fire Commissioner may direct. All apparatus used in connection with the signalling system shall be of an approved type and installed as outlined in rules governing the installation of interior fire alarm systems.

At alternate signal sending stations there shall be provided an approved closed circuit strap key enclosed in a sheet metal box equipped with a paracentric Fire Department lock and approved hinges.

The strap key shall be connected in series with the box circuit of the signal sending station.

A card of instructions shall be placed in the pump room giving code numbers of signalling stations, the pressures obtainable at different speeds of the motor and such other information the Fire Commissioner may direct.

Rule 50. RELAY STANDPIPE SYSTEM. All buildings hereafter erected exceeding 400 ft. from grade to highest hose outlet shall be provided with an intermediate combination gravity and suction standpipe supply tank and a fire pump as required under Schedule A.

Each tank shall have at least 5,000 gallons of water reserved for the fire lines and shall be connected to fire line system as described in Rule 30 for intermediate tanks except that in addition to the requirements of Rule 30, there shall be provided a long turn by-pass 8 inches in diameter around the tank check valve and the O. S. & Y. gate valves. An 8-inch O. S. & Y. gate valve SEALED CLOSED shall be provided in the by-pass line.

Each tank shall be provided with overflow and emergency drain lines as required in Rules 19 and 20, except that such lines shall drain to roofs of set backs on building, or into house drain lines providing the house drain line or lines are equal in sum total to the sum total in diameter of the drain lines.

The fire pump shall have a capacity of not less than 750 gallons of water per minute and shall deliver through the standpipe main feed riser at a pressure not less than 50 lbs. to the square inch at the highest hose outlet fed by said pump.

All fire pumps shall be located on a raised base at least 24 inches above the floor and on the floor below the supply tank, with the suction line as direct as practicable.

The pump discharge line shall be connected to the main feed riser feeding up, and outside the horizontal tank check valve line, and the upward swinging check valve in the main

riser. An O. S. & Y. gate valve shall be provided at a point between the pump discharge connection and the upward swinging check valve SEALED OPEN.

The fire pump and motor shall be located in a watertight room as close to fire tower as practicable, properly drained by a 3-inch line to house drain or scuppers in exterior wall. The electric switch controlling the motor shall be marked on panel "FIRE PUMP SWITCH" in 1 inch white letters on a red background.

Rule 51. NUMBERING ON VALVES. All gate valves on tanks, fire lines and pumps shall be numbered by 3-inch red metal disc with white numbers 2 inches high secured to wheel of valves.

Rule 52. PUMP ROOM DIAGRAM. A white and black print drawn to a scale of one-quarter inch to the foot shall be provided in a glass frame showing the tank, fire pump, all pipe lines and valves. The number of each valve shall be shown in addition to purpose of each water line.

The print shall include instructions as to method of starting and operating pump, closing main line, gate valve and opening by-pass valve.

Rule 53. FIRE LINE TELEPHONE. In all buildings where a variable speed control of fire pump motors is required there shall be provided a multiple telephone system with a master telephone in each pump room, and in the main lobby and individual telephones located on alternate floors near the main fire line riser.

The operation of the system shall be such that any individual telephone may call and converse directly with any master telephone. The master telephones may call and converse directly with each master telephone.

A six-inch vibrating call bell shall be located at the master telephones.

The master telephones in pump room below grade level shall be equipped with a loud speaking receiver so that the voice can be clearly and audibly heard at a distance of not less than fifteen feet from the receiver.

WIRING: The wiring for the telephone system shall not be smaller than No. 18 rubber covered wire installed in rigid iron conduit. The conduit system shall contain no conductors other than fire line telephone conductors.

The fire line telephone system shall be properly maintained and ready for use by the Fire Department at all times.

Rule 54. MAIN LINE EMERGENCY CONTROL VALVES IN BUILDINGS OVER 400 FEET IN HEIGHT (per Schedule A). At the base of the main feed riser or below the hose outlet valves on the first story; at each pump room elevation, and at each approximate one-third the height above the fire pump elevations and the pump or roof tank next above, there shall be provided O. S. & Y. emergency control valves in the main feed riser properly numbered and shown on the fire pump blue print heretofore described.

Rule 55. EMERGENCY TOOL BOX. Where fire pumps are required under these rules there shall be provided in each pump room an emergency fire department tool box, painted a fire department red, with 3-inch white letters reading, "Emergency fire line tool box." The box shall be secured to the wall and be fitted with a fire department lock and contain the following:

1—3-foot Stillson wrench.

4—2½-inch plugs with pipe threads.

4—2½-inch caps with hose threads.

2—Spanner wrenches of Fire Department pattern.

4—2½-inch double female hose connections, with Fire Department threads.

Rule 56. EMERGENCY AND TESTING HOSE. Where fire pumps are required under these rules there shall be provided in each pump room not less than two 50-foot lengths of rubber lined 2½-inch hose, of Fire Department quality, and one 1½-inch nozzle of controlling type. All couplings to be of Fire Department pattern and threads. Hose shall be supported by hooks secured to enclosure walls of pump room.

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Rule 57. LOCATION OF LOWER FIRE PUMP IN RELATION TO HORIZONTAL LINE CONTROL VALVES. In a single main riser system the fire pump discharge line to riser shall be as short as practicable.

In a two (2) main riser system the pump discharge line to cross connection shall be located between the two risers. An emergency gate valve of the O. S. & Y. type, sealed open, shall be provided in the cross-connection on each side of the discharge line connection.

In a three (3) main riser system the pump discharge line shall be connected to the cross-connection on each side of the central riser. Three (3) emergency gate valves as above shall be provided as follows: One (1) at the base of the central main riser and one (1) on each side of the discharge line connection on the riser side.

In a four (4) main riser system the pump discharge line to the cross-connection shall be centrally located so as to provide two risers on each side of pump connection. An emergency gate valve shall be provided in the cross-connection on each side of the discharge connection.

In a five (5) main riser system the pump discharge line shall be connected on each side of the third, or central riser, and shall be provided with gate valves located as described in a 3 riser system.

In a six (6) main riser system the pump discharge line shall be centrally located so as to provide three risers on each side of pump connection and shall be provided with gate valves located as described in a two and four riser system.

For the purpose of this rule a main riser is any vertical riser other than a branch riser with not more than three (3) hose outlets above the cross-connection.

Rule 58. EMERGENCY SAFEGUARDS. For the purpose of prolonging the use of the standpipe fire lines in case of failure or break, it is necessary to provide and properly locate emergency gate valves of the O. S. & Y. type as follows:

Rule 59. EMERGENCY VERTICAL LINE CONTROL VALVES. All standpipe fire line systems hereafter installed in buildings over four (4) stories or 50 ft. in height, and up to 400 ft., as described in Schedule B, shall be provided for as follows: In each riser an O. S. & Y. gate valve shall be provided below the first story hose outlet. If the interior stairway extends from hallway on first story to cellar the gate valve shall be located within the stairway enclosure below the first story level.

A two-way 2½-inch hose outlet tee with two 2½-inch approved valves, one of which may be capped, shall be provided in all main risers 6 ft. to 7 ft. above floor or stair landing level of first story with the O. S. & Y. control valve below the outlet tee.

Where a single main riser system or a main riser feed system is installed and the uppermost hose outlet exceeds 150 ft. above grade level there shall be provided in each riser O. S. & Y. gate valves, in addition to the gate valve below the first story hose outlet at approximately the level above grade hereafter specified.

SCHEDULE B

Height from Uppermost Hose Outlet to Grade	Total Number of Valves Required	Approximate Location of Valves Above Grade					
		1st Valve	2nd Valve	3rd Valve	4th Valve	5th Valve	6th Valve
150' to 200'	2 to 3	Below the 1 sty. outlet	75'	150'			
200' to 250'	2 to 3	"	75'	150'			
250' to 300'	3 to 4	"	75'	150'	225'		
300' to 400'	4 to 5	"	75'	150'	225'	300'	

Rule 60. UPPER CROSS-CONNECTION EMERGENCY CONTROL VALVES. When a two (2) main riser system is installed there shall be provided O. S. & Y. emergency gate valves between the risers in each cross-section, located within the stairway enclosure when practicable, or as near the door to main stairway of fire tower as practicable, and where the uppermost hose outlet exceeds 150 ft. above grade, the risers shall be provided with O. S. & Y. gate valves as described in Schedule B.

Where a three (3) main riser system is installed there shall be provided O. S. & Y. gate valves between any two of the risers in each cross-connection and one in the central riser at each cross-connection.

Where a four (4) main riser system is installed there shall be provided O. S. & Y. gate valves in each cross-connection between the 2 central risers, so as to provide 2 risers on each side of control valves.

Where a five (5) main riser system is installed there shall be provided O. S. & Y. gate valves between the second and third central riser in each cross-connection and one in the central riser at each cross-connection as described in a 3 riser system.

Where a six (6) main riser system is installed there shall be provided O. S. & Y. gate valves centrally located in each cross-connection so as to provide 3 risers on each side of gate valve—as described in a two and four riser system.

Rule 61. LOWEST CROSS-CONNECTION CONTROL VALVES. When the building is provided with a fire pump as required by the Rules the gate valves required in the lowest cross-connection shall be located as described under location of Fire Pumps and Horizontal Line control valves.

Rule 62. FIRE TOWER RISER. Where the building is provided with an exterior enclosed fireproof stairway or fire tower the main riser shall be installed in such stairway and properly protected from freezing in accordance with these rules unless stairway is adequately heated.

Rule 63. VALVE SEALED OPEN. All O. S. & Y. gate valves shall be located in an accessible position and be sealed open in an approved manner.

Rule 64. LADDERS TO VALVES. Where the gate valve is more than 7 ft. above any floor or stair landing a single rung iron ladder with ½-inch rungs and not less than 10 inches between strings shall be provided at each gate valve properly secured at top and bottom.

Rule 65. VALVE SIGNS. Where the gate valves on the upper cross-connections are not located in the stair enclosure, a sign with red background and white letters not less than 3 inches high shall be painted on the face of the wall within the stairway enclosure on the story where the gate valve is located, which shall read as follows: "STANDPIPE CONTROL VALVE NO. 0 IN LOFT."

Where a standpipe riser is located in a fire tower a sign with red background and 3-inch letters as above shall be painted on the wall at fire tower exit door, which shall read: "STANDPIPE IN TOWER," except on that story on which the emergency control valve is located, there the sign shall read: "STANDPIPE CONTROL VALVE NO. 0 IN TOWER."

Rule 66. VALVES NUMBERED. All emergency control valves shall be numbered by means of a metal disc not less than 3 inches in diameter painted red with a white number not less than 2 inches high and shall be secured to wheel of valve by chain or metal clamp.

Rule 67. FIRE LINES PAINTED. All standpipe lines not located within a stairway enclosure or public corridor and including the siamese connection street riser wall collars and caps shall be painted a Fire Department red.

Rule 68. SIAMESE CONNECTIONS FOR FIRE DEPARTMENT USE. Each standpipe system shall be provided with one or more approved type 3 inch x 3 inch in-

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let siamese connections for use by the Fire Department as hereinafter set forth. When a building faces on but one street and has a frontage of less than 250 ft. and requires but one four (4) inch diameter standpipe riser one siamese connection shall be provided; where the street frontage exceeds 200 ft. in length and requires but two four (4) inch diameter standpipe risers two siamese connections shall be provided for each 200 ft. of street frontage or fraction thereof. Buildings exceeding 250 ft. in height shall have not less than two siamese steamer connections for each riser and buildings not more than 250 ft. in height shall have at least one siamese connection for each 6 inch riser. Buildings having frontages on more than one street shall have a siamese connection on each street front when the frontage is not continuous but in all cases where more than one siamese connection is required they shall be properly distributed, and not grouped, as the Fire Commissioner may direct.

Rule 69. SIAMESE HEADERS. Siamese headers shall be independent of each other and lead, as direct as practicable, to riser or cross-connection header. There shall be at least 2 siamese for every 8-inch riser and at least 1 siamese for every 4 or 6 inch riser. Where there are more than one riser, the siamese headers shall divide on each side of any emergency control valve in the cross-connection, and such headers shall be equal in sum total to the sum total of all risers on either side of the emergency control valves.

No siamese header shall be larger than 6 inches. Siamese risers, when extending through sidewalk, shall be of bronze or fitted with a brass sleeve, packed with a waterproof compound between sleeve and riser.

Rule 70. SIAMESE OMITTED. Any building, other than theatre with stage, not over 45 feet in height shall not be required to have a siamese connection except when each building is on a water-front or when it is one of a group of buildings and has a cross-connection to the standpipe equipment in one or more of the other buildings.

Rule 71. LOCATION. Each siamese connection placed on the street front of a building shall be located not less than 18 inches and not more than 36 inches above the sidewalk level and shall be set in a horizontal position and shall be readily accessible for Fire Department use. Each siamese shall have cast in the body on top or on wall plate, in letters at least 1 inch in length and not less than $\frac{1}{8}$ inch in depth, the word "STANDPIPE."

The piping connecting the siamese with the standpipe equipment proper shall be not less than 5 in. in diameter where there are two or more 4 in. risers and not less than 6 in. in diameter for risers of 6 and 8 in. diameter. When there is but one 4 in. riser, connection from siamese may be 4 in. in diameter.

Rule 72. SIAMESE CHECK AND DRIP. In each line between the siamese connection and the standpipe system there shall be placed an approved type swing check valve located where practicable within 10 feet from the building wall. Between the siamese and its check valve there shall be placed a $\frac{3}{4}$ -inch automatic ball drip of an approved type which will close under a pressure of not more than 7 lbs. per square inch.

Rule 73. SIAMESE CONNECTIONS FOR FIRE-BOAT USE, EXCEPT WHERE THE SOURCE OF SUPPLY IS FROM THE STREET MAIN DIRECT. Siamese connection on piers or warehouses, etc., intended for fireboat use exclusively shall be $3\frac{1}{2}$ in. x $3\frac{1}{2}$ in. at inlets with Fire Department female thread. Between siamese and the system proper there shall be an approved type swing check valve, and between the check valve and the siamese either a $\frac{1}{2}$ -in. open drip without valve or cock, or a $\frac{3}{4}$ -in. automatic ball drip of approved type closing under a pressure of not more than 7 lbs. per sq. inch. Where systems have both fireboat and shore sia-

mese the shore siamese shall have male connections and shall be without clappers, but shall have on each inlet a 3 in. gate valve with Fire Department male thread for hose connection. Check valve shall not be provided for the land end siamese.

Rule 74. HOSE OUTLETS. When practicable all hose outlets shall be placed within a stair enclosure. They shall be $2\frac{1}{2}$ in. in diameter, set not less than 5 ft. nor more than 6 ft. above the floor or landing as the case may be. Outlets and racks shall be located above the floor or landing and shall not be over a run of stairs or in a stair well. When impracticable to place hose outlets within the stair enclosure, the Fire Commissioner may permit them to be located immediately adjacent to a stair enclosure, in a conspicuous place, in which case there shall be painted upon the stair side of the wall of the stair enclosure a conspicuous sign in letters not less than 8 in. in height indicating the location of the outlet. Where there is a 4-in. riser system its termination above roof shall be a $2\frac{1}{2}$ -in. outlet hose valve properly capped.

Rule 75. MAIN ROOF OUTLETS. All 6 and 8-inch main riser systems which extend to intermediate or the highest roof level shall be provided with not less than three $2\frac{1}{2}$ -inch hose valve manifolds with male threads. Roof outlets shall be located not less than 24 in. nor more than 5 ft. above the roof and each valve shall be provided with regulation $2\frac{1}{2}$ -in. Fire Department caps. Where roof outlets cannot be located within a heated stair enclosure, the control valve shall be located below the roof and shall have a long stem extending above the roof with a wheel handle at the upper end. Between the long stem valve and the roof outlet there shall be a $\frac{1}{2}$ in. open drip extending to a sink or a $\frac{3}{4}$ in. automatic ball drip of approved type.

In buildings not exceeding 40 ft. in height hose outlets above roof shall not be required.

Rule 76. SPANNER WRENCH. A spanner wrench may be provided at each hose outlet valve, such wrench shall be of the gooseneck Fire Department pattern.

Rule 77. BRANCH LINE SIZE. No branch line may be less than 4 in. in diameter, except that any branch from a riser or cross-connection to but one hose outlet may be $2\frac{1}{2}$ in. if not over four (4) feet in length, and may be 3 in. in diameter if not more than twenty-five (25) feet in length.

Rule 78. NOZZLES. All $2\frac{1}{2}$ -in. fire hose shall be provided with approved smooth bore nozzles 15 in. in length, the outlet at the tip to be not less than 1 in. nor more than $1\frac{1}{8}$ in. in diameter.

Rule 79. HOSE. Each outlet other than the roof outlet shall have attached thereto $2\frac{1}{2}$ in. unlined linen hose, except that in buildings or premises that do not contain occupancies storing, handling or using inflammable motion picture films or nitro cellulose products, and which are not classified as hazardous, the Fire Commissioner may permit in addition to the $2\frac{1}{2}$ -inch outlet and hose the installation of $1\frac{1}{2}$ in. unlined linen hose and valve. There shall not be more than 100 ft. of hose at any outlet, as required by Section 581, Chapter 5, Code of Ordinances. No single length of hose shall be less than 50 ft.

All hose used in connection with the standpipe fire line system shall be at least equal in material and construction to the type of hose bearing the approval label of the National Board of Fire Underwriters.

Rule 80. COUPLINGS. Hose couplings for standpipe shall be equal to hose couplings of the regular Fire Department pattern and thread.

Rule 81. RACKS. All standpipe hose shall be suspended from racks of stamped steel, malleable iron or other metal equal thereto, of approved swing type, so designed and constructed that they will permit of ready and easy release of hose for use. The racks shall be supported securely and substantially from standpipe risers or wall, except that where

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a cast nipple of non-corroding material is screwed into the hose outlet valve the rack may be suspended from said nipple. The minimum thickness of nipple to be 5/16 in. In no case will automatic racks be permitted.

Racks shall be not more than 7 feet 6 inches above the floor.

Rule 82. HOSE CABINETS. Hose racks may be installed in cabinets, provided the cabinets are conspicuously located within a stair enclosure, and are of a size sufficient to accommodate the entire equipment and permit of easy handling of hose and operation of valve.

In theatres, cabinets may be permitted outside of stair enclosures, provided they are conspicuous, and that during performances the cabinets are illuminated by means of an electric lamp placed inside. Each cabinet shall have a clear glass door (one panel only) without lock and shall have the words "FIRE HOSE" painted on the glass in letters not less than 2½ inches in height.

Rule 83. REGULATION AND REDUCTION OF PRESSURES. All buildings hereafter erected over 250 ft. in height and which do not exceed 400 ft. in height from the grade to highest hose outlet shall be provided with a roof gravity tank of not less than 5,000 gallons.

Where the above described height exceeds 400 feet, fire pump and suction tanks shall be provided as described under Schedule A.

Where the pressure on any hose outlet valve exceeds 50 lbs. either approved outlet pressure reducers, set as prescribed by the Chief of the Fire Department, or the Board of Standards and Appeals, shall be provided at such outlets.

Rule 84. BUILDINGS IN COURSE OF ERECTION. In buildings in course of erection standpipe fire lines shall be carried up with each story after the structure reaches the 7th story or a height of 85 ft., and there shall be provided an outside siamese pumper connection in a proper and accessible place. Regulation hose outlets on each story above the 2nd shall be provided as the work progresses. Hose outlets shall be provided with male threads of Fire Department pattern, with hose and nozzle attached, to at least every second outlet. The top and bottom of each riser and all cross connections shall be securely capped at all times during the progress of the work except when work on the standpipe fire line is in progress at that point. Temporary standpipe risers used in construction work and not less than 3 inches in diameter for buildings, not exceeding 400 ft. in height, and of larger diameter, in buildings exceeding 400 ft. in height, when maintained to supply water at all times, may be accepted in lieu of the regulation standpipe, provided it is equipped with hose outlets, hose and siamese as required above.

Elevators or hoists shall be provided as required in Rule 6.

Rule 85. PLACES COVERING LARGE AREAS. Ship yards, oil storage plants, amusement or exhibition parks or other enclosures when deemed necessary by the Fire Commissioner shall have one yard hydrant and hose for each 20,000 sq. ft. of area, but in no case shall there be more than 250 ft. distance between hydrants. Hydrants and sufficient approved hose and a smooth bore 1½-inch Underwriters playpipe shall be placed in an approved hose house, painted red, with words "FIRE HOSE" in 6-inch white letters on door. Where the area exceeds 20,000 sq. ft. and not exceeding 40,000 sq. ft. in area, a gravity tank of at least 20,000 gallons capacity, elevated 50 ft. above the yard, or 25 ft. above the highest structure in the yard, or a fire pump of at least 1,000 gallons a minute capacity, with a suction tank of at least 25,000 gallons capacity, or river suction supply shall be provided. Plants exceeding 40,000 sq. ft. in area shall be provided with a fire pump of not less than 1,000 gallons per minute capacity, suctioning from a tank or sump of at least 30,000 gallons capacity. The Fire Commissioner may permit suction from a river or well if in his opinion the required quantity of reasonably clean water may be obtained thereby, except that where river

suction is proposed and standpipe primary water supply is taken from street main, approval of the proposition shall be obtained also from the Department of Water Supply, Gas and Electricity. In addition to yard hydrants, the Fire Commissioner may require one Monitor nozzle with remote control for each 40,000 sq. ft. of area or fraction thereof when in his opinion an unusual hazard exists or may exist. Monitor nozzles shall be located as ordered by the Fire Commissioner.

Standpipe risers may be connected to yard hydrant systems when such systems are provided with gravity tanks in accordance with this rule, or when same conforms with Rule 9, Subdivision A (city main connection).

Yard hydrant systems connected to city main shall be provided with Post Indicator valve located in an accessible position. The Post Indicator valve shall be sealed or locked open and be painted a Fire Department red.

Yard hydrant systems with more than one hydrant shall not be connected to City mains outside of the high pressure fire service area, unless approved by the Board of Standards and Appeals.

Provision for steamer connections, fireboat connections, pressure reliefs and general layout of plant standpipe systems shall be made by the Fire Commissioner as his judgment may dictate for each individual case.

Fire extinguishing equipments in addition to the foregoing shall be prescribed by the Fire Commissioner for all oil storage plants, oil refineries, fire work plants and other plants when deemed by the Fire Commissioner as presenting unusual fire hazards.

Rule 86. THEATRES, ETC. In every theatre or opera house or other building used for theatrical or operatic purposes or amusement purposes as per Section 520, Chapter 5, of the Code of Ordinances, the standpipe fire line equipments in addition to the tank shall also be supplied by approved electric pump or pumps having a capacity of at least 250 gals. per minute at 100 lbs. per square inch in buildings without occupancy above the roof and at 125 lbs. per square inch pressure in buildings having any occupancy above the auditorium roof. Power for pumps shall be supplied by electric motors of sufficient horsepower to drive pump without sign of overload. Pumps shall be bypassed to suction tanks, as provided for elsewhere in these rules under FIRE PUMPS. Pumps shall suction from steel or reinforced concrete tanks of not less than 5,000 gallons water capacity. Pumps shall deliver initial supply of water and shall be connected to an approved electric device which, upon a reduction of pressure below the allowable minimum, will automatically start the pump and, upon a restoration of the required pressure, will automatically shut off the pump. The automatic starting device shall be set to cut in at 60 lbs. pressure and to cut out at 80 lbs. pressure. In addition to the automatic starting device there shall be provided a hand starter for emergency use and there shall also be provided a pressure gauge on the panel board.

Rule 87. STREET MAIN CONNECTIONS. Subject to the requirements of the Department of Water Supply, Gas and Electricity, the size of each standpipe connection to a street main shall be not less than 4 in. in diameter and shall have a conveniently accessible control valve in the line at or near the curb or when practicable in a more remote location. The control valve shall be fitted with a frost and waterproof box not less than 4 ft. nor more than 6 ft. below the curb with a fixed stem extending to a compartment at the level of the sidewalk. The cover shall be bolted to the casing, and shall be so marked as to be quickly located and to indicate the purpose of the valve. The valve shall be of an indicating pattern, operating by a special socket wrench approved by the Department of Water Supply, Gas and Electricity. The water meters used in standpipe fire line supplies shall be of approved type allowing free flow of water. Supply through the

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meter shall be checked against the Fire Department Siamese Supply and against tank supply.

Where, due to the presence of a vault under the sidewalk and extending to within 18 in. of the curb, it is impracticable to install a control valve box at the curb, there shall be placed in the feed line from the main a control valve located not more than two feet from the point of entry.

Rule 88. HIGH AND LOW WATER ELECTRIC ALARMS. The high and low water electric alarm for gravity tanks shall be so constructed and arranged that a decrease in the quantity of water below the required fire line reserve shall cause an alarm to be given in either the pump room or engineer's room. An annunciator shall be provided in connection with the alarm system. The high and low tell tale electric devices for gravity tanks shall be so constructed that they will not be affected by moisture and the parts shall be heavy and rugged. The level of the water in the gravity tank shall be indicated by an approved device.

The audible signalling device for high and low water electric alarm shall consist of vibrating gong of at least 6 inches diameter of the enclosed type and arranged for conduit installation, the same to be operated automatically. The control cabinet shall be arranged for conduit installation and shall be located in the engineer's room or pump room where it will be under supervision of the person in charge of the standpipe supply.

All wiring shall be installed in rigid conduits and the installation shall be in accordance with the provisions of Chapter 9 of the Code of Ordinances. Control panels must be approved by the Board of Standards and Appeals.

The following sources of energy may be employed and are given in their order of preference:

1. Public utility electric light and power systems.
2. Independent electric generating plants.
3. Storage batteries in duplicate.
4. Primary batteries of closed circuit type.

When the system is connected to a 110 volt lighting service a suitable cut-out is to be provided and it shall be enclosed in a locked or sealed metal cabinet. The connection to system shall be the first connection on the house side of and as near as practicable to the meter. When batteries are used to operate the system they shall be placed in an approved cabinet provided with a lock and key.

Rule 89. DRY PIPE VALVE. A dry pipe valve shall be taken to mean a valve automatically controlling the water supply of the standpipe system in such a manner that under normal conditions its piping system will be maintained dry, but in the event of a hose valve being opened, the dry pipe valve automatically releases the water into the standpipe system.

In refrigerating plants or in unheated buildings, piers or warehouses where wet lines are impracticable, dry pipe valves may be installed.

Type A, in which the valve is actuated by the release of compressed air in the standpipe system due to the opening of a hose valve; and Type B, in which the valve is actuated by an approved trip under electrical control of an approved non-coded or coded closed circuit system operated from the control station at each hose outlet. Dry pipe valve shall be located as near as practicable to the standpipe system, in an enclosed place, protected from mechanical injury and freezing.

When Type A valve is installed the air pressure in the standpipe system under such dry pipe valve control shall not exceed 40 lbs. per sq. in. nor be permitted to fall below 25 lbs. per sq. in. nor shall it be less than one-sixth of the water pressure in any case. Not more than 16 hose outlets shall be supplied through one dry pipe valve. The air compressor shall have a capacity of not less than 11 cu. ft. per minute, and the air supply for the pump shall be taken, if possible from a room containing dry air, or it shall pass through a drying chamber containing calcium chloride in order to avoid the introduction of moisture into the system.

A closed circuit alarm shall be provided in connection with each dry pipe valve installation; the electrical layout shall be approved by the Fire Commissioner.

Rule 90. MONITOR NOZZLE. Monitor nozzles shall be so constructed and designed that they may be moved in both vertical and horizontal arcs, and shall be so located that streams may be brought to bear on all portions of the plant or building within the effective radius of stream play and such other exposing properties as may be within this radius. They shall be supplied from connections to the standpipe system not less than 4 in. in diameter with remote control.

Rule 90a. ROOF SETBACK HOSE OUTLETS. A two-way hose outlet tee, with one outlet properly capped, shall be provided in the standpipe risers on floor level of any intermediate roof setbacks on all buildings exceeding one hundred feet in height when the following conditions exist:

1. When the building has a frontage of fifty feet or over.
2. And there are adjoining roofs, window openings or other exterior exposures within fifty feet of the roof parapet.
3. And the depth of the setback exceeds ten feet.
4. And the setback exceeds one hundred feet above grade level.

Rule 91. EXISTING STANDPIPES. Standpipe fire line equipments which were approved by the Fire Commissioner as conforming to the rules and regulations then being enforced, shall not be required to be altered to conform to the provisions of these rules, except where substantial additions or extension in height or area is made to the building, when these rules shall apply if deemed advisable or necessary by the Fire Commissioner, and except that all such fire line systems shall have or be provided with the following:

1. Roof gravity tank shall have a reserve of approximately 3,500 gallons of water for fire line.
2. The bottom of the gravity tank shall be not less than 20 feet above the hose outlet in the highest story.
3. A 4-inch emergency drain with gate valve.
4. House lines taken from outside of tank.
5. Tank properly heated and provided with overflow line.
6. Tank shall not be fed through fire line.
7. Tank to be fed at not less than 65 gallons a minute by pump or direct city connection.
8. An iron ladder of substantial construction, properly braced, extending to top of tank.
9. At least one gate valve at the downstream side of tank check unless a gate valve has been installed on either side of check.
10. Hose valves and hose not less than 2½ inches in good serviceable condition. No automatic hose valves permitted.
11. Wheel of hose valve within 6 ft. 6 in. of stair landing or of steps within 2 ft.
12. An open or automatic ball drip between the siamese check and siamese.
13. Approved 3 in. x 3 in. siamese, with approved caps.
14. The words "STANDPIPE" cast in the body of the valve, or on metal plates secured to siamese riser, or secured to face of building behind the siamese.
15. The siamese street riser, wall collars and caps painted a Fire Department red.
16. Outlet pressure reducers on all hose outlet valves where the pressure exceeds 50 lbs. per square inch.
17. In factory or other buildings of hazardous use, where the fire lines are not within a protected stair enclosure and may be subjected to fire exposure because of such location, they shall be protected by asbestos covering, wire lath and cement, or terra cotta blocks as described in these rules.

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18. Fire lines shall be protected from freezing as specified in these rules.

19. The tank shall be provided with a high and low water electric alarm, except where there is an automatic filling pump installed.

20. The bonnets or caps of all siamese or tank check valves which have been in the fire lines for at least ten years, where practicable, shall be removed and the interior of valve cleaned of all rust or other accumulations. The body of the valve shall then be given a good coat of red lead and linseed oil.

Rule 92. HOSE OUTLET VALVE. Hose outlet valves shall be $2\frac{1}{2}$ in.

A—All hose outlet valves hereafter installed in buildings not exceeding 300 feet in height, or for the uppermost 300 feet in any building, shall conform to the following specifications:

1. Valves shall have a clear waterway of at least 5 sq. in. in area.

2. They shall show not more than 5 lbs. friction loss for a flow of 300 gallons per minute.

3. They shall close tightly against 300 lbs. hydraulic pressure under normal working conditions.

4. They shall stand a hydrostatic pressure test of 750 lbs. per sq. in. for 30 minutes and not distort.

5. They shall stand the operation of full opening and closing 300 times under 150 lbs. pressure without leaking at stuffing box or seat.

6. They shall not be of cast or malleable iron.

7. Only angle globe valves shall be permitted.

B—Hose outlet valves hereafter installed in buildings exceeding 300 feet in height, except as provided for in Subdivision A, shall show not more than 5 lbs. friction loss for a flow of 300 gallons per minute; they shall close tightly against 500 lbs. hydraulic pressure under normal working conditions; they shall stand a hydrostatic test of 1,250 lbs. per square inch for 30 minutes and not distort; they shall stand the operation of full opening and closing 300 times under 250 lbs. hydraulic pressure without leaking at stuffing box or seat. They shall be of brass or best grade of valve bronze.

Straight-way gate valves may be submitted for test.

All hose outlet valves hereafter installed shall have cast in the body of the valve:

1. The manufacturer's name or trade-mark.

2. The working pressure of the valve.

3. The approval number of the Board of Standards and Appeals.

Not less than 2 approved hose valves shall be delivered to the office of the Board of Standards and Appeals, the weight and other general matter noted, and valves certified. One of the valves shall then be delivered to the office of the Fire Commissioner, with certified specifications.

Rule 93. SPECIFICATIONS. Siamese Connections.

Fire Department siamese connection shall be as hereinafter stated in this rule.

1. The body of the siamese may be of cast iron, cast steel, brass or any other suitable metals of sufficient strength to comply with Item 8 of this specification. All movable parts, clappers, swivels and all bolts, washers, nuts, screws and pin bearings and all swivel bearings shall be of non-corrodible metal.

2. Clapper valve seats shall be made of non-corrodible metal and shall be machined to insure a tight seat for clapper valves.

3. Each inlet to siamese shall be provided with a clapper valve machined to a true face. Single clapper siamese connections shall not be permitted.

4. The inside diameter of valve seats shall not be less than the inside diameter of the hose couplings. The area of the waterway beyond the valve seats shall not be less than the combined areas of the waterways through the two valve seats. The area of the waterway of each inlet shall not be reduced by the clapper when in a position of maximum opening.

5. Clappers shall be so hung that when siamese connection is placed in a horizontal position the clappers will be seated.

6. Swivels, attached to the body of the siamese by means of a collar expanded cold or screwed into the body of the siamese, or with other bearing surface extending entirely around the opening and exerting uniform shear, will be approved if giving a strength sufficient to meet Item 8.

7. Clapper valves must be of such design and area that a pressure of 100 lbs. per sq. in. on the standpipe side will not prevent their opening when the pressure on the steamer side is 150 lbs. They must be so hung that with a discontinuance of flow into the siamese through that inlet the valve will close, and that it will not close where there is an inward flow and the pressure on the inlet is 5 lbs. or more greater than the standpipe pressure.

8. Siamese connections must stand a hydraulic pressure test of 500 lbs. for 30 minutes under normal working conditions.

9. Clapper valves shall be tight for any pressure on standpipe side up to 300 lbs.

10. Approved caps or plugs must be provided to protect the threads of the inlets.

11. The inlet swivels to siamese connection shall be provided with threads to fit the Fire Department hose.

12. The word "STANDPIPE" shall be cast into the top of the body of the siamese or on wall plate, in 1 in. letters not less than $\frac{1}{8}$ of an inch in depth.

13. Where there is a fire boat siamese connection in the same system with a land end siamese connection, clapper valves shall be omitted from the land end siamese.

Rule 93a.

Specifications and Performance Requirements for Adjustable Pressure Reducers for Use At $2\frac{1}{2}$ -Inch Hose Outlets of Standpipe Systems.

These valves are for use at outlets for $2\frac{1}{2}$ -inch hose on standpipe systems to permit securing adjustment of the water pressure in hose and at nozzles as is required in the Standpipe Rules of the Board.

1. The body and working parts of the valve shall be of brass or bronze of a quality and thickness satisfying the hydrostatic pressure test requirement given below and corrosion-resisting. A bronze of not less than 83 per cent copper and 5 per cent tin and of not more than 7 per cent zinc and not more than 3 per cent lead will be judged to furnish acceptable corrosion resistance.

2. Threaded parts for connection to hose couplings shall conform to the New York Fire Department thread for $2\frac{1}{2}$ -inch fire hose.

3. The design shall provide that the friction loss shall not exceed 10 lbs. when the valve is in the full open position and is discharging not less than 200 gallons per minute.

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4. It shall be possible to operate the adjustable means through its full range by means of a regulation Fire Department goose-neck spanner wrench or manually when subject to an upstream hydraulic pressure of 500 lbs per square inch.

5. The valve shall withstand without fracture or excessive leakage the application for 30 minutes of an internal hydrostatic pressure of at least 1,250 lbs. per square inch.

6. It shall be possible to secure all movable exterior parts of the valve which affect the pressure adjustment so that the adjustment will be not altered accidentally or by tampering without giving evidence of the alteration. It shall be possible to readily accomplish any desired adjustment within the range specified below by the use of a regulation Fire Department spanner wrench.

7. The adjustable means shall provide that the waterway within the body of the valve shall be not less than 2.5 square inches in area when in full-open position and at least 0.5 square inch when in the fully reduced position. Between these positions there shall be not less than 13 positions of the pressure adjusting means at each of which a positive pressure reduction shall be obtained. Each such position shall be indicated by suitable markings or equivalent means.

8. When necessary, straightening vanes or baffle plates of brass or bronze, at least No. 14 B&S gauge in thickness shall

be placed in the down-stream or discharge part of the valve to regulate jet effect of water and protect hose.

9. The valve shall be marked so that it may be identified after installation to show a registered name or trade-mark, together with the Calendar Number assigned to it by the Board of Standards and Appeals and the registered symbol of endorsed approval by testing agency. These markings shall be in letters and figures at least $\frac{1}{4}$ inch high.

10. The valve shall be so marked as to clearly indicate when it is installed the upstream pressure producing 50 lbs. pressure at its discharge according to adjustment at which it is set as specified in paragraphs 6 of these Rules. These markings shall be in letters and figures at least $\frac{1}{4}$ inch high.

Not less than two approved pressure reducing valves shall be delivered to the office of the Board of Standards and Appeals, the weight and other general matter noted, and valves certified. One of the valves shall then be delivered to the office of the Fire Commissioner, with certified specifications.

The Board of Standards and Appeals hereby serves notice that approvals granted hereunder are subject to amendments or limitations as and wherever in its opinion service conditions in buildings may require.

Saving Clause. All rules and regulations previously adopted and conflicting with these rules are hereby rescinded.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Monroe Oil Pump	658-26-SA
Beach Russ Co. Rotary	1134-22-SA	Northern Rotary	1396-24-SA
Blackmer Rotary	935-24-SA	Pascoe Pump Set	1029-26-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Century Rotary	908-21-SA	Quiet May Gerotor Pump	267-32-SA
Cook Electric Oil Pump	603-25-SA	Quimby Screw Pump	1193-21-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	9
Cases filed up to March 13, 1935.....	63	Dismissed	6
Restored to Calendar	17	Denied	24
		Granted	0
		Granted on condition	36
		Appliances approved	25
		Appliances dismissed, disapproved or withdrawn.....	2
		Rules approved	0
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	87	Requests to reopen granted	81
Requests to amend	54	Requests to reopen denied	1
Requests for modification	0	Requests to amend granted	54
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time	9	Requests for modification granted	0
Requests for extension permit	1	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans.....	2	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	9
Requests for interpretation	0	Requests for extension of time denied	0
Total	396	Requests for extension of permit granted	1
Disposed of	255	Requests for extension of permit denied.....	0
Cases pending March 13, 1935	141	Requests to install granted.....	0
		Requests to install denied	0
		Plans approved	2
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	5
		Total	255

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order. therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

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BULLETIN OF THE BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

MARCH 26, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 13

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Approved Burners for Domestic and Commercial Use.

Approved Range Oil Burners and Space Heaters.

Approved Burners for Industrial Use.

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Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, March 25, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, April 1, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed Up to March 20, 1935.

Cal. No. Department. Premises Affected.
76-35-A.....D.B.M....37-39 Jane st. (Block 626, Lot 48),
Manhattan,

18761-F.

75-35-A.....F.D.....1535 Decatur st., S.W. cor. of
Wyckoff ave. (Block 2829, Lot
51), Brooklyn,

58402-L.C.

74-35-BZ.....D.B.B....2475-81 Flatbush ave., N.E. cor.
Avenue U (Block 1674, Lot 3),
Brooklyn,

Applic. 436-35.

73-35-BZ.....D.B.Bx...1166 Castle Hill ave., N.E. cor.
Powell ave. (Block 3820, Lot 1),
The Bronx,

Alt. Applic. 49-35.

72-35-A.....D.B.M....181 West End ave., 301-309 West
68th st., and 302 West 69th st.,
N.W. cor. West 68th st. and West
End ave. (Block 1180, Lots 25, 26,
27, 28, 29 and 37), Manhattan,

N.B. 173-34.

71-35-BZ.....D.B.Q....147-15 Brinkerhoff ave. (Block
2725, Lots 412 and 414), Jamaica,
Queens,

Decision.

70-35-A.....D.B.M....35-41 Exchange Place, 37-41 Wil-
liam st., and 49-51 Wall st. (Block
26, Lots 21 and 24), Manhattan,

17273-F.

69-35-A.....D.B.Bx...W.S. Eastchester rd., 100 ft. north
of Boston rd., running through to
E.S. of Corsa ave. (Block 4722,
Lot 12), The Bronx,

N.B. 71-34

68-35-A.....D.B.Bx...W.S. of Corsa ave., 100 ft. north
of Boston rd., running through to
E.S. of Fenton ave. (Block 4721,
Lot 17), The Bronx,

N.B. 84-34.

67-35-A.....D.B.Bx...S.S. Hicks st., running through
from Wilson ave. to Fish ave.
(Block 4712, Lots 1-14), The Bronx

N.B. 53-34.

66-35-A.....D.B.Bx...S.S. Hicks st., running through
from Fish ave. to Seymour ave.
(Block 4713, Lots 1, 2, 5, 12 and
15), The Bronx.

N.B. 32-34.

65-35-SA.....F.D.....Viking Range Water Heaters,
Models 210, 215, 222, 232 and 242,
Appliance.

64-35-A.....F.D.....225th st. and Boston Post rd.
(Swimming Pool) (Block 4905),
The Bronx,

1 3151-L.C.

Restored to Calendar.

858-22-BZ.....D.B.B....524-532 Eastern Parkway, S.W.
cor. of Nostrand ave. (Block 1268,
Lot 34), Brooklyn,
Applic. 1639-35 and 1962-35.

CODE

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H.D.....Health Department
D.B.B.....Department of Buildings, Brooklyn
D.B.M.....Department of Buildings, Manhattan
D.B.Q.....Department of Buildings, Queens
D.B.R.....Department of Buildings, Richmond
D.B.Bx.....Department of Buildings, Bronx
T.H.D.....Tenement House Department
B.B.....Board of Buildings

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Concrete Rules (Hydrated Lime)...	Oct. 9, 1934—Vol. 19 No. 41
Elevator Rules	July 3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors)....	Jan. 1, 1935—Vol. 20 No. 1
Factory Exit Rules	Dec. 11, 1934—Vol. 19 No. 50
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Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
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CALL OF CLERK'S CALENDAR

MONDAY, MARCH 25, 1935, AT 2 P. M.

Building Zone Cases.

353-34-BZ.

APPLICANT—Benjamin Millstein, for Edmund Burke,
owner.

PREMISES—5913-5923 Church avenue and 876-886 Ralph
avenue, northwest corner (Block No. 4685, Lot Nos.
29 and 30), Brooklyn.

APPLICATION, under section 21 of the building zone reso-
lution,

TO PERMIT in a business district the erection and mainte-
nance of a gasoline service station.

1-35-BZ.

APPLICANT—Abraham S. Bursky, for Manuel Gonzales
Benitez and Amalia Gonzales Benitez, owners.

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PREMISES—111 West 111th street (Block No. 1821, Lot No. 21½), Manhattan.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use (undertaker's establishment).

46-35-BZ.

APPLICANT—Sugarman & Berger, for Concourse Development, Inc., owner.

PREMISES—1000 Grand boulevard and Concourse, northeast corner of East 164th street (Block No. 2461, Lot No. 90), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also 1¼ times height district the erection of part of the street wall of a proposed multiple dwelling to a height exceeding the limit set by the building zone resolution.

MARCH 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, March 26, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 4-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Approved Bond and Mortgage Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1), Woodhaven, Borough of Queens.

CAL. NO. 5-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Eleto Realty Corporation, owner, to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4297-4301 Broadway (Block No. 2180, Lot No. 108), Manhattan.

CAL. NO. 24-35-BZ—Application, January 24, 1935, under sections 7b and 21 of the building zone resolution, of Julius Eckmann, applicant, on behalf of Henry S. Harper, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (store); premises 56 West 8th street (Block No. 553, Lot No. 14), Manhattan.

CAL. NO. 296-32-BZ—Application of Levy and Berger, on behalf of Kings Bay Realty Corporation, owner, reopened January 15, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district

the erection and maintenance of a gasoline service station; premises 115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MARCH 26, 1935, 2 P. M.

Appeals from Administrative Orders.

19-35-A—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

66-35-A—South side of Hicks street, running through from Fish avenue to Seymour avenue (Block No. 4713, Lot Nos. 1, 2, 5, 12 and 15), The Bronx.

67-35-A—South side of Hicks street, running through from Wilson avenue to Fish avenue (Block No. 4712, Lot Nos. 1 and 14), The Bronx.

68-35-A—West side of Corsa avenue to east side of Fenton avenue, 100 ft. north of Boston road (Block No. 4721, Lot No. 17), The Bronx.

69-35-A—West side of Eastchester road to east side of Corsa avenue, 100 ft. north of Boston road (Block No. 4722, Lot No. 12), The Bronx.

307-34-A—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

52-35-A—1657-1663 Flatbush avenue, east side, 120 ft. north of Avenue I (Block No. 7578, part of Lot No. 38 and Block No. 7579, Lot Nos. 10 and 24), Brooklyn.

57-35-A—1400 51st street and 5101 14th avenue, southeast corner (Block No. 5667, Lot No. 7); (5107 14th avenue, adjoining building), Brooklyn.

63-35-A—59 Water street (Block No. 32, Lot No. 9), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, March 26, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 540-27-BZ—Application of Bernard Austin, on behalf of Anhil Realty Corporation, present owner, reopened March 5, 1935, by order of the court, under section 21 of the building zone resolution, for an amendment to the resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board; premises 725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

CAL. NO. 101-32-BZ—Application of Thema Rosen, owner, reopened March 5, 1935, for consideration as to extension of time to complete work—time having elapsed—re application granted on certain conditions under section 21 of the building zone resolution, permitting partly in a business district and partly in an unrestricted district, the maintenance of an open air parking space for more than five (5)

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cars and the installation of two (2) gasoline tanks and pumps as accessory to the parking space and individual garages, these garages having been previously granted by the board; premises west side of Bailey avenue, 182 feet south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

CAL. NO. 299-34-BZ—Application, October 23, 1934, under section 21 of the building zone resolution, of Michael Glick, applicant, on behalf of Nathan Bensky, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises east side of Sedgwick avenue, 795 feet south of West 167th street (Block No. 2527, part of Lot No. 88), The Bronx.

CAL. NO. 305-32-BZ—Application of Arthur H. Haaren, on behalf of Kesbec, Inc., present owner, reopened July 10, 1934, under section 21 of the building zone resolution, to permit in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the Board); premises north side of Roosevelt avenue, 85 feet east of 69th street; northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Borough of Queens.

CAL. NO. 273-34-BZ—Application, August 23, 1934, under section 21 of the building zone resolution, of Nathan D. Shapiro & Bros., applicants, on behalf of Mansfield Service Station, Inc., owner, to permit in a residence district the extension of an existing gasoline service station and, also, the erection and maintenance of an office, auto laundry and greasing pits; premises 1314-1332 Ocean avenue, west side, 100 feet south of Avenue H (Block No. 6703, Lot No. 55), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 1, 1935, AT 2 P. M.

Building Zone Cases.

34-35-BZ.

APPLICANT—Jacob Sulzbach, for Ken-Isle, Inc., owner.
PREMISES—18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9; Block Nos. 4746 and 4747, Lot Nos. 1), White-stone, Queens.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.

44-35-BZ.

APPLICANT—Kennedy and Ellner, for Henry A. Bonori, owner.

PREMISES—46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

45-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Helen R. McGowan and Loretta M. McGowan, owners.

PREMISES—2356 University avenue, east side, 1,163.63 ft. north of West 183rd street (Block No. 3212, Lot No. 57), The Bronx.

APPLICATION, under section 7a of the building zone resolution,

TO PERMIT in a residence district the alteration and extension of an existing (frame) business building.

APRIL 2, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 2, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

CAL. NO. 337-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Solomon Gelfand, applicant, on behalf of Annie Livshitz, owner, to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops; premises 1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Brooklyn.

CAL. NO. 15-35-BZ—Application, January 14, 1935, under section 21 of the building zone resolution, of Edgar J. Moeller, applicant, on behalf of Claude H. Birdsall, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2093-2099 Flatbush avenue and 4401-4413 Avenue N, northeast corner (Block No. 7869, part of Lot No. 2), Brooklyn.

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corpora-

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tion, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389 - 395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 2, 1935, 2 P. M.

Appeals from Administrative Orders.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

312-34-A—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, April 2, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

CAL. NO. 362-34-BZ—Application, December 26, 1934, under section 21 of the building zone resolution, of Abraham N. Horwitz, applicant, on behalf of 1230 Jerome Avenue Corporation, owner, to permit in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1227-1229 River avenue and 1230 Jerome avenue, east side, 165 feet 6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 8, 1935, AT 2 P. M.

Building Zone Cases.

182-30-BZ.

APPLICANT—Marshall & Marshall, for Jennie MacDonald, owner.

PREMISES—8918-8932 4th avenue, northwest corner of 90th street (Block No. 6064B, Lot No. 65), borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened and restored to Calendar February 19, 1935),

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn).

31-35-BZ.

APPLICANT—Albert E. Schaefer, for Whitlock Holding Corp., owner.

PREMISES—1506 Jerome avenue, east side, 55.36 ft. north of East 172nd street (Block No. 2846, Lot No. 4), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of an existing building to a motor vehicle repair shop.

55-35-BZ.

APPLICANT—Samuels & Samuels, for Esther Weiss, owner.

PREMISES—5255-5265 Kings Highway and 5302 Preston Court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

APRIL 9, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 9, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 340-34-BZ—Application, December 4, 1934, under section 21 of the building zone resolution, of Richard Morrison, applicant, on behalf of New York Central Railroad Company, owner, to permit in a business district the use of a plot of ground as a parking space for more than five (5) motor vehicles; premises west side of Newell street, 72 ft. 5 in. south of Gun Hill road (Block No. 3358, part of Lot No. 1), The Bronx.

CAL. NO. 342-34-BZ—Application, December 3, 1934, under section 21 of the building zone resolution, of Albert M. Lee, applicant, on behalf of Seventy-Fourth Street Manhattan Corporation, owner, to permit in a residence district the alteration and conversion of two (2) existing dwellings into a building to be occupied for business purposes (stores on first story); premises 231-233 West 74th street (Block No. 1166, Lot Nos. 13 and 14), Manhattan.

CALENDAR

CAL. NO. 327-34-BZ—Application, November 20, 1934, under section 21 of the building zone resolution, of Martin J. Ort, applicant, on behalf of Arthur Mulvaney, owner, to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop; premises 615 Baltic street, northeast corner of 4th avenue (Block No. 937, Lot No. 1), Brooklyn.

CAL. NO. 20-35-BZ—Application, January 22, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Edward G. Falter, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 711-719 Gun Hill road, north side, 100 ft. east of White Plains road (Block No. 4657, Lot No. 8), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

APRIL 9, 1935, 2 P. M.

Appeal from Administrative Order.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

APRIL 16, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 16, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 894-28-BZ—Application of Samuels and Samuels, on behalf of Gustaf Larson, owner, reopened and restored to Calendar January 22, 1935, under section 21 of the building zone resolution, to permit upon a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2702-2712 Foster avenue and 1285-1289 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

APRIL 16, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, April 16, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone resolution, of Mario J. Cafiero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, MARCH 19, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, March 12, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, March 12, 1935, were approved as printed in Bulletin No. 12, Vol. XX.

BUILDING ZONE CASES.

288-34-BZ.

APPLICANT—Kennedy & Ellner, for Ignatz Wohl, owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

APPEARANCES—

For Applicant: William E. Kennedy, Harry Sullivan, Clarence Leventhal.

For Opposition: Morris Heller, Carrie Goldman, Otto Albright, L. C. Squire, Julius S. Sackman.

ACTION OF BOARD—Laid over to April 2, 1935, at 2 p. m., for report of committee on inspection; no further argument.

349-34-BZ.

APPLICANT—Christopher McGrath, for Blanche Rosenberg, owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

APPEARANCES—

For Applicant: G. Thomas Costello.

For Opposition: S. F. Reynolds, Peter Sinnott.

ACTION OF BOARD—Laid over to April 2, 1935, at 10 a. m., upon request of applicant's representative.

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362-34-BZ.

APPLICANT—Abraham N. Horwitz, for 1230 Jerome Avenue Corp., owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1227-1229 River avenue and 1230 Jerome avenue, east side, 165 ft. 6 in. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

APPEARANCES—

For Applicant: Abraham N. Horwitz, George Bogart.

For Opposition: Abraham Wilson, Earl C. Galant, Edward F. Clark, Jr., Ralph Whitehead, Albert Winter.

ACTION OF BOARD—Laid over to April 2, 1935, at 2 p. m., for report of committee on inspection; no further argument.

328-34-BZ.

APPLICANT—Henry Nordheim, for Max Mirowitz, owner.

SUBJECT—Application (re: decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1449 Vyse avenue, west side, 100 ft. south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

APPEARANCES—

For Applicant: Henry Nordheim.

For Opposition: Edward Reitman.

ACTION OF BOARD—Application withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Negative	0
Absent	0

Adjourned, 1:00 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, MARCH 19, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

273-34-BZ.

APPLICANT—Nathan D. Shapiro and Brothers, for Mansfield Service Station, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the extension of an existing gasoline service station and also the erection and maintenance of an office, auto laundry and greasing pits.

PREMISES AFFECTED—1314-1332 Ocean avenue, west side, 100 ft. south of Avenue "H" (Block No. 6703, Lot No. 55), Brooklyn.

APPEARANCES—

For Applicant: Nathan D. Shapiro.

For Opposition: None.

ACTION OF BOARD—Laid over to March 26, 1935, at 2 p. m., applicant to file with the board revised plans, after submission of same to architect of Brooklyn College.

289-34-BZ.

APPLICANT—Mario J. Cafiero, for Nathaniel Potter, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit in a residence district the extension in area of an existing garage and automobile repair shop.

PREMISES AFFECTED—308 Monroe street, south side, 150 ft. east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

APPEARANCES—

For Applicant: Fred Olderman.

For Opposition: Francis V. La Ruffa.

ACTION OF BOARD—Laid over to April 16, 1935, at 2 p. m., for report of committee of inspection. No further argument.

223-31-BZ.

APPLICANT—John Kenlon, for Leo Nadel, owner.

SUBJECT—Request for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northeast corner of East Tremont avenue and Baisley avenue (Block No. 5333, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Gustave Goldman.

ACTION OF BOARD—Request to reopen, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Negative	0
Absent	0

858-22-BZ.

APPLICANT—Thomas W. Lamb, Inc., for Abingdon Amusement Corp., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district extending into a residence district the erection of an additional story on a theatre building, which theatre building was previously granted by the board.

PREMISES AFFECTED—524-532 Eastern parkway, southwest corner of Nostrand avenue (Block No. 1268, Lot No. 34), Brooklyn.

APPEARANCES—

For Applicant: H. J. Williams.

ACTION OF BOARD—Application reopened, subject to calendar call, etc.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Negative	0
Absent	0

MINUTES

1339-27-BZ.

APPLICANT—William A. Lacerenza, for Day Service Station, Inc., owner.

SUBJECT—Request for reopening—restoration to Calendar—re Application (decision of the commissioner of buildings) under section 21, to permit in a business district the erection and maintenance of a gasoline service station and auto repair shop.

PREMISES AFFECTED—1605-1611 Coney Island avenue, northeast corner of Locust avenue (Block No. 6731, Lot No. 65), Brooklyn.

APPEARANCES—

For Applicant: Hyman Shapiro.

ACTION OF BOARD—Request to reopen denied.

THE VOTE TO REOPEN—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(1339-27-BZ)

WHEREAS, this application to permit in a business use district the erection and maintenance of a gasoline service station at premises 1605-1611 Coney Island avenue, northeast corner of Locust avenue (Block No. 6731, Lot No. 65), Borough of Brooklyn, was denied by the board on July 17, 1928; and

WHEREAS, Hyman Shapiro, attorney for the present owner, Day Service Station, Inc., requested a reopening of the case and a reconsideration of the action of the board on the ground of new facts and conditions, and to include a motor vehicle repair shop in addition to the gasoline service station; and

WHEREAS, a committee of the board inspected these premises on February 21, 1935, verbal report of which inspection was made at the hearing by the Chairman on behalf of the Committee; and

WHEREAS, the Board deemed that no substantial new facts or conditions had been presented to justify a reopening of the case and that the addition of a motor vehicle repair shop was an increased invasion of the business district; and

WHEREAS, the board is without authority under decisions of the court, to review a case once denied unless substantial new facts and conditions are presented.

Resolved, that the request to reopen be and it hereby is *denied*.

113-34-BZ.

APPLICANT—Sidney Lipston, for Morris Gorelik, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the conversion of an existing warehouse to a motor vehicle repair shop and garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1009 Myrtle avenue (Block No. 1749, Lot No. 48), Brooklyn.

APPEARANCES—

For Applicant: Sidney Lipston.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(113-34-BZ)

WHEREAS, Sidney Lipston, for Morris Gorelik, owner, filed

April 25, 1934, an application under the building zone resolution to permit in a business district the conversion of an existing warehouse to a motor vehicle repair shop and garage for more than five (5) motor vehicles; premises 1009 Myrtle avenue (Block No. 1749, Lot No. 48), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Myrtle avenue is in a business district; Stockton street is in a business district; Sumner avenue is in a business district and Throop avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, re Applic. No. 1620, rendered April 4, 1934, reads:

"Application denied contrary to Art. 2, Sect. 4 of the zone resolutions, repair shop and garage for more than 5 cars in a business zone."

and

WHEREAS, the building is of non-fireproof construction one story in height, with a frontage of 25 feet and a depth of 100 feet, erected for occupancy as a storage warehouse, it is proposed to occupy the building as a motor vehicle repair shop and garage for more than five motor vehicles; and

WHEREAS, these premises were the subject of an inspection by a committee of the board, which inspection was made on March 7, 1935, and verbal report of which inspection was made by the chairman on behalf of the committee at this hearing; and

WHEREAS, it was the opinion of the committee that no hardship existed as claimed; that although the neighborhood at the present time is slightly run-down, there was no reason for introducing this non-conforming use which would only tend to further deteriorate the neighborhood; and

WHEREAS, applicant had stated at the public hearing that owner could use building for a conforming use in event board did not desire to grant a variation; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution, practical difficulties or unnecessary hardships.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application under section 21 be and it hereby is *denied*.

287-34-BZ.

APPLICANT—Samuel Rosenblum, substituted for Howard Kelly, for Mutual Life Insurance Co., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business and partly in a residence district, the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), The Bronx.

APPEARANCES—

For Applicant: Samuel Rosenblum.

For Opposition: Earl I. Gallant.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(287-34-BZ)

WHEREAS, Samuel Rosenblum substituted for Howard Kelly, for Mutual Life Insurance Company, owner, filed

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October 1, 1934, an application under the building zone resolution to permit partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station; premises northeast corner of Morris avenue and East 170th street (Block No. 2786, part of Lot No. 29), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that East 170th street is in a business district; Morris avenue is in a residence and business district, and College avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, re N.B. Application No. 16-1935, rendered January 18, 1935, reads:

"1. Erection of building and occupancy of premises on plot partly in business district and partly in residence district for use as gasoline service station is contrary to provisions of building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 95 ft. on East 170th street, 72.5 ft. on Morris avenue and a distance of 100 ft. along the east lot line. The north portion of the plot extends into the residence district for a distance of approximately seven (7) feet—the remainder of the plot is in the business district. It is proposed to erect on the premises a one story structure 60 ft. by 24 ft. in area to be used as office, grease pits and auto washing and also to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises were subject to an inspection by a committee of the board on March 7, 1935, verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, it was the opinion of the committee that inasmuch as the Court of Appeals had determined that parking is a legal condition in a business use district, that the applicant should determine if he cannot obtain sufficient revenue to meet carrying charges by using his premises for such a conforming use rather than as a gasoline service station; and

WHEREAS, the committee recommended the denial of this application without prejudice to the reopening of the case by the applicant; and

WHEREAS, the board deems that applicant had not at this time substantiated the basis of his application under section 21, unnecessary hardship and practical difficulties.

Resolved, that the Board of Standards and Appeals does hereby *affirm* the decision of the commissioner of buildings and that the application be and it hereby is *denied* without prejudice to a renewal of this application after sufficient opportunity has been given to determine whether the use of these premises as a parking space would not give sufficient revenue to carry the property.

589-31-BZ.

APPLICANT—Albert Zimmer, present owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—159-01 to 159-03 114th avenue (Linden boulevard), northeast corner of 159th street and 159-02 to 159-04 Meyer avenue (Block No. 2958, Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Richard C. Kembrick.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Negative	0
Absent	0

THE RESOLUTION—

(589-31-BZ)

WHEREAS, this application, affecting premises 159-01 to 159-03 114th avenue (Linden boulevard), northeast corner of 159th street, and 159-02 to 159-04 Meyer avenue (Block No. 2958, Lot No. 1), Jamaica, Borough of Queens, was granted by the board at its meeting March 4, 1932, on certain conditions, and applicant requested an extension of time to complete the work which was granted by the board February 23, 1934, and applicant now requests a further extension of time; and

WHEREAS, this property was inspected by a committee of the board since the request for extension; and

WHEREAS, the request for extension was filed on February 15, 1935, the permit did not expire until February 23, 1935, and the request was therefore well within the year.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* resolution adopted by the board on March 4, 1932 in so far as it affects the obtaining of permits and completion of work, so that as amended this clause of the resolution shall read:

"... that all permits shall be obtained within six months and all work completed within one year from the date of this amended action, *on condition* that other than as amended herein the resolution adopted by the board on March 4, 1932, shall be complied with in all respects."

404-31-BZ.

APPLICANT—Ferdinand Savignano, for John Cirpriano, present owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Brooklyn.

APPEARANCES—

For Applicant: Arnold Lederer.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(404-31-BZ)

WHEREAS, this application affecting premises 6413-6423 Fort Hamilton parkway and 949-957 65th st. (Block No. 5743, Lot No. 40), Borough of Brooklyn, was granted by the board, July 19, 1932, on certain conditions and applicant requested an amendment of the resolution.

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Resolved, that the board of standards and appeals *does* hereby *amend* its resolution adopted July 19, 1932, by adding the following paragraph:

"That there may be also erected within the building line two illuminated signs, the supports for which shall be within the building line, located where indicated on plans filed February 18, 1935, one toward the northerly property line along Fort Hamilton parkway and one on 65th street, *on condition* that these signs shall advertise only the brand of gasoline sold; that the curbs required to be erected on the building line, as heretofore described, may be omitted pending the widening of the roadway of Fort Hamilton parkway, this period, however, not to exceed two years from the date of this amended resolution; *on further condition* that all roof signs shall be eliminated and all signs eliminated other than those herein permitted; and that the resolution adopted by the board on July 19, 1932, other than as herein amended, shall be complied with in all respects.

394-29-BZ

APPLICANT—The Texas Company, lessee.

SUBJECT—Application for reopening—amendment—re Application (decisions of the superintendent of buildings and the fire commissioner) under sections 7g and 21 of the building zone resolution, permitting partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southwest corner of Elmhurst avenue and Case street (Block No. 677, part of Lot No. 1), Elmhurst, Borough of Queens.

APPEARANCES—

For Applicant: R. E. FitzGibbons.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(394-29-BZ)

WHEREAS, this application affecting premises southwest corner of Elmhurst avenue and Case street (Block No. 677, part of Lot No. 1), Elmhurst, Borough of Queens, was granted by the board December 3, 1929, on certain conditions and applicant requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals hereby amend its resolution of December 3, 1929, so that as amended the resolution will read as follows:

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 of the building zone resolution, *on condition* that no gasoline pump shall be erected within 10 feet of any street building line; that there shall be erected along the building line of the three street fronts a reinforced concrete curbing not less than 5 inches in height nor less than 12 inches in width with not more than two openings to any street front or a total of not more than six openings; that no opening shall exceed 25 feet in width; that the curb cuts opposite shall not exceed 30 feet in width; that the buildings on this plot shall consist of an office section and greasing section

and shall not exceed one story in height and shall be constructed of fireproof materials except that the roof beams, roof boarding, door frames and doors, window frames and sash may be of wood, provided the roof is weather-surfaced with non-inflammable roofing and the ceilings throughout fire-retarded in accordance with the rules of the Board of Standards and Appeals; that the fronts of these accessory buildings shall be faced with brick or architectural terra cotta; that the greasing pits section shall have a front open to the outer air; that there shall be no openings in the rear wall of this building facing on adjoining property unless the building is set off from the rear property line of the plot a distance of not less than three feet, but any such windows shall have fireproof frames and sash; that there shall be no portable gasoline tanks maintained or operated on the premises; that advertising shall be confined to the illuminated globes of the pumps and to permanent flat signs on the facade of the accessory building and to not over two post standards erected within the building line and carrying signs which may be illuminated, advertising the brand of gasoline for sale; that there shall be no motor vehicle repairing permitted on the premises and no parking of cars thereon other than those being serviced; that there shall be no open excavation under the accessory buildings except the pits for the greasing racks; that the plans submitted marked "Received March 6, 1935", are hereby approved, as complying with the requirements of this resolution as to the accessory building, provided the rear windows are made to comply with the requirements thereof; that the entire plot where not covered by accessory buildings shall be either cement paved or covered with asphalt paving; that all permits required shall be obtained within three months and all work involved completed within nine months from the date of this amended resolution.

468-27-BZ.

APPLICANT—Conroy and Hardy, for Hazel R. Dunkum, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6414-6424 Fort Hamilton parkway, northwest corner of 65th street (Block No. 5743, Lot Nos. 26 and 28), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(468-27-BZ)

WHEREAS, this application affecting premises 6414-6424 Fort Hamilton parkway, northwest corner of 65th street (Block No. 5743, Lot Nos. 26 and 28), Borough of Brooklyn, was granted by the board on certain conditions, and owner, through his attorneys, requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals hereby *amend* its resolution adopted April 15, 1930, as

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amended by resolution adopted July 28, 1931, in the following respects:

"that in addition to advertising signs heretofore permitted there may also be erected two post standards signs within the building line, one on Fort Hamilton parkway and one on 65th street, which signs may be illuminated and advertising only the brand of gasoline for sale; that a permanent flat sign attached to the front of the accessory building may also be permitted; that the requirements heretofore stated as to the erection of curbs on the building line may be postponed pending the widening of the roadway of Fort Hamilton parkway, but in no event beyond a period of two years from the date of this amended resolution; *on condition* that the curb cuts on both street front shall not exceed those there at present and shall not exceed 25 feet wide each; that there shall be no motor vehicle repair work done on the premises and no portable gasoline pumps used on or from the premises; that other than as amended herein, the resolution adopted by the board on April 15, 1930, as amended by resolution of July 28, 1931, shall be complied with in all respects."

11-33-BZ.

APPLICANT—M. Bache, for Richmond Boro Home Sites Corp., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under sections 7-F and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2485 Hylan boulevard, northwest corner of New Dorp lane (Block No. 3649, part of Lot No. 1), New Dorp, Richmond.

APPEARANCES—

For Applicant: M. Bache.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(11-33-BZ)

WHEREAS, this application affecting premises 2485 Hylan boulevard, northwest corner of New Dorp lane (Block No. 3649, part of Lot No. 1), New Dorp, Borough of Richmond, was granted by the board at its meeting May 2, 1933, amended June 20, 1933, and July 18, 1933, and applicant now requests an extension of the time limit imposed.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution of May 2, 1933, as amended by resolutions of June 20, 1933, and July 18, 1933, only as to the time of duration of the permit, so that as amended this portion of the resolution will read:

"*Granted* for a temporary period of two years under sections 7-F and 21, from the date of this amended resolution, *on condition* that other than as amended herein the resolution adopted by the board on May 2, 1933, as amended by resolutions of June 20, 1933, and July 18, 1933, shall be complied with in all respects."

683-29-BZ.

APPLICANT—Wanda Verplaetse, for Estate of Caroline Rodgers, owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the superintendent of buildings) under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—56 Sand lane, southwest corner of Hylan boulevard (Block No. 3266, Lot No. 30), Arrochar, Borough of Richmond.

APPEARANCES—

For Applicant: Wanda Verplaetse.

ACTION OF BOARD—Application reopened and permit extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND PERMIT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(683-29-BZ)

WHEREAS, this application affecting premises 56 Sand lane, southwest corner of Hylan boulevard (Block No. 3266, Lot No. 30), Arrochar, Borough of Richmond, was granted by the board April 7, 1931, for a period of two years' time extended March 14, 1933, and applicant requests a further extension of permit.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution adopted April 7, 1931, as amended on March 14, 1933, so as to extend the permit under section 7, sub-division F' for a period of two years from the date of this amended resolution, *on condition* that the resolution adopted by the board on April 7, 1931, shall be complied with in all respects except as to the term therein set forth and *on the further condition* that the existing arrangement and structure shall not be materially altered.

APPEALS FROM ADMINISTRATIVE ORDERS.

312-34-A.

APPELLANT—Croker Fire Prev. Corp., for Constable Estate, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Maher of the department of buildings.

ACTION OF BOARD—Laid over to April 2, 1935, at 2 P. M., upon written request of appellant.

307-34-A.

APPELLANT—Edwin W. Kleinert, for Wheeler Shipyard, Inc., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

APPEARANCES—

For Appellant: Edwin W. Kleinert.

For Administration: None.

ACTION OF BOARD—Laid over to March 26, 1935, at 2 P. M., on request of appellant.

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348-34-A.

APPELLANT—The Mantrose Corporation, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

APPEARANCES—

For Appellant: Samuel Rosenblum.

For Administration: Inspector Meyer of the fire department.

ACTION OF BOARD—Laid over to April 9, 1935, at 2 P. M., upon request of appellant's representative.

52-35-A.

APPELLANT—Edwin H. Snackenberg, for Ralph Holding Corp., lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1657-1663 Flatbush ave., east side, 120 ft. north of Avenue I (Block No. 7578, part of Lot No. 38 and Block No. 7579, Lot Nos 10 and 24), Brooklyn.

APPEARANCES—

For Appellant: Edwin H. Snackenberg.

For Administration: None.

ACTION OF BOARD—Laid over to March 26, 1935, at 2 P. M., for inspection by a committee of the board.

57-35-A.

APPELLANT—Benjamin B. Maksik, for Premier Assets Corp., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1400 51st street and 5101 14th avenue, southeast corner (Block No. 5667, Lot No. 7); adjoining building 5107 14th avenue, Brooklyn.

APPEARANCES—

For Appellant: Benjamin B. Maksik.

For Administration: None.

ACTION OF BOARD—Laid over to March 26, 1935, at 2 P. M., for further consideration by the board.

63-35-A.

APPELLANT—David Kaufman, for The G. B. Farrington Co., lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—59 Water street (Block No. 32, Lot No. 9), Manhattan.

APPEARANCES—

For Appellant: David Kaufman.

For Administration: Inspector Maher of the department of buildings.

ACTION OF BOARD—Laid over to March 26, 1935, at 2 P. M., for inspection by a committee of the board.

266-32-A.

APPELLANT—Talley and Lamb, for John J. Tally Estate, owner.

SUBJECT—Request for reopening—restoration to Calendar—re Appeal from a decision of the superintendent of buildings.

PREMISES AFFECTED—262-264 Seventh avenue, northwest corner of West 25th street (Block No. 775, Lot Nos. 36 and 37), Manhattan.

APPEARANCES—

For Appellant: Alfred J. Talley.

ACTION OF BOARD—Request to reopen denied.

THE VOTE TO REOPEN—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(266-32-A)

WHEREAS, this appeal affecting premises 262-264 Seventh avenue, northwest corner of West 25th street (Block No. 775, Lot Nos. 36 and 37), Borough of Manhattan, was granted by the board July 6, 1932, on certain conditions and the owner requested a reopening of the case and an amendment of the conditions; and

WHEREAS, this request to reopen was dismissed for lack of prosecution February 19, 1935; and

WHEREAS, the owner requested a reconsideration of his request for reopening stating that his failure to appear at the hearing February 19, 1935 was due to a misunderstanding of the date of hearing; and

WHEREAS, a committee of the board inspected these premises and found that any action of the board in granting the amendment requested would bring the case within the prohibition of the provisions of section 21 of the building zone resolution; and

WHEREAS, the board is without authority under decisions of the court to vary the provisions of the building zone resolution to permit a gasoline service station where the premises are located in a street between the intersecting streets on which there is located an exit from or an entrance to a public school.

Resolved, that the request to reopen be and it hereby is denied.

53-35-A.

APPELLANT—Francis Y. Joannes, for American Cyanamid Co., lessee.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—30 Rockefeller Plaza (Block No. 1265, Lot No. 2), Manhattan.

APPEARANCES—

For Appellant: Francis Y. Joannes.

For Administration: Inspector Meyer of the fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(53-35-A)

WHEREAS, Francis Y. Joannes, for American Cyanamid Co., lessee, filed February 28, 1935, an appeal from an order of the fire commissioner, affecting premises 30 Rockefeller Plaza (Block No. 1265, Lot No. 2), Borough of Manhattan; and

WHEREAS, Order No. 4533-LC of the fire commissioner, dated November 14, 1934, reads:

"A recent inspection of your premises indicates that the following must be done otherwise permit No. 387656 which is dated to expire August 14th, 1935 will be revoked:

"1. Remove the refrigerating system or systems from the stairway or hall of the building, as per Sec. 219 (f) Chapter 10.

"P.S. Applies to machines on 57th, 58th, 59th and 60th floors. North, South and Center hallways.

"Please notify this department promptly when this order has been complied with."

and

WHEREAS, the decision of the fire commissioner, dated February 20, 1935, reads:

MINUTES

"In reply to your letter of February 14, 1935, kindly be advised that this department cannot give any extension of time for compliance with order number 4533-LC, which was issued against your refrigerating plant on November 14, 1934."

and
WHEREAS, the building, erected in 1934, is fireproof, 70 stories in height, 107 ft. 8 in. by 316 ft. 6 in. in area; OCCUPIED as an office building; and

WHEREAS, there are located upon the floors enumerated in the order dated November 14, 1934, refrigerating apparatus (labelled "cooler" on filed plans) consisting of electrically operated water coolers, each consisting of a hermetically sealed unit containing less than 2½ lbs. of SO₂ as a refrigerating agent; and

WHEREAS, appellant contends that the halls in which coolers are located are cut off from elevator lobbies by hollow metal doors having self closers attached. Coolers are placed in recesses so as not to obstruct the halls; the entire premises occupied by the applicant are fully air conditioned. Fresh outside air is taken into the system on the north side of the building in the pipe gallery over the 58th story, is then either warmed or cooled and forced through metal ducts to the various rooms and spaces. The exhaust system consists of a set of metal ducts on the ceilings of the halls with metal grilles in these ceilings. The halls themselves form part of the exhaust system and undergo 6 to 12 changes of air per hour. The exhaust flow is westward and away from elevator lobbies. The exhaust air is collected at the west end of the 59th floor and expelled from the building on the south side of the 58th floor pipe gallery. Appellant contends further that halls in which coolers E and F are located on the 57th floor are not air conditioned or mechanically ventilated.

Resolved, that the order of the fire commissioner, No. 4533-LC be and it hereby is *modified* and that the appeal be and it hereby is *granted*, permitting the continuation of the refrigerating units used for water cooling at the points indicated on plans filed with this appeal marked "Received February 28, 1935," on condition that the floors occupied by this tenant shall be occupied exclusively by this tenant or by companies closely associated therewith and that no additional water coolers shall be installed other than those now in position as indicated on plans filed with this appeal and that the stairways and public halls other than halls or corridors within the area occupied by this tenant shall be entirely cut off from the balance of the floors with fireproof partitions and self-closing, fireproof doors.

62-35-A.

APPELLANT—Ansonia Fire Prevention Engineering Co., Inc., for Board of National Missions of the Presbyterian Church in U. S. A., et al., owners.

SUBJECT—Appeal from orders and a decision of the commissioner of buildings.

PREMISES AFFECTED—154-158 Fifth avenue and 1-3 West 20th street, northwest corner (Block No. 822, Lot No. 31), Manhattan.

APPEARANCES—

For Appellant: Herman E. Horwood.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(62-35-A)

WHEREAS, Ansonia Fire Prevention Eng. Co., for Board

of National Missions of the Presbyterian Church in U. S. A., et al., owners, filed March 9, 1935, an appeal from orders and decision of the commissioner of buildings, affecting premises 154-58 5th avenue, and 1-3 West 20th street (Block No. 822, Lot No. 31), Borough of Manhattan; and

WHEREAS, the orders of the commissioner of buildings, dated January 18, 1935, read:

(Order No. 18820-F)

"You are hereby ordered and required, within 20 days from the date of the service of this order to:

"10. Provide approved 2½ in. outlet valves with sufficient 2½ in. approved hose to replace the present 2 in. valves at each story."

(Order No. 18821-F)

"1. Raise the standpipe gravity tank so that the bottom of said tank is not less than 20 ft. above the hose outlet in the highest story. Sections 580-1, Chapter 5, Code of Ordinances and Rules of Board of Standards and Appeals."

and

WHEREAS, the decision of the commissioner of buildings, dated February 19, 1935, reads:

"In reference to your request to rescind Order 18821-F in reference to elevating the standpipe tank installed on the above premises and item 10 of Order 18820-F requiring 2½ inch hose valves at all hose outlets, you are advised that as the building exceeds 85 feet in height and the standpipe system fails to comply with Rule 91 of the Standpipe Rules, your request must be denied."

and

WHEREAS, the building, erected in 1894, is fireproof, 13 stories (178 ft.) in height, 192 ft. by 92 ft. in area; OCCUPIED: 1st story—stores: 2nd to 12th, incl., stories—offices; 13th floor—tank room, studios, caretaker's apartment; and

WHEREAS, the building is provided with a standpipe system which is fed from two (2) steel gravity tanks—each tank having a capacity of 31,000 gallons; the bottoms of these tanks are located approximately 9 ft. above the outlet in the top (12th) story of the building; and

WHEREAS, appellant proposes to arrange the house supply on the outside of both these tanks so that there will be a reserve of 3,500 gallons for the standpipe;; as to Item 10 of Order No. 18820-F, contends that the present 2 inch valves at each story were accepted by the authorities having jurisdiction at the time the standpipe system was installed during the erection of the building; contends that each of the valves is equipped with a bushing so that the outlet side of the valve is now 2½ inches and that each outlet is provided with 2½ inch hose.

Resolved, that the orders of the commissioner of buildings, Nos. 18820-F and 18821-F, be and they hereby are modified, permitting the gravity tanks to remain at their present location, on condition that the bottom of the tank shall not be less than 8 feet 9 inches above the hose outlet on the highest main story; that these tanks shall be so arranged that there shall at all times be not less than 3,500 gallons of water available for the standpipe service only; permitting the hose nozzles to be retained at the present diameter of 2 inches, on condition that all hose outlets shall be equipped with bushings of the standard 2½-inch diameter with fire department thread; that the hose nozzles on the top story shall be reduced to ½-inch in diameter; that the penthouse areas on the roof shall be equipped with such portable auxiliary fire-fighting appliances as the commissioner may direct; that other than as modified herein, the Standpipe Fireline System shall comply with Rule 91 of the Standpipe Fireline Rules of the Board of Standards and Appeals in all respects.

246-33-A.

APPELLANT—Rosenthal Bros. Amusements, Inc., owner.

SUBJECT—Application for reopening—extension of permit—re Appeal from a decision of the fire commissioner.

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PREMISES AFFECTED—West Island, 4,000 ft. off Bulkhead line, foot of Rockaway avenue, Jamaica Bay, Brooklyn.

APPEARANCES—

For Appellant: Jacob Rosenthal.

ACTION OF BOARD—Appeal reopened and permit extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND PERMIT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(246-33-A)

WHEREAS, this appeal affecting premises West Island, 4,000 ft. off Bulkhead line, foot of Rockaway avenue, Jamaica Bay, Borough of Brooklyn, was granted by the board July 18, 1933, on certain conditions, and appellant requests an extension of permit.

Resolved, that the resolution adopted by the board on July 18, 1933, be and it hereby is *amended*, so that as amended it will read as follows:

"*Granted on condition* that the fireworks display shall be limited to Thursdays for one, ½ hour period, each day, between the hours of 9 p. m. and 10 p. m. and limited to the period commencing May 16, 1935, and ending September 26, 1935, both inclusive; that the display of fireworks shall be limited to the westerly end of West Island within an area not exceeding 200 ft. square, directly in line with the concrete pier of the City of New York at the foot of Rockaway parkway, the distance from same to West Island being approximately 4,000 ft.; that the discharge and display of fireworks shall at all times be under the supervision of a person holding a certificate of fitness, who has passed an examination conducted by the bureau of combustibles of the fire department as a pyro-technist; that the appellant shall at all times hold a permit from the bureau of combustibles of the fire department permitting such fireworks display; that no fireworks of a prohibited nature shall be used, and that all the regulations of the fire department shall be complied with by the appellant or his representative in charge relative to the storage, handling and display of fireworks."

PETITION FOR VARIATION

60-35-S.

PETITIONER—S. A. Swenson, for The O. B. Potter Properties, Inc., owner.

SUBJECT—Petition for variation of the labor law as cited in orders of the commissioner of buildings.

PREMISES AFFECTED—130-132 Fifth avenue and 1 West 18th street, northwest corner (Block No. 820, Lot No. 38), Manhattan.

APPEARANCES—

For Petitioner: S. A. Swenson.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Petition granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(60-35-S)

WHEREAS, S. A. Swenson, for The O. B. Potter Properties, Inc., owner, filed March 7, 1935, a petition for a variation from the requirements of the labor law, as cited in orders of the commissioner of buildings, affecting premises 130-132 Fifth avenue and 1 West 18th street, northwest corner (Block 820, Lot 38), Borough of Manhattan; and

WHEREAS, the orders of the commissioner of buildings, dated February 15, 1935, read: (Order No. 19604-LD).

"An inspection of the premises 130-132 Fifth avenue, Borough of Manhattan, shows that a fire drill should be established and maintained therein according to the requirements of Section 279 of the Labor Law. The Labor Law specifically charges the fire commissioner with the duty of enforcing the provisions of the law, as to fire drills.

"This law also holds the owner of such premises responsible for the proper supervision and maintenance of fire drills. It is, therefore, your duty to organize and maintain a fire drill in the above premises in accordance with the rules and regulation of the Board of Standards and Appeals.

"A record of such drills, including the name and number of each certified drill conductor engaged in conducting each drill, the date of each drill and the number of persons taking part in each drill, shall be transmitted by you or your representative to this office semi-annually."

(Order No. 19603-LD)

"1. Install an adequate interior electric fire alarm system in accordance with the Rules of Board of Standards and Appeals, Section 279 of the Labor Law, and the enclosed approved layout;"

and

WHEREAS, the building, erected in 1903, is fireproof, 11 stories in height, 75 ft. by 130 ft. in area; OCCUPIED: cellar—bank and engineering room; 1st story—banking offices—35 persons; 2nd story—clothing stock—10 persons; 3rd story—overcoat stock and cutting—12 persons; 4th story—clothing cutting—20 persons; 5th story—clothing cutting and storage—5 persons; 6th story—men's clothing manufacture—15 persons; 7th story—clothing manufacture—15 persons; 8th story—men's suit stock—20 persons; 9th story—clothing pants manufacture—30 persons; 10th story—shirt manufacture—65 persons; 11th story—vacant; EQUIPPED with a sprinkler system; EXITS: two interior iron riser and slate tread stairways, extending from the 1st story to roof, enclosed in 6 inch terra cotta partitions with kalameined doors at openings; a fire escape on the rear northerly side of the building, having fireproof openings along the course thereof, extending from the 2nd story to the ground; and

WHEREAS, petitioner contends that the building is equipped with an automatic sprinkler equipment having two sources of supply, viz.: gravity tank of 20,000-gallon capacity and two pressure tanks of 5,000-gallon capacity each; that the premises are entirely protected with the exception of the space occupied for banking purposes on the first floor; the hallways on this floor are protected as are both of the stair enclosures; that the building is provided with a standpipe system supply from gravity tank, risers and hose connections in each stair enclosure and in addition fire pails are distributed throughout the building and that exit facilities are provided through two six inch terra cotta enclosed stair towers—one on the Fifth avenue side of the building and the other on the West 18th street side and in addition there is an outside fire escape in the rear of the building.

Resolved, that the Board of Standards and Appeals *does* hereby *make a variation* in the requirements of the labor law, and that the petition be and it hereby is *granted* as to Order Nos. 19603-LD and 19604-LD of the commissioner of buildings, so as not to require the installation of interior fire alarm system and so as not to require a fire drill on

MINUTES

condition that the building shall comply with the requirements of the labor law throughout and shall be protected with a two-source automatic sprinkler system throughout except for the area on the street floor of approximately 8,000 sq. ft., occupied as a bank; that this area so occupied shall be cut off from the balance of the building with fire-proof walls and that any space occupied by the bank other than on the street floor shall be fully protected by the sprinkler system; and that the occupancy of the building shall not exceed by more than 50% the legal permitted occupancy of the stairways as permitted under the labor law for sprinklered buildings.

APPLIANCES SUBMITTED FOR APPROVAL

51-35-SA.

PETITIONER—General Electric Co., owner.

SUBJECT—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service, approval of.

APPEARANCES—

For Petitioner: H. S. Dahl.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to engineer of the board for test and report.

54-35-SA.

PETITIONER—T. O. Sylvester, agent for The Putnam Company, owner.

SUBJECT—Putnam Range Oil burner, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on Reserve Calendar, referred to engineer of the board and bureau of combustibles, fire department for test and report.

291-34-SA.

PETITIONER—John M. Wolf Co., agent for Champion Products Co., owner.

SUBJECT—Champion Range Oil Burner, Models A and B, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

THE RESOLUTION—

(291-34-SA)

WHEREAS, John M. Wolf Co., agent for Champion Products, Co., owner, filed Oct. 16, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Champion Range Oil Burner, Models A and B; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner, Model A, was installed in the ordinary type kitchen range used for cooking and heating purposes. This burner consists of a cast iron base having two pairs of concentric rings with walls $\frac{3}{4}$ in. in height. On each are placed four perforated chromium steel shells. The burner castings are supported on the single iron stand and arm. The base of the supporting pedestal is equipped with three leveling screws and a bolt for fastening it to the ash pit of the range.

The oil supply to the burner is regulated by "V" slot type metering valves, manufactured by the Champion Products Company.

The Model B is the same in construction as the Model A, with the exception that it has only one burner unit. The oil is supplied by means of a two-gallon glass bottle which sets into a reservoir of sufficient size mounted upon a metal pedestal with a 10 in. base. The bottle is supported rigidly in place by means of a clamp attached to a supporting rod from the pedestal. A perforated metal jacket with two hand grips covers the glass bottle. All oil connections are made with extra heavy copper tubing .049 x 5/16.

The Models A and B were the only models set up for a test and inspection. The De Luxe and Waco types were not installed for tests at this time, and as we could not examine them it is impossible for us to make any recommendations for their approval.

It was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain recommendations be carried out in their installation and incorporated on their instruction card.

Resolved, that the Board of Standards and Appeals does hereby approve the Champion Range Oil Burner, Model A and Model B, for domestic installation with range or No. 1 fuel oil when installed in accordance with the oil burner rules of the Board of Standards and Appeals and with the following additional requirements:

1. No connection to be made through any movable section of the range or stove.
2. Where exposed piping is more than 8 in. in length same shall be enclosed in iron piping or "BX" cable. Same to be securely fastened to the floors or walls with non-combustible fasteners as per Rule 7-1A and 1B.
3. That the stand supporting the burners in the fire box of the range shall be bolted securely to ashpit of the range.
4. That the dampers in the ash doors be so arranged that they cannot be fully closed at any time.
5. Oil supply container with its stand shall be at least 24 in. from the range or stove and shall be firmly anchored to the floor.
6. Cracks or crevices between the combustion chamber or other parts of the stove or range shall be carefully sealed with fire clay or other suitable material.
7. Only safety cans approved by the New York Fire Department shall be used for the storage and filling of oil containers.
8. The storage container shall not be filled in the same room when and where burner is in operation.
9. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

UNDER CAL. NO. 291-34-SA

For Use in New York City

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

10. Floor beneath the oil burning device shall be protected by a $\frac{1}{2}$ in. asbestos or other equivalent shield, extending at least 12 inches beyond the outline of such device.
11. The flue shall be provided with a suitable stack check to nullify down draft.
12. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

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48-35-SA.

PETITIONER—Nathan A. Arvintz, for Seal-O-Strain Corp., owner.

SUBJECT—Seal-O-Strain Curb Fill Box for Fuel Oil or Gasoline, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Negative	0
Absent	0

THE RESOLUTION—

(48-35-SA)

WHEREAS, Nathan A. Arvintz, for the Seal-O-Strain Corp., owner, filed February 20, 1935, a petition for approval of their device known as the Seal-O-Strain Curb Fill Box for Fuel Oil or Gasoline; and

WHEREAS, this device was submitted to the engineer of the board and to the bureau of combustibles, fire department, for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The housing of this fill box is made of cast iron and is cylindrical in shape. The upper part of the casting is $6\frac{1}{2}$ in. in diameter by $2\frac{1}{4}$ in. deep, and the base of this casting is depressed into a cylinder $3\frac{1}{2}$ in. in diameter by $3\frac{1}{4}$ in. deep. This lower cylinder is tapped and threaded on the bottom and side for pipe connections. When the lower orifice is used, the side one is plugged and vice-versa. Suspended from the bottom lip of the upper cylinder and extending almost to the bottom of the lower cylinder is a screen made of bronze cloth of 40x40 mesh.

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, February 19, 1935, as they appeared in Bulletin No. 9, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(140-34-BZ)

WHEREAS, Matthew W. DelGaudio, for Carolernesto Realty Co., Inc., owner, filed May 23, 1934; withdrawn July 17, 1934; reopened January 22, 1935; an application under the building zone resolution to permit in a business district the alteration and conversion of occupancy of an existing building to an automobile repair shop; premises: 3114 Jerome avenue, southeast corner of East 204th street (Block No. 3321, Lot No. 36), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jerome avenue is in a business and unrestricted district; Villa avenue is in a residence district and East 204th street is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 25, 1935, Alt. App. No. 196-1934, reads:

"1. Proposed alteration and conversion of building in business district for use as repair shop for motor vehicles is contrary to provisions of building zone resolution."

* *Correction*—Words "towards the easterly end of the building" omitted in lines 43-44 of the resolution.

The "comma" in line 46 changed to a "semi-colon" after the word only and word "and" inserted.

A special valve fitting is attached to the base of the upper cylinder by four stud bolts. Bolted to the bottom of this fitting and extending into the lower cylinder is a bronze frame consisting of four bronze legs joined by two perpendicular cross arms, which act as a valve stem guide for the stem and spring of a ground seated valve, which sets into the opening of this fitting.

The top of the fitting is in the form of a short nipple and is threaded both inside and outside. Inside this nipple and fastened to the upper surface of the valve is a bronze depressor which depresses and opens the valve when the filling hose connection is screwed into place. The cover of the box screws into place being threaded to fit the outside thread of the nipple.

A gasket is inserted between the cover and the body of the fill box proper to insure a tight fit. A special key is necessary to remove the cover. For fuel oil installations, where a tell-tale line must be run from the tank to the fill box a 1 in. deep hole is provided in the upper portion of the gasket. Normally, this box is always closed, except when the tank is being filled; the valve automatically closes upon the removal of the tank wagon connection. These fill boxes come properly marked with raised letters for use in either gasoline or fuel oil storage systems.

It is the opinion of the engineer of the board and of the representatives of the bureau of combustibles that the Seal-O-Strain Fill Box for Gasoline and Fuel Oil is safe for use and therefore recommend its approval.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Seal-O-Strain Curb Fill Box for use in gasoline or fuel oil installations when installed in accordance with the oil burner rules of the Board of Standards and Appeals and with the provisions of Chapter 10 of the Code of Ordinances.

Adjourned, 5:00 p. m.

EDWARD V. BARTON, Chief Clerk.

and

WHEREAS, the building is of non-fireproof construction, one story in height, with a 20 ft. frontage on Jerome avenue and 100 ft. on East 204th street, to be occupied as a repair shop for motor vehicles; and

WHEREAS, the board deemed that applicant has substantiated his basis of appeal under Section 21 of the building zone resolution—hardship, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution under section 21 and that the application be and it hereby is *granted* permitting the building to be used for automobile repairing, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals and *on condition* that the first floor throughout shall be surfaced with reinforced concrete not less than $2\frac{1}{2}$ inches thick over membrane waterproofing and the ceiling beneath covered with wire lath and cement mortar, not less than $\frac{3}{4}$ inch in thickness; that the boiler room shall be separated from the balance of the cellar by a fireproof masonry wall with access to the boiler room from the exterior only; and permitting the removal of the store front along 204th street, as indicated, and the substitution of disappearing overhead doors; that there shall be no skylights in the roof other than the legal skylights for ventilating the toilets; that the automobile repairing shall be limited to such repairing as can be carried on with manual tools and machines requiring motors not greater than $\frac{1}{2}$ h.p. each, excluding heavy repairing requiring forge and anvil work; that acetylene welding and cutting may be permitted, provided a certificate of fitness is duly obtained; that all work shall be completed within one year from the date of this resolution.

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* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, March 5, 1935, as they appeared in Bulletin No. 11, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(363-34-A)

WHEREAS, William Shary, for Raymond Robinson of the Father Devine Peace Mission, lessee, filed December 26, 1934, an appeal from an order of the commissioner of buildings affecting premises 117-119 Macon street, northwest corner Marcy avenue (Block No. 1844, Lot No. 53), Borough of Brooklyn; and

WHEREAS, Order No. 7580/34, of the commissioner of buildings, dated December 6, 1934, reads:

"You will please take notice that there exists a violation of the building code at the premises hereinafter described, in that alterations have been made to the building without a permit and occupancy of building has been changed from its former occupancy, sanitarium, to a place for religious services, sleeping quarters and dining room for occupants of building, about 40 persons, and a sign is displayed on the front of the building announcing the holding of services from 10 a. m. to 10 p. m., in violation of Art. 1, Sec. 4, Para. 1, of building code and Art. 1, Sec. 5 of building code.

You are required to vacate building for these purposes until a certificate of occupancy has been obtained from this department."

and

WHEREAS, the two attached communicating buildings are non-fireproof, 4 stories, basement and cellar (49 feet) in height, 41 feet by 45 feet and 65 feet, irregular in depth; OCCUPIED as a religious mission; cellar, storage and boiler room; basement, kitchen and dining room, 100 seats; 1st story, office and meeting, 78 seats; 2nd story, 6 sleeping rooms, 24 beds; 3rd story, 8 sleeping rooms, 24 beds; 4th story, 8 sleeping rooms, 24 beds; located within a business district; and

WHEREAS, the appellant claims the buildings were erected in 1894; that on March 12, 1918, the superintendent of buildings issued certificate of occupancy No. 29, permitting the entire two buildings to be used as a sanitarium; the buildings are provided with two communicating doorways at the basement and one at each of the other stories, all such doorways are provided with fireproof self-closing doors except the one on 1st story which is unprotected; exits consist of two open wooden stairways, 2 feet 10 inches in width, lo-

* *Correction*—Words "by said Chapter 764 of the laws of 1933," deleted in lines 91 and 92 of resolution; in line 91, following the word law, the words "respecting the proposed conversion or any other requirements of said law" inserted; in line 91, following the word authorized, the word "thereby" inserted.

cated, one in each building extending from basement to top story and ladder to roof scuttle; a fire escape on the rear of the interior building, extending from roof of basement extension to top story, a drop ladder to yard and egress direct to street, with non-fireproof windows on the course thereof; one window opening from each story of the interior building and one window opening from each of the 1st, 3rd and 4th story of the corner building; application No. 15219 was disapproved November 2, 1934, by the commissioner of buildings with the following objections:

(4) Provide 2 means of exit in full compliance with Art. 8 of the code.

(a) Stairs to be 3 feet 8 inches wide.

(b) Fireproof enclosed.

(c) One stair to lead to roof.

(d) Both stairs to lead directly to street.

November 21, 1934, additional objection was made as follows:

(1) Proposed change from sanitarium occupancy to class B. M.D. does not come within Art. 6 M.D.L. Building is subject to all provisions of M.D.L. relative to a hereafter erected building, Sec. 4, sub. 8. Sec. 8, sub. 1 M.D.L.

and

WHEREAS, as a result of court action for a similar Order No. 5609 of 1934, the lessee was fined and directed to suspend the mission meetings; the meetings of the mission have been suspended and the sign formerly displayed on front of building which announced holding of services has been removed; and

WHEREAS, appellant claims that it is proposed to use the premises as a charitable institution for mission purposes, giving shelter to mission members for a nominal contribution and feeding the unemployed who apply daily; this appeal is made for permission to occupy the premises for the proposed use with the existing exits which were accepted by the superintendent of buildings for the use as a sanitarium; furthermore, the appellant contends that the proposed occupancy is within the classification of a public building and not a class B multiple dwelling; and

WHEREAS, it was the opinion of the board that the proposed occupancy above the first story classifies the buildings as class B multiple dwellings and that the multiple dwelling law should be complied with; and

WHEREAS, it is the opinion of the Board of Standards and Appeals that neither the commissioner of buildings nor the board of buildings, nor the Board of Standards and Appeals have any power under Chapter 764 of the laws of 1933 or any other law to vary the requirements of the multiple dwelling law respecting the proposed conversion or any other requirements of said law except as expressly authorized thereby.

Resolved, that the order of the commissioner of buildings, No. 7580-34, and the decision of the commissioner of buildings rendered November 2, 1934, and November 21, 1934, in acting on application No. 15219, be and they hereby are *affirmed* and that the appeal be and it hereby is *denied*.

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2½:5 concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

APPROVED APPLIANCES

Burners for Domestic and Commercial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A. B. C. Oil Burner.....	1295-24-SA	Enterprise Steam Atomizing Burner.....	15-33-SA
A. B. C. Oil Burner, Type H.....	684-29-SA	Enterprise Type Junior "W" Oil Burner, Models 1, 2 and 3.....	225-32-SA
Acme Oil Burner, Models BO-1 and BO-2	132-34-SA	Espo Oil Gas Burner.....	1431-23-SA
Aetna Automatic Oil Burner.....	1547-23-SA	Evenheet Oil Burner.....	554-32-SA
Air-Blast Oil Burner.....	579-32-SA	Everedy Oil Burner.....	102-33-SA
Alladin Oil Burner.....	298-26-SA		
Alexander Oil Burner.....	65-28-SA		
Alida Oil Burner.....	124-34-SA	Fairfield Oil Burner.....	584-31-SA
American Blue Flame and Sun Flame Oil Burning Heaters, Models No. 73, 86, 88, 92, 93, 94, 95 and 96.....	298-33-SA	Faultless Oil Burner.....	493-24-SA
Arcoil Heat Machine.....	632-26-SA	Fluid Heat Domestic Oil Burner, Type O	1094-27-SA
Auto-Heat Oil Burner.....	284-33-SA	Fluid Heat Oil Burner.....	361-32-SA
Autocrat Oil Burner, Model B-1.....	297-31-SA	Forsdraft Oil Burner.....	41-34-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Foster Oil Burner.....	715-26-SA
		Franklin Domestic Oil Burner.....	560-26-SA
Baker Automatic House Heating Burner	1323-22-SA	Freeport-Silent Service Oil Burner, Models 5, 10 and 30.....	97-33-SA
Baker Oil Burner, Model L, Gun Type	404-29-SA	Fuelo Oil Burner.....	47-30-SA
Ballard Baby Grand Oil Burner.....	447-32-SA		
Ballard Super Domestic Oil Burner.....	939-24-SA	Gar Wood Oil Burner.....	373-30-SA
Bayard Domestic Fuel Oil Burner.....	1184-22-SA	Gar Wood Oil Burner, Models K and K-3500	481-32-SA
Berggren Oil Burner.....	764-26-SA	General Electric Fuel Oil Burner.....	434-32-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	General Electric Oil Burner, Type DA-2..	228-33-SA
Bettendorf High Pressure Oil Burner....	479-31-SA	Ghapco Steam Generator.....	348-31-SA
Bettendorf Oil Burner.....	731-28-SA	Gilbarco Industrial Burner.....	350-32-SA
Bettendorf Oil Burner, Model H.B.....	498-32-SA	Gilbert & Barker Flexible Flame Burner..	109-31-SA
Bock Oil Burner, Models A, B, C and D	123-31-SA	Gilbert & Barker Junior Flexible Flame Domestic Oil Burner.....	520-31-SA
Bock Oil Burning Water Heater.....	102-34-SA	Gilbert & Barker Oil Burner, Model S-1..	282-33-SA
Braden Automatic Fuel Oil Burner.....	322-30-SA	Gill Oil Burner	1231-23-SA
Branford Oil Burner.....	36-31-SA	Gold Star Oil Burner, Models F and S.....	166-33-SA
Branford Oil Burner, Model "A".....	461-32-SA	Goodrich Oil Burner, Models G-O, G-1, G-2 and G-3	441-31-SA
Brighton Oil Burner.....	372-33-SA	Goodspeed Automatic Oil Burner.....	957-27-SA
Bullet Automatic Oil Burners, Models A and B.....	195-33-SA	Goodspeed Oil Burner, Nozzle Type 2....	346-33-SA
		Grant Oil Burner.....	382-26-SA
Caloroil Burner, Type AA.....	1361-24-SA	Grant Oil Burner, Model "C".....	232-32-SA
Camel Automatic Oil Burner, Model 30, Types A, B and C and Models J and A.S.	229-32-SA	Hardinge Oil Burner.....	813-25-SA
Carboradiant Oil Burner, Models V & VS	16-31-SA	Hardinge Oil Burner, Model 23.....	33-33-SA
Carboradiant Oil Burner, Model VSS....	49-32-SA	Harris Fuel Oil Burner.....	690-30-SA
Carborundum Burner	571-29-SA	Hart Automatic Oil Burner.....	1162-24-SA
Carter-Korth Oil Burner, Model "P"....	389-32-SA	Hart Automatic Oil Burner, Model Series "DO"	595-29-SA
Carter-Korth Oil Burner	54-30-SA	Hart Oil Burner, Model "H"	221-33-SA
Carter Oil Burner, Models 4X and 5X....	117-34-SA	Hayward Oil Burner	696-30-SA
Century Oil Burner	157-28-SA	Heatiator Oil Burner.....	1346-23-SA
Challenger Kleen Heat Burner, Series No. 100	813-28-SA	Heil Combustion Fuel Oil Burner.....	1105-22-SA
Challenger Oil Burner, Model "A".....	86-34-SA	Heil Combustion Fuel Oil Burner, Type B	295-29-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Hercules Oil Burner.....	510-29-SA
Commonwealth Automatic Oil Burner.....	348-28-SA	Hercules Oil Burner, Models H and HF..	309-33-SA
Cook's Automatic Oil Burner.....	955-27-SA	Hercules Oil Burner, Models M 1200 and M 1800	486-32-SA
Cope-Swift Safety Automatic Oil Burner..	354-31-SA	Holby Type A Fuel Oil Burner.....	688-29-SA
Crescent Oil Burner.....	222-29-SA	Holland Type "F" Oil Burner.....	237-34-SA
Crescent Type M Size I Oil Burner and Models 8, 18 and 28.....	592-31-SA	Homer Domestic Oil Burner.....	1211-25-SA
Crown Oil Burner, Type XA.....	426-29-SA	Hupp Oil Burner, Models H, U, P and PP..	10-34-SA
Crystal Blue Flame Oil Burner.....	423-29-SA		
Dahl Vaporizing Oil Burner.....	915-26-SA	Improved Kres-Kno Oil Burner and Model MD	591-29-SA
D'Elia Oil Burner.....	155-31-SA	Inferno Oil Burner.....	82-33-SA
Delco Heat Oil Burner.....	420-31-SA	International Mechanical Draft Oil Burner	372-30-SA
DeWalt Oil Burner.....	541-31-SA	International Oil Burner.....	1305-24-SA
Dist-o-matic Oil Burner.....	663-28-SA		
Doe Oil Burner.....	317-31-SA	Jacobsen Balanced Oil Burner, (Model V-1)	333-33-SA
Doherty Oil Burner.....	943-26-SA	Johnson Improved Rotary Fuel Oil Burner	938-22-SA
		Joyce Oil Burner.....	852-26-SA
Economy Oil Burner, Type A-1.....	45-31-SA		
Eisler Automatic Oil Burner.....	481-27-SA	K. F. C. Oil Burner.....	846-25-SA
Elec-tro-matic Oil Burner, Type 151.....	125-33-SA	Kelco Oil Burner.....	237-33-SA
Electrol Automatic Oil Burner and Models BB, C and EA.....	259-25-SA	Kelvinator Oil Burner.....	339-31-SA
Ember-Glo Oil Burner.....	462-32-SA	Kelvinator Oil Burner, Model K.....	105-34-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	KeWaNee Oil Burner, Model "C".....	518-32-SA
		Kleen Heet Oil Burner.....	62-34-SA

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Kleen Heet Oil Burner, Type R.....	49-33-SA	Petro Oil Burner, Model W-2	244-33-SA
Korth Oil Burner, Model G	136-34-SA	Petro Oil Burner, Models W-1 and W-1½..	245-33-SA
Kreager Oil Burner.....	367-30-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15	40-31-SA
Kres-Kno Oil Burner.....	443-28-SA	Petroleum Heat & Power Company Fuel Oil Burner Model W-AH	614-32-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Pioneer Automatic Oil Burner.....	1259-27-SA
Laco Oil Burner, Model NL.....	670-30-SA	Powerlight Oilheat Burner	628-23-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Pressure Oil Burners, Models A, B and C..	146-31-SA
Lange Economical Oil Burner.....	355-33-SA	Presto Automatic Oil Burner.....	294-34-SA
Lawrence May Oil Burner.....	1034-27-SA	Prize Automatic Oil Burner, Models A, B and C	600-31-SA
Leader Oil Burner.....	425-31-SA	Progressive Oil Burner, Models G4, G5, G6 and G7	411-32-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Liberty Automatic Heater.....	129-28-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
Liberty Pressure Oil Burner.....	75-34-SA	Ray-Dio Sunshine Oil Burner, Model C, sizes 12, 14 and 16.....	368-34-SA
Lonergan Automatic Oil Burner.....	208-33-SA	Rayfield Oil Burner.....	504-26-SA
Lynn Power Oil Burner, Models 1, 2 and 3.	166-34-SA	Real Host Oil Burner.....	38-34-SA
"M W" Domestic Oil Burners, Models Nos. 25, 26, 65, 66, 307, 308, 309, 400 and 800...	341-32-SA	Re-Ly-On Oil Burner.....	745-26-SA
M. W. Emancipator Oil Burner.....	102-33-SA	Remington Domestic Oil Burner, Type B..	532-31-SA
M. W. Oil Burning Water Heater.....	737-29-SA	Remington Oil Burner.....	891-26-SA
M. W. Water Heater, Model 20-D.....	365-34-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Magna Fuel Oil Burner.....	197-33-SA	Richmond Gravity Fuel Oil Burner.....	1193-22-SA
Majestic Oil Burner.....	693-30-SA	Rickard Oil Burner	1011-27-SA
Marr Oil Burner, Model H, Type R.....	765-26-SA	Rotoflame Oil Burner	187-33-SA
Master-Kraft Oil Burner.....	83-33-SA	Ryan & Scully Commercial and Domestic Oil Burner	304-32-SA
May Oil Burner.....	68-24-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
May Oil Burner, Type BB.....	46-34-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
Mayfield Oil Burner.....	568-31-SA	S-K Oil Burner, Model F.....	369-33-SA
Mayflower Oil Burner.....	124-29-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
McIlvane Oil Burner.....	544-29-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Melco Automatic Oil Burner, Type "A"....	1032-25-SA	S. T. Johnson Oil Heat Servant.....	157-34-SA
Merco Oil Burner.....	637-29-SA	Schulse Home Oil Burner.....	1487-23-SA
Midget Oil Burner.....	155-34-SA	Scott-Newcomb Pioneer Oil Burner, Models C, CA, CJ, CV and SN Junior.....	436-32-SA
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA	Security Oil Burner.....	56-28-SA
Monitor Oil Burner.....	202-34-SA	Shepard Oil Burner.....	563-30-SA
Morrissey Oil Burner.....	673-27-SA	Shill Oil Burner.....	315-30-SA
Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3, and MP-1...	359-33-SA	Silent-Auburn Fuel Oil Burner, Models A, B, C and O.....	463-31-SA
Morse Conical Type Steam Atomizing Burner	938-25-SA	Silent Automatic Oil Burner.....	458-26-SA
Morse Fan Tail Type Steam Atomizing Burner	939-25-SA	Silent Automatic Burner, Model "B".....	709-30-SA
Morse Fuel Oil Burner.....	820-23-SA	Silent Automatic Burner, Model "E".....	710-30-SA
Moto-Heat Oil Burner.....	195-32-SA	Silent Flash Oil Burner, Model C1.....	38-33-SA
Mousette Oil Burner.....	887-25-SA	Silent Glow Oil Burner, Model G.....	600-30-SA
National Airoil High Pressure Burner.....	185-29-SA	Silent Glow Oil Burner, Models 800, 1000, 1800 and 2800	345-31-SA
National Airoil Low Pressure Burner.....	186-29-SA	Simplex Domestic Oil Burner, Type P.A..	446-30-SA
National Airoil Type D-R Rotary Oil Burner	548-31-SA	Simplex Domestic Type "S.P." Oil Burner..	145-31-SA
National Oil Burner, Model E-J.....	360-34-SA	Socony Arrow Oil Burner.....	1191-24-SA
National Rotary Oil Burner.....	836-25-SA	Standard Automatic Oil Burner, Type 14-G	536-31-SA
New Perfection Oil Burner, Type "C"....	518-29-SA	Standard Automatic Oil Burner, Type 11-G	537-31-SA
New Process Oil Burner.....	1071-27-SA	Standardyne Oil Burner.....	34-34-SA
Nichols-McCann-Harrison Burners.....	255-31-SA	Stephens Oil Burner, Models Nos. 1 and 2....	146-33-SA
Noiseless Nokol Model G Oil Burner.....	801-28-SA	Stuhler Oil Burner.....	618-27-SA
Noiseless Nokol Rotary Oil Burner, Model R	584-28-SA	Summerheat Oil Burner.....	581-26-SA
Nokol Automatic Burner.....	1078-24-SA	Sundstrand Automatic Oil Burner.....	755-26-SA
Norge Oil Burner Models N8, N18 and N28	226-34-SA	Sundstrand Purmaco Automatic Oil Burner, Models A-2, 4-B, C-5, A-3U, 3K, B-5U, B-5K and C-6U.....	658-30-SA
Nu-Way Oil Burner.....	773-26-SA	Sunflower Model S-1 Oil Burner.....	657-29-SA
Oilbuilt Burner	85-33-SA	Sunflower Oil Burner, Model S-2.....	587-30-SA
Oliver Oil Gas Burner, No. 30-A.....	1359-24-SA	Sun Heat Oil Burner.....	603-29-SA
Oronoque Oil Burner.....	394-30-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Orr Fuel Oil Burner	113-26-SA	Sunway Oil Burner.....	624-30-SA
Packard Fuel Oil Burner.....	77-34-SA		
Paramount Oil Burner.....	1193-25-SA		
Paramount Oil Burner, Model A.....	617-30-SA		
Pascoe Oil Burner.....	1029-26-SA		
Perfect-Pantex Oil Burner.....	271-33-SA		
Petro Domestic Burner.....	161-26-SA		
Petro Model T Oil Burner.....	451-31-SA		
Petro Model W Oil Burner.....	452-31-SA		
Petro Burner, Model O.....	78-28-SA		
Petro Burner, Model P-2.....	735-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Super Automatic Oil Heater Model SSH..	715-29-SA	Victor Oil Burner	612-30-SA
Superfex Oil Burner, for Warm Air Furnaces	400-32-SA	Victory Oil Burner	320-30-SA
Superheet Oil Burner, Model D.....	254-33-SA	Viking Oil Burner.....	396-32-SA
Sword Automatic Oil Burner.....	951-25-SA	Volcano Automatic Oil Burner.....	556-29-SA
Tabor Automatic Oil Heater, Type "D"....	778-28-SA	Volcano Automatic Oil Burner, Models EW, EW-1 and EW-2.....	341-33-SA
Thoroburn Oil Burner, Model A-1-16-G....	269-33-SA	Warner Oil Burner, Model A.....	16-34-SA
Timken Oil Burner, Model 20.....	287-28-SA	Wayne Oil Burner.....	1155-25-SA
Timken Rotary Oil Burner.....	297-29-SA	Wayne S-2 Domestic Oil Burner.....	115-32-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Wheco Oil Burner.....	108-34-SA
Todd Rotary Burner, Models A, B and C..	454-25-SA	Williams Oil-O-Matic Oil Burner, Models J, JJ, Junior, K, KA, KB, and R.....	918-22-SA
Todd Spiro Oil Burner	470-31-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Todd Spiro Burner (pump type).....	94-32-SA	Wisconsin Fuel Oil Burner, Models O, A and B	32-33-SA
Toridheet Oil Burner.....	63-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA	York Automatic Oil Burner.....	44-29-SA
Twin City-on-the-Door Oil Burner.....	129-27-SA	Yorktown Oil Burner.....	166-33-SA
Uni-Lec-Tric Oil Burner.....	498-29-SA	Yorktown Oil Burner, Model A.....	3-35-SA
United States Oil Burner.....	620-28-SA	Zenith Oil Burner	270-34-SA
Universal Fuel Oil Burner.....	6-24-SA		
Vapomatic Oil Burner	275-34-SA		
Vaporoil Burner	44-32-SA		
Vesta Oil Burner	451-26-SA		

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Air-O-Flame Range Burner.....	236-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Blue Glow Range Oil Burners, Models Su- preme and DeLuxe	308-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	National Range Oil Burner.....	361-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quaker Burnoil Stove	11-31-SA
Florence Range Burners.....	219-34-SA	Quick Meal Range Burner.....	304-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Hi-Heat Range Burner, Models A and De- Lux	323-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kolrid Range Burner.....	48-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Superfex Oil Burning Heater	491-31-SA
Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burn- ing Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Dis-
tribution Division of the City Record Office, Room 2213,
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Copies of the Electrical Code are now on sale at the Dis-
tribution Division of the City Record Office, Room 2213,
Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

Burners for Industrial Use			
Name of Burner	Calendar No.	Name of Burner	Calendar No.
Air-Blast Oil Burner.....	579-32-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Auto Heat Oil Burner.....	284-33-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Morse Fuel Oil Burner.....	820-23-SA
Ballard Automatic Oil Burner.....	1363-23-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Jr. Oil Burner.....	1176-27-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Nichols-McCann-Harrison Burners	255-31-SA
Berggren Oil Burner.....	764-26-SA	North American Low Pressure Oil Burner....	792-26-SA
Best Calorex Burner.....	1464-21-SA	Oilbilt Burner	85-33-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Oronoque Oil Burner.....	394-30-SA
Bock Oil Burning Water Heater.....	102-34-SA	Packard Fuel Oil Burner.....	77-34-SA
Brighton Oil Burner.....	372-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Burnwell Mechanical Burner.....	957-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Petro Model W Oil Burner.....	452-31-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Coen Mechanical Oil Burner	942-21-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Presto Automatic Oil Burner.....	294-34-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
D'Elia Oil Burner.....	155-31-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
DeWalt Oil Burner.....	541-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
Doe Oil Burner.....	317-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rockwell Fuel Oil Burner	341-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. K. Oil Burner, Model F.....	369-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Gem Fuel Oil Burner.....	111-26-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Standardyne Oil Burner.....	34-34-SA
Ghapco Steam Generator.....	348-31-SA	Steam Oil Burner.....	183-22-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun Heat Oil Burner.....	603-29-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Grant Oil Burner, Model "C".....	232-32-SA	Sunway Oil Burner.....	624-30-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Surface Combustion Low Pressure Burner....	92-23-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Rotary Oil Burner.....	297-29-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
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Hobeco Oil Burner.....	1278-21-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Burner (pump type).....	94-32-SA
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Induslo Fuel Oil Burner 1-27.....	5-24-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
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Kreager Oil Burner.....	367-30-SA	Vaporoil Burner	44-32-SA
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Leiman Brothers Fuel Oil Burner.....	314-30-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
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Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
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Lynn Power Oil Burner, Models 1, 2 and 3...	166-34-SA		
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Mahrvel Low Pressure Burner.....	859-26-SA		
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May Oil Burner.....	68-24-SA		
Midget Oil Burner.....	155-34-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
- 443-26-SA—American Anti-Syphon Valve.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 126-33-SA—Tower Range Oil Burner.
- 162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 349-33-SA—Herco Oil Burner.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.
- 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
- 125-34-SA—American Oil Burner.
- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

- 165-34-SA—Rose Oil Heater.
- 203-34-SA—King Oil Burner.
- 205-34-SA—Automatic Firetox Extinguisher.
- 208-34-SA—Globe Oil Burner Pump.
- 221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).
- 224-34-SA—Progressive Press Machine Oil Burner.
- 234-34-SA—Bland Range Oil Burner.
- 274-34-SA—B. & H. Radiant Stove Oil Burner.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 302-34-SA—Loyalty Range Burner.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 345-34-SA—Micron Oil Burner.
- 351-34-SA—Ellington Range Oil Burner, Ellington Square Circulating Heater and Ellington Round Circulating Heater.
- 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
- 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 13-35-SA—Nairoil Oil Burner, Type R, Model E.
- 17-35-SA—Toridheet Oil Burner, Model G.
- 29-35-SA—Aetna Range Oil Burner.
- 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
- 36-35-SA—Kennedy Special Double Seal Joint Fitting (Plumbing Device).
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 40-35-SA—Ellington Range Oil Water Heater, Models M and J.
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 54-35-SA—Putnam Range Oil Burner.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	10
Cases filed up to March 20, 1935.....	76	Dismissed	6
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		Granted	0
		Granted on condition	39
		Appliances approved	27
		Appliances dismissed, disapproved or withdrawn.....	2
		Rules approved	0
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	98	Requests to reopen granted	89
Requests to amend	57	Requests to reopen denied	3
Requests for modification	0	Requests to amend granted	57
Requests to rescind	0	Requests to amend denied	0
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Requests for extension permit	3	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans.....	2	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted.....	11
Requests for interpretation	0	Requests for extension of time denied	0
Total	428	Requests for extension of permit granted	3
Disposed of	281	Requests for extension of permit denied.....	0
Cases pending March 20, 1935.....	147	Requests to install granted.....	0
		Requests to install denied	0
		Plans approved	2
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	6
		Total	281

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order. therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

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Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

APRIL 2, 1935

Single Copies, 5 cents
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No. 14

DIRECTORY

BOARD OF STANDARDS AND APPEALS

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All communications should be addressed to the chairman of the board

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Notices in Building Zone Cases.

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Minutes of Regular Meeting, March 26, 1935, at 10 A. M.

Minutes of Regular Meeting, March 26, 1935, at 2 P. M.

Correction.

Oil Burner Rules.

Fire Retarding Rules for Garages, etc.

Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, April 1, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, April 8, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed Up to March 27, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
78-35-A.....	D.B.M....	436-440 Lafayette street, (Block 545, Lot 34), Manhattan,
		19271-F.
77-35-BZ....	D.B.M....	16 Morton street, (Block 586, Lot 55), Manhattan,
		Alt. 35-1935.

Restored to Calendar.

431-31-BZ....	D.B.B....	2902-2904 Avenue "U", 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block 7362, Lot 1), Brooklyn,
		Applic. 845-1935.
390-27-BZ....	D.B.Q....	South Side Central avenue, 22.22 ft. west of Montague street, (Block 3811, Lots 2 and 8), Glendale, Queens,
		Decision.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

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Certificate of Occupancy, approved forms.....	Aug. 2, 1932—Vol. 17 No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime)....	Oct. 9, 1934—Vol. 19 No. 41
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Exit Rules (Revolving Doors).....	Jan. 1, 1935—Vol. 20 No. 1
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Structural Alterations, Reporting..	June 7, 1932—Vol. 17 No. 23
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)....	Apr. 10, 1923—Vol. 8 No. 15

LIST OF APPROVED APPLIANCES

Anti-Siphon Valves.....	Mar. 5, 1935—Vol. 20 No. 10
Fireline Hose Valves.....	Apr. 2, 1935—Vol. 20 No. 14
Fuel Oil Burners for Domestic and Commercial Use.....	Mar. 26, 1935—Vol. 20 No. 13
Fuel Oil Burners for Industrial Use..	Apr. 2, 1935—Vol. 20 No. 14
Fuel Oil Pumps.....	Mar. 19, 1935—Vol. 20 No. 12
Paint, Varnish and Lacquer Spraying Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
Range Oil Burners and Space Heaters.....	Mar. 26, 1935—Vol. 20 No. 13

COURT DECISION.

Horton v. Murdock—April 10, 1934, board denied application for gasoline station in business district, under Section 21, Cal. No. 386-33-BZ; premises northeast corner Eastern blvd. and Soundview ave., Bronx. Mr. Justice McCook sustained board. (N. Y. L. J., March 23, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 1, 1935, AT 2 P. M.

Building Zone Cases.

34-35-BZ.
APPLICANT—Jacob Sulzbach, for Ken-Isle, Inc., owner.
PREMISES—18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9; Block Nos. 4746 and 4747, Lot Nos. 1), White-stone, Queens.
APPLICATION, under sections 7a and 21 of the building zone resolution,
TO PERMIT on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.

44-35-BZ.
APPLICANT—Kennedy and Ellner, for Henry A. Bonori, owner.
PREMISES—46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

45-35-BZ.
APPLICANT—Matthew W. Del Gaudio, for Helen R. McGowan and Loretta M. McGowan, owners.
PREMISES—2356 University avenue, east side, 1,163.63 ft. north of West 183rd street (Block No. 3212, Lot No. 57), The Bronx.
APPLICATION, under section 7a of the building zone resolution,
TO PERMIT in a residence district the alteration and extension of an existing (frame) business building.

APRIL 2, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 2, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

CALENDAR

CAL. NO. 337-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Solomon Gelfand, applicant, on behalf of Annie Livshitz, owner, to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops; premises 1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Brooklyn.

CAL. NO. 15-35-BZ—Application, January 14, 1935, under section 21 of the building zone resolution, of Edgar J. Moeller, applicant, on behalf of Claude H. Birdsall, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2093-2099 Flatbush avenue and 4401-4413 Avenue N, northeast corner (Block No. 7869, part of Lot No. 2), Brooklyn.

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corporation, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

APRIL 2, 1935, 2 P. M.

Appeals from Administrative Orders.

- 216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.
- 312-34-A—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.
- 307-34-A—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.
- 19-35-A—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.
- 49-35-A—59-71 to 59-83 59th street, east side, 215 ft. south of 59th drive (Block No. 2653, Lot No. 5), Maspeth, Borough of Queens.
- 64-35-A—East 225th street and Boston road (Block No. 4905), The Bronx.
- 72-35-A—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

Appliance Submitted for Approval

65-35-SA—Viking Range Water Heater, Models, 222, 232, 242, 210 and 215.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, April 2, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 288-34-BZ—Application, October 10, 1934, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Ignatz Wohl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road); (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

CAL. NO. 362-34-BZ—Application, December 26, 1934, under section 21 of the building zone resolution, of Abraham N. Horwitz, applicant, on behalf of 1230 Jerome Avenue Corporation, owner, to permit in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1227-1229 River avenue and 1230 Jerome avenue, east side, 165 feet 6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR MONDAY, APRIL 8, 1935, AT 2 P. M.

Building Zone Cases.

- 182-30-BZ.
APPLICANT—Marshall & Marshall, for Jennie MacDonald, owner.
PREMISES—8918-8932 4th avenue, northwest corner of 90th street (Block No. 6064B, Lot No. 65), borough of Brooklyn.
APPLICATION, under section 21 of the building zone resolution (reopened and restored to Calendar February 19, 1935),
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn).
- 31-35-BZ.
APPLICANT—Albert E. Schaefer, for Whitlock Holding Corp., owner.
PREMISES—1506 Jerome avenue, east side, 55.36 ft. north of East 172nd street (Block No. 2846, Lot No. 4), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the alteration and change of occupancy of an existing building to a motor vehicle repair shop.

CALENDAR

55-35-BZ.

APPLICANT—Samuels & Samuels, for Esther Weiss, owner.

PREMISES—5255-5265 Kings Highway and 5302 Preston Court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

APRIL 9, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 9, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 340-34-BZ—Application, December 4, 1934, under section 21 of the building zone resolution, of Richard Morrison, applicant, on behalf of New York Central Railroad Company, owner, to permit in a business district the use of a plot of ground as a parking space for more than five (5) motor vehicles; premises west side of Newell street, 72 ft. 5 in. south of Gun Hill road (Block No. 3358, part of Lot No. 1), The Bronx.

CAL. NO. 342-34-BZ—Application, December 3, 1934, under section 21 of the building zone resolution, of Albert M. Lee, applicant, on behalf of Seventy-Fourth Street Manhattan Corporation, owner, to permit in a residence district the alteration and conversion of two (2) existing dwellings into a building to be occupied for business purposes (stores on first story); premises 231-233 West 74th street (Block No. 1166, Lot Nos. 13 and 14), Manhattan.

CAL. NO. 327-34-BZ—Application, November 20, 1934, under section 21 of the building zone resolution, of Martin J. Ort, applicant, on behalf of Arthur Mulvaney, owner, to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop; premises 615 Baltic street, northeast corner of 4th avenue (Block No. 937, Lot No. 1), Brooklyn.

CAL. NO. 20-35-BZ—Application, January 22, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Edward G. Falter, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 711-719 Gun Hill road, north side, 100 ft. east of White Plains road (Block No. 4657, Lot No. 8), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 9, 1935, 2 P. M.

Appeals from Administrative Orders

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 15, 1935, AT 2 P. M.

Building Zone Cases.

315-34-BZ.

APPLICANT—Sidney L. Strauss, for John H. Gerken, Inc., owner.

PREMISES—63-71 Hopkins street and 460-468 Marcy avenue, northwest corner (Block No. 1719, Lot Nos. 43 to 49 inclusive), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

352-34-BZ.

APPLICANT—Charles M. Arak, for Laura E. Mace, owner.

PREMISES—724-748 Mace avenue, southwest corner of Boston road (Block No. 4431, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

872-28-BZ.

APPLICANT—Eugene De Rosa, for John A. McCarthy, owner.

PREMISES—2311 Grand Concourse, northwest corner of East 183rd street (Block No. 3164, Lot No. 31), The Bronx.

APPLICATION, under section 21 of the building zone resolution, (reopened January 29, 1935),

TO PERMIT partly in a residence district and partly in a business district, the alteration and reconstruction of a portion of stores (previously granted by the board) into a motion picture theatre.

APRIL 16, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 16, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 894-28-BZ—Application of Samuels and Samuels, on behalf of Gustaf Larson, owner, reopened and restored to Calendar January 22, 1935, under section 21 of the building zone resolution, to permit upon a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2702-2712 Foster avenue and 1285-1289 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

CALENDAR

CAL. NO. 353-34-BZ—Application, December 18, 1934, under section 21 of the building zone resolution, of Benjamin Millstein, applicant, on behalf of Edmund Burke, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 5913-5923 Church avenue and 876-886 Ralph avenue, northwest corner (Block No. 4685, Lot Nos. 29 and 30), Brooklyn.

CAL. NO. 1-35-BZ—Application, January 4, 1935, under sections 7b and 21 of the building zone resolution, of Abraham S. Bursky, applicant, on behalf of Manuel Gonzales Benitez and Amalia Gonzales Benitez, owners, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use (undertaker establishment); premises 111 West 111th street (Block No. 1821, Lot No. 21½), Manhattan.

CAL. NO. 46-35-BZ—Application, February 19, 1935, under section 21 of the building zone resolution, of Sugarman and Berger, applicants, on behalf of Concourse Development, Inc., owner, to permit in a residence use and also 1¼ times height district, the erection of part of the street wall of a proposed multiple dwelling to a height exceeding the limit set by the building zone resolution; premises 1000 Grand boulevard and Concourse, northeast corner of East 164th street (Block No. 2461, Lot No. 90), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

APRIL 16, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, April 16, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without

further argument, pending an inspection and a report, with recommendation by the committee of the board:

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone resolution, of Mario J. Cafiero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

CAL. NO. 5-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Eleto Realty Corporation, owner, to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4297-4301 Broadway (Block No. 2180, Lot No. 108), Manhattan.

CAL. NO. 296-32-BZ—Application of Levy and Berger, on behalf of Kings Bay Realty Corporation, owner, reopened January 15, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

CAL. NO. 540-27-BZ—Application of Bernard Austin, on behalf of Anhil Realty Corporation, present owner, reopened March 5, 1935, by order of the court, under section 21 of the building zone resolution, for an amendment to the resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board; premises 725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, MARCH 26, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, March 19, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, March 19, 1935, were approved as printed in Bulletin No. 13, Vol. XX.

BUILDING ZONE CASES.

5-35-BZ.

APPLICANT—Scacchetti & Siegel, for Eleto Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—4297-4301 Broadway (Block No. 2180, Lot No. 108), Borough of Manhattan.

APPEARANCES—

For Applicant: Michael J. Villamina, Max Siegel.
For Opposition: A. J. Handel, Emanuel Goldberg, William Brandt, Jennie Berkowitz, Paul F. Shontal, Samuel Telsen

ACTION OF BOARD—Laid over to April 16th, 1935, at 2 P. M., for report of committee on inspection. No further argument.

296-32-BZ.

APPLICANT—Levy & Berger, for Kings Bay Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of bldgs.) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station. (reopened January 15, 1935).

PREMISES AFFECTED—115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

APPEARANCES—

For Applicant: Max Schweabel, Joseph Levy.
For Opposition: Philip P. Schor, L. C. Squire, Jos. Ballenberg, A. E. Robert Friedman, R. W. Alpher, L. W. Alpher, Max J. Hisk, Henretta M. Weiss.

ACTION OF BOARD—Laid over to April 16, 1935 at 2 P. M., for report of committee on inspection. No further argument.

4-35-BZ.

APPLICANT—Samuels & Samuels, for Approved Bond and Mortgage Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1), Woodhaven, Borough of Queens.

APPEARANCES—

For Applicant: Archie H. Samuels.
For Opposition: Abram Shlefstein, John H. Reschke, Benj. Mintz, Harry Yorish.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Absent	0

THE RESOLUTION—

(4-35-BZ.)

WHEREAS, Samuels & Samuels, for Approved Bond and Mortgage Co., Inc., owner, filed January 7, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: Southeast corner of Rockaway boulevard and 77th street (Block No. 95, Lot No. 1) Woodhaven, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Rockaway boulevard is in a business district; 77th street is in a business and residence district; and Atlantic avenue is in a residence, business and unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered December 31, 1934, re App. No. 2523-1934, reads:

"The erection of a gasoline service station in a business district is contrary to the zone law (Art. 2, Sec. 4-a, Sub. 46, B.Z.R.)."

and

WHEREAS, the premises consist of an irregularly shaped plot of ground having a frontage of 113.2 ft. on Rockaway boulevard, 103 ft. on 77th street and a distance of 100.1 ft. along the south lot line, upon which it is proposed to erect a one story office and service room 27 ft. by 50 ft. in area and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, these premises were the subject of an inspection by a committee of the board, which inspection was made on March 21, 1935, and verbal report of which inspection was made by the chairman on behalf of the committee at this hearing; and

WHEREAS, the committee recommended the denial of the application and the board deemed that applicant had failed to substantiate his basis of appeal under section 21,—practical difficulties and unnecessary hardship, and, therefore, is not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

24-35-BZ.

APPLICANT—Julius Eckmann, for Henry S. Harper, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (store).

PREMISES AFFECTED—56 West 8th street (Block No. 553, Lot No. 14), Manhattan.

APPEARANCES—

For Applicant: Julius Eckmann.
For Opposition: Edward G. Steinert.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

MINUTES

THE RESOLUTION—

(24-35-BZ).

WHEREAS, Julius Eckmann, for Henry S. Harper, owner, filed January 24, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (stores); premises: 56 West 8th street (Block No. 553, Lot No. 14), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that West 8th street is in a business district; 6th avenue is in a business district and Waverly place is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 16, 1935, re N. B. App. No. 171-1934, reads:

"1. Erection of proposed business building extending into a residence district is contrary to Sec. 3, Building Zone Resolution."

and

WHEREAS, the building is to be of non-fireproof construction one story in height, with a frontage of 24 ft. 4 in. and a depth of 132.9 ft. and a distance of 36.3 ft. along the rear lot line, to be occupied as a business building (stores).

The rear portion of the building extends into the residence section for a distance of approximately 13.9 ft.—the remainder of the building is in the business district. Proposes to provide a 6-ft. deep rear yard; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under sections 7(c) and 21 of the building zone resolution, and, therefore, was entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution under sections 7(c) and 21 and that the application be and it hereby is *granted*, permitting the proposed building to extend into the residential area for a distance not exceeding 14 ft., *on condition* that such extension shall not exceed 15 ft. in height and that there shall be a rear yard left open and unoccupied for the full width of the lot and not less than 6 ft. in width; that this rear yard shall be cement paved and shall be kept clear of refuse and other material at all times; that there shall be erected on the rear property line, separating this plot from adjoining plots, a tight board fence not less than 6 ft. in height; that other than as varied herein the building zone resolution shall be complied with in all respects.

Adjourned, 1:40 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, MARCH 26, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief George L. Ross.

BUILDING ZONE CASES.

540-27-BZ.

APPLICANT—Bernard Austin, for Anhil Realty Corporation, owner.

SUBJECT—Application reopened March 5, 1935, by order of the court—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board.

PREMISES AFFECTED—725-727 Bedford avenue, south-east corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

APPEARANCES—

For Applicant: Salvatore Bosco.

For Opposition: None.

ACTION OF BOARD—Laid over to April 16, 1935, at 2 P. M. upon request of applicant's representative.

101-32-BZ.

APPLICANT—Thema Rosen, owner.

SUBJECT—Application reopened March 5, 1935, for consideration as to extension of time and rearrangement and addition of two tanks and pumps—re Application (decision of the commissioner of buildings) granted on certain conditions under section 21 of the building zone resolution, permitting partly in a business district and partly in an unrestricted district, the maintenance of an open air parking space for more than five (5) cars and the installation of two (2) gasoline tanks and pumps as accessory to the parking space and individual garages, these garages having been previously granted by the board.

PREMISES AFFECTED—West side of Bailey avenue, 182 ft. south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

APPEARANCES—

For Applicant: Gustave A. Hollander and Fred S. Lowenthal.

For Opposition: Earl I. Gallant.

ACTION OF BOARD—Previous action of reopening without calendar call waived and case restored to calendar subject to usual procedure.

THE VOTE—On waiving previous action and restoring to calendar, subject to usual procedure:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

431-31-BZ.

APPLICANT—Anna Segall, present owner.

SUBJECT—Application for reopening and restoration to the calendar re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

ACTION OF BOARD—Application reopened, subject to calendar call, etc.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

MINUTES

390-27-BZ.

APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, present owner.

SUBJECT—Application for reopening—reconsideration under new facts—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district, extending into a residence district, the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—South side of Central avenue, 22.22 ft. west of Montague street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: R. S. Hardy.

ACTION OF BOARD—Application reopened, subject to calendar call, etc.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

284-34-BZ.

APPLICANT—Clarke G. Dailey, President, The Alliance Realty Company, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7b of the building zone resolution, to permit partly in a business district and partly in a residence district the change of occupancy of an existing building to a business use.

PREMISES AFFECTED—205 East 72d street, N. S. 90 ft. 11 in. East of Third avenue (Block No. 1427, Lot No. 4½), Manhattan.

APPEARANCES—

For Applicant—None.

ACTION OF BOARD—Application withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

299-34-BZ.

APPLICANT—Michael Glick, for Nathan Bensky, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—East side of Sedgwick avenue, 795 ft. South of West 167th street (Block No. 2527, part of Lot No. 88) The Bronx.

APPEARANCES—

For Applicant: Charles Bensky.

For Opposition: Earl I. Gallant.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Absent	0

THE RESOLUTION—

(299-34-BZ.)

WHEREAS, Michael Glick, for Nathan Bensky, owner, filed October 23, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: East side of Sedgwick avenue, 795 ft. south of West 167th street (Block 2527, part of Lot 88) Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Sedgwick avenue is in a business district and Lawrence avenue is in business and residence districts; and

WHEREAS, the decision of the commissioner of buildings, rendered October 15, 1934 (re N. B. App. No. 241-1934) reads:

"1. Erection of building and occupancy of premises in business district for use as gasoline service station is contrary to provisions of building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 75 ft. on Sedgwick avenue and a depth of 50 ft.—upon which it is proposed to erect a one-story office and grease pit structure 40 ft. by 26 ft. in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board, March 21, 1935, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. 299-34-BZ.

E. S. Sedgwick Ave. 795 ft. South of West 167th St. (Block 2527, part of Lot 88), The Bronx.

In this application a zoning variance is desired under Section 21 for a gasoline service station. Originally the permit requested was for two years under Section 21, later revised for a permanent variation.

The premises have a frontage of 75 feet on Sedgwick avenue and a depth of 50 feet being a part of a larger plot owned by the same owner extending through from Sedgwick avenue to Lawrence avenue. The latter street is zoned for residence use on the easterly side and business use on the westerly side and the grade of Lawrence avenue is some forty or more feet higher than Sedgwick avenue 100 feet to the west. Sedgwick avenue is zoned for business use both sides although on the westerly side the N. Y. Central Railroad has its tracks for the Putnam and Hudson River Division, but at a considerably lower level.

For some distance, estimated at about 1,000 feet north and south of the site under appeal, there are no buildings. Further south there are a number of apartment houses constructed within recent years and a continuation of that type of building can be expected when building resumes, because of the outstanding qualities of this location for such use, with uninterrupted view and air to the west across the Harlem River. Temporarily such construction is at a standstill because of the depressed condition of real estate and the incomplete surfacing of Lawrence avenue. Sedgwick avenue is well surfaced and this site is not unduly removed from stations of the railroad and from Lawrence avenue to street car transportation. If this board were to grant this application it would establish for this stretch of frontage nonconforming uses which would seriously impair its adaptability for conforming and residential uses. There would be little excuse if the board granted this application to refuse others in precisely the same condition along Sedgwick avenue. A variation under Section 21 must affect alike all owners in the same situation to do substantial justice. To grant to one and not to others similarly situated is to depreciate the property of all and unjust to those to whom a similar variation is not granted.

While the committee recognizes the temporary financial difficulty of this owner and of all the adjoining owners similarly situated, this committee cannot recommend that this application be granted for a permanent or a temporary term under Section 21 or under Section 7, Subdivision F. Even if hardship exists which this committee does not find except of a temporary financial

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nature, the committee cannot recommend that the board exercise its discretion to do the violence to this section that the granting of this variance and others of a similar nature that would follow in its wake would be sure to do.

The site both from Lawrence avenue and from Sedgwick avenue has been inspected by the committee and careful consideration given to the claims of the applicant.

Denial is recommended.

(Signed) HARRIS H. MURDOCK, Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the report of the committee recommended the denial of this application and the board deemed that the applicant had failed to substantiate the basis of his application under section 21, practical difficulties or unnecessary hardships.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

305-32-BZ.

APPLICANT—Arthur H. Haaren, for Kesbec, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the extension of an existing gasoline service station (gasoline service station previously granted by the board); (reopened July 10, 1934).

PREMISES AFFECTED—North side of Roosevelt avenue, 85 ft. east of 69th street, northwest corner of Roosevelt avenue and 70th street (Lenox avenue); (Block No. 4520, Lot Nos. 51 and 52), Woodside, Queens.

APPEARANCES—

For Applicant: Arthur H. Haaren, Robert Calder.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative 0

Absent 0

THE RESOLUTION—

(305-32-BZ)

WHEREAS, this application affecting premises north side of Roosevelt avenue 85 ft. east of 69th street, northwest corner of Roosevelt avenue and 70th street (Lenox avenue) (Block No. 4520, Lot No. 51 and 52), Woodside, Borough of Queens, was granted by the board July 22, 1932, on certain conditions, resolution amended October 11, 1932, and applicant requested a further amendment of the resolution and an extension of the gasoline station; and

WHEREAS, this application was reopened by vote of the board July 10, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Roosevelt avenue is in a business district; 38th avenue is in residence and business districts; 69th street is in business and residence districts; 70th street is in residence and business districts, and 71st street is in business and residence districts; and

WHEREAS, the decision of the commissioner of buildings, rendered September 27, 1934 (re N. B. Permit No. 1203) 1932, reads:

"1. Removal of iron picket fence 25 ft. long on the northerly side and 22.11 ft. long on rear easterly lot line where not occupied by building and the removal

of the concrete curbing along Roosevelt avenue is contrary to ruling adopted by the Board of Standards and Appeals under Calendar No. 305 of 32 BZ for this gasoline selling station.

"2. The extension of the gasoline selling station in a business district is contrary to article 2, section 4 of the building zone resolution;

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 feet on Roosevelt avenue, a distance of 67.2 feet along the west lot line, 100.5 feet along the north lot line and 57.7 feet along the east lot line. This area includes an irregular shaped plot at the northeast corner of the site which was not included in the area of the plot under consideration for use as a gasoline service station which was granted by the board on July 22, 1932; applicant proposes to incorporate this additional plot in the gasoline station. The original resolution required that there should be erected along the east, north and westerly property lines, where not occupied by buildings, a masonry wall not less than 10 feet in height. Subsequently, on October 11, 1932, the board modified the resolution to eliminate the masonry wall required on the easterly lot line and the northerly lot line connecting the two easterly lot lines of Lots 51 and 52, and substitute therefor an iron picket fence not less than 5 feet in height with bars spaced not less than 6 inches on centres; this fence to be painted the same color as the tile of the building erected on the premises. There are to be no openings in this fence other than one (1) 3 feet 8 inches opening, if so desired. Second—Modify as to the number of curb cuts permitted on the building line on the Roosevelt avenue frontage, permitting four (4) curb cuts instead of three (3), each curb cut to be not more than 12 feet wide each and separated from the nearest adjoining curb cut by the concrete curbing to be erected on the building line for a distance of not less than 4 feet and the resolution to be complied with in all other respects. Applicant's filed plans show that it is proposed to remove the southerly 25 feet of the iron picket fence required to be erected along the east lot line and to use the lot abutting (the premises in question) to the east as an entrance and exit to the gasoline service station—also the openings and curb cuts vary as shown upon the filed plans with the modified resolution of October 11, 1932; to be occupied as a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made on March 14, 1935, verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, this report recommended the granting of this amendment and the board deemed that applicant has substantiated his request for amendment.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on July 22, 1932, as modified by resolution adopted by the board on October 11, 1932, by adding thereto the following paragraph:

"That there may be added to such gasoline station area the piece of ground located northerly of the easterly end of Lot 52 and easterly of Lot 51 of the following dimensions: 25 feet running east and west and 22.11 feet running north and south, *on condition* that the masonry wall hereinbefore required to be constructed on rear building line shall be continued at the same height to the northeasterly corner and thence southerly along the line of the Lenox avenue extension for a distance of 30 feet of similar construction, 5 feet in height, upon a continuous concrete curbing, this wall to replace the present iron picket fence permitted under the resolution as amended October 11, 1932, and permitting an access to this station from Roosevelt avenue across the extension of Lenox avenue and waiving the requirements hereinbefore stated for curbs along the building line *for a period of two years* from the date of this amended resolution; and that other than as

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amended herein the resolution as adopted by the board on July 22, 1932, as amended October 11, 1932, shall be complied with in all respects."

273-34-BZ.

APPLICANT—Nathan D. Shapiro and Brothers, for Mansfield Service Station, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the extension of an existing gasoline service station and also the erection and maintenance of an office, auto laundry and greasing pits.

PREMISES AFFECTED—1314-1332 Ocean avenue, west side, 100 feet south of Avenue "H" (Block No. 6703, Lot No. 55), Brooklyn.

APPEARANCES—

For Applicant: Nathan D. Shapiro, Joseph Rothfeld.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(273-34-BZ)

WHEREAS, Nathan D. Shapiro & Bros., for Mansfield Service Station, Inc., owner, filed August 23, 1934, an application under the building zone resolution, to permit in a residence district the extension of an existing gasoline service station and also the erection and maintenance of an office, auto laundry and greasing pits; premises: 1314-1332 Ocean avenue, west side, 100 feet south of Avenue H (Block No. 6703, Lot No. 55), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Ocean avenue, Avenue H and Avenue I are all in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered November 20, 1934 (re App. No. 3517-1934) reads:

"Rebuilding of present office replacing of grease pits in brick structure in new position and addition of automobile laundry are contrary to Art. II, Section 3a of Zone Resolution as being located in a residential district."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 162 feet 6 inches and a depth of 131 feet 6 inches occupied as a gasoline service station, operating under duly authorized permits (as per letter of November 16, 1934, from fire department) and as shown on filed plan of "present gas station". It is proposed to alter and rearrange the existing gasoline service station and also, to erect upon the site an automobile laundry (in a residence district) all as shown on filed plan of proposed gasoline service station; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted, under section 21, permitting the continuation of the use as a gasoline service station of the premises as indicated on plans filed with this application, with a total frontage not exceeding 162 feet 6 inches, on condition that the existing buildings shall be entirely removed and the premises shall be arranged as shown on plans marked "Received March 26, 1935"; that the ac-

cessory building shall be located toward the rear centre as indicated and shall not exceed one story in height and shall be constructed of fireproof materials except that the roof beams, roof boarding, door and door frames, window frames and sash may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals and the roof weather surfacing is of non-inflammable material; that there shall be no open excavation under these buildings except for hydraulic lifts; that the boiler room shown on these plans as located in cellar shall be located above ground in the office section or in an addition thereto as may be necessary for the accommodation of the heating equipment and enclosed in fireproof partitions; that there shall be erected on the northerly lot line a fence not less than 6 feet in height as indicated on plan; that the pumps shall be located not nearer than 20 feet from the building line; that there shall be constructed along the street frontage of Ocean avenue a curbed area not less than 6 feet in width and of the dimensions indicated, leaving not over two openings to the premises; that these openings shall not exceed 42 feet in width each and with curb cuts approximately opposite not exceeding 45 feet in width; that these curbed areas and the curbed area along the entire length of the interior lot lines shall be planted with shrubs or other suitable planting and maintained at all times; that the plot from street building line to the front of the accessory building shall be either cement or asphalt paved and that the balance of the plot to the rear may be covered with cracked bluestone provided the bluestone is bound with tarvia or other suitable binder; that there shall be no portable gasoline tanks used on or from the property; that there shall be no automobile repairing carried on; that such trees as now exist within the area shall be maintained as far as practicable; that advertising shall be limited to the illuminated globes of the pumps and to signs on the windows of accessory building, eliminating all roof signs and signs of a temporary nature; that the exterior of the accessory building shall be constructed of face brick and stone or terra cotta trimmings and of the architectural design shown on plans marked "Received March 26, 1935"; and that all permits shall be obtained within three months and all work shall be completed within one year from the date of this resolution.

294-27-BZ.

APPLICANT—H. Kronenberg, for Mokel Realty Corp., owner.

SUBJECT—Application for reopening—amendment—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—951-959 Lenox road, north side, from East 57th street to Remsen avenue (Block No. 4644, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: H. Kronenberg.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(294-27-BZ).

WHEREAS, the application affecting premises 951-959 Lenox road, northside from East 57th street to Remsen avenue, (Block No. 4644, Lot No. 1), Borough of Brooklyn, was

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granted by the board October 28, 1927, on certain conditions, amended by approval of plans, July 24, 1928, again amended March 13, 1934 and present owner requests a further amendment.

Resolved, that the Board of Standards and Appeals does hereby *amend* the resolution adopted by the board on March 13, 1934, by adding thereto the following:

"that such curbs, however, may be omitted as required along Remsen avenue *for a period of not over two years* from the date of this amended resolution *on condition* that there shall be maintained a curb as required along Lenox road and East 57th street but permitting not over one opening to East 57th street, approximately in the centre, not over 15 ft. in width and *permitted for a period of two years*; that there shall be not over two (2) open grease pits at the southwesterly corner as indicated on plans marked "Received March 9, 1934" and also permitting not over one (1) post standard erected within the building line on the Remsen avenue front, said post standard to be for supporting an illuminated sign advertising the brand of gas sold; that other than as amended herein the resolution adopted by the board on October 28, 1927, as amended by resolution adopted July 24, 1928, and by resolution adopted March 13, 1934, shall be complied with in all respects."

158-34-BZ.

APPLICANT—Arthur H. Haaren, for Kesbec, Inc., owner.

SUBJECT—Application for reopening—amendment—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the extension of an existing gasoline service station.

PREMISES AFFECTED—Block bounded by Westchester avenue, White Plains road, East 177th street and Hugh J. Grant Circle (Block No. 3928, Lot Nos. 1, 5, 6 and 7), The Bronx.

APPEARANCES—

For Applicant: Arthur H. Haaren and Robert Calder.

ACTION OF BOARD—Application reopened, resolution amended and plans approved.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION AND APPROVE PLANS:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(158-34-BZ).

WHEREAS this application affecting premises block bounded by Westchester avenue, White Plains road, East 177th street and Hugh J. Grant circle (Block No. 3928, Lots Nos. 1, 5, 6 and 7), Borough of The Bronx, was granted by the board October 9, 1934, on certain conditions and applicant requested an amendment of these conditions and approval of plans.

Resolved, that the Board of Standards and Appeals does hereby *approve* plans marked "received March 20, 1935," as complying with the resolution adopted by the board on October 9, 1934, correcting the measurement of frontage along Westchester avenue to 154.93 ft. as against 145.93 ft., as indicated on plans previously submitted and permitting the plot, where required to be cement paved, to be paved either with cement or Colprovia, and permitting the erection within the building line of a pipe standard to carry an illuminated sign advertising only the brand of gasoline on sale,

this sign to be located as indicated, near the intersection of East 177th street and White Plains road; that the resolution of October 9, 1934 be and it hereby is further *amended*, only so far as it has reference to obtaining permits and completion of work, so that as amended this portion of the resolution will read:

"that all permits shall be obtained within three months and all work completed within nine months from the date of this amended resolution."

159-34-BZ.

APPLICANT—Arthur H. Haaren, for Kesbec, Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting partly in a business district and partly in a residence district the extension of an existing gasoline service station.

PREMISES AFFECTED — Southwest corner of East Fordham road and Arthur avenue (Block No. 3067, Lot Nos. 54 and 56), The Bronx.

APPEARANCES—

For Applicant: Arthur H. Haaren and Robert Calder.

ACTION OF BOARD—Application reopened, resolution amended and plans approved.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION AND APPROVE PLANS—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(159-34-BZ)

WHEREAS, this application affecting premises southwest corner of East Fordham road and Arthur avenue (Block No. 3067, Lot Nos. 54 and 56), Borough of The Bronx, was granted by the board October 16, 1934, on certain conditions and applicant requests an amendment of the resolution and an approval of the plans.

Resolved, that the Board of Standards and Appeals does hereby *approve* plans marked "received March 20, 1935," as complying with the resolution adopted by the board on October 16, 1934, as amended herewith in the following respects:

"That the accessory buildings and walls may be constructed of common brick with cast stone trimmings; the brick to be stuccoed with cement and painted; that the buildings may be located as indicated on plans filed, marked "received March 20, 1935"; that the wall required to be constructed along the westerly lot line may be omitted *on condition* that if there is a continuous wall of a neighboring building approximately on the lot line with no openings in this wall opening upon the gasoline station area within a height of 10 feet above curb, provided this wall shall be stuccoed and painted to a height of not less than 8 ft. to match the other walls; that there may be erected near the intersection of East Fordham road and Arthur avenue within the building line a post standard to carry an illuminated sign advertising the brand of gasoline on sale; that where the walls of accessory buildings are located on the lot line, as shown, the lot line wall required may be incorporated as part thereof *on condition* that there are no openings from this accessory building opening upon adjoining property; that the plot, where not occupied by accessory buildings, may be either cement paved or paved with COLPROVIA; that the resolution insofar as it refers to the obtaining of

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permits and completion of work shall be *amended*, so that as amended it shall read: That all permits shall be obtained within three months and work completed within nine months from the date of this amended resolution; that other than as amended herein, the resolution adopted by the board on October 16, 1934, shall be complied with in all respects.

98-30-BZ.

APPLICANT—James S. Smith, for Colonial Beacon Oil Co., Inc., present owner.

SUBJECT—Application for approval of plans in accordance with resolution adopted by the board March 5, 1935.

PREMISES AFFECTED—1180-1188 Myrtle avenue and 664-668 Bushwick avenue, southwest corner (Block No. 3194, Lot 24), Brooklyn.

APPEARANCES—

For Applicant: Joseph B. Lynch.

ACTION OF BOARD—Application reopened, resolution amended and plans approved.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION AND APPROVE PLANS—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(98-30-BZ)

WHEREAS, this application affecting premises 1180-1188 Myrtle avenue and 664-668 Bushwick avenue, southwest corner (Block No. 3194, Lot No. 24), Borough of Brooklyn, was granted by the board July 18, 1933, on certain conditions; amended January 23, 1934, and time extended October 23, 1934, amended March 5, 1935, and owner requested a further amendment and approval of plans.

Resolved, that the Board of Standards and Appeals does hereby *approve* plans marked "received February 21, 1935," as corrected under date of March 25, 1935, as complying with the resolution adopted by the board on March 5, 1935, and *amend* the resolution only so far as it has reference to partition and overhead doors located toward the center of the building, so that as amended this portion of the resolution adopted March 5, 1935, will read:

"and except that the wide overhead doors separating the turntable section from the greasing pit section may be of fireproof wood, provided the balance of the partition shall be constructed, as shown, of angle iron and asbestos board with kalameined swinging doors; that the main roof construction of steel trusses without fireproofing may be accepted; and that the advertising tower may be of angle iron frame covered with enamel steel; that other than as amended herein, the resolution adopted on March 5, 1935, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS.

19-35-A.

APPELLANT—Office of Henry T. Child, architects, for Kellerstein & Steger, lessees.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.

APPEARANCES—

For Appellant: Charles Kellerstein.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to April 2, 1935, at 2 p. m., on request of applicant's representative.

41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

APPEARANCES—

For Appellant: None.

For Owner of Premises: Samuel S. Feinberg.

For Administration: None.

ACTION OF BOARD—Laid over to April 9, 1935, at 2 p. m.

307-34-A.

APPELLANT—Edwin W. Kleinert, for Wheeler Shipyard, Inc., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 & 333) Brooklyn.

APPEARANCES—

For Appellant: Edwin W. Kleinert, G. E. Larson.

For Administration: None.

ACTION OF BOARD—Laid over to April 2, 1935 at 2 P. M., for further consideration of plans filed.

66-35-A.

APPELLANT—Clarence S. Stein, for Hillside Housing Corporation, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—South side of Hicks street, running through from Fish avenue to Seymour avenue (Block No. 4713, Lot Nos. 1, 2, 5, 12 and 15), The Bronx.

APPEARANCES—

For Appellant: Frank E. Vitolo.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(66-35-A)

WHEREAS, Clarence S. Stein, for Hillside Housing Corporation, owner, filed March 13, 1935, an appeal from a decision of the commissioner of buildings affecting premises south side Hicks street running through from Fish avenue to Seymour avenue (Block No. 4713, Lots Nos. 1, 2, 5, 12 and 15) Borough of The Bronx; and

WHEREAS, the decision of the commissioner of buildings, dated February 25, 1935, N. B. Application No. 32-1934, reads:

"1. Proposed construction of plastered partitions does not conform to plastering rules."

and

WHEREAS, the building is fireproof, 4 stories in height, 200 feet front by 715 feet in area, occupied as multiple dwelling; and

WHEREAS, it is proposed to erect partitions consisting of 3/4 in. cold rolled channels weighing 276 pounds per thousand feet, secured to floor and ceiling with 1 in. Steelcrete Stub Nails; studs for the 2 in. solid partitions are to be placed every 3 feet on centers, studs being secured at both bottom and top by use of a special clip: 3.4 pound Bar-X lath is placed on one side with 3/4-in. channel studs securely wired

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to same with No. 18 gauge galvanized Hank Tie Wire; the ribs of this Bar-X lath are placed horizontally that is, ribs extending across the $\frac{3}{4}$ -in. channel studs; these ribs consist of two No. 11 rods one on each side of the lath and are welded to the lath; and

WHEREAS, the appellant contends that the partitions so constructed provides a solid, strong and rigid partition, and the equivalent of the partitions required by the plastering rules.

Resolved, that the decision of the commissioner of buildings be and it hereby is modified and the appeal be and it hereby is granted in connection with N. B. Application No. 32-1934, permitting the 2-inch solid plaster partitions to be constructed within this building, *on condition* that these partitions shall not exceed 8 feet in height at any point; that the vertical channels shall not be spaced at any point more than 36 inches on centers; that the wire lath shall weigh at least 3.4 pounds per square yard; that the partition over all shall be not less than 2 inches in thickness and shall, when completed, consist of solid plaster completely through from side to side; that the horizontal stiffening rods shall be located not more than 7 inches apart and shall be wired to the metal lath; that this partition shall be used solely for the construction of room partitions within the individual apartments; that the Plastering Rules of the Board of Standards and Appeals shall be complied with in all other respects and that this variation shall not be deemed as a modification of the Plastering Rules for general application.

67-35-A.

APPELLANT—Clarence S. Stein, for Hillside Housing Corporation, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—South side of Hicks street, running through from Wilson avenue to Fish avenue (Block No. 4712, Lot Nos. 1 and 14), The Bronx.

APPEARANCES—

For Appellant: Frank E. Vitolo.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative 0

Absent 0

THE RESOLUTION—

(67-35-A)

WHEREAS, Clarence S. Stein, for Hillside Housing Corporation, owner, filed March 13, 1935, an appeal from a decision of the commissioner of buildings affecting premises southside of Hicks street, running through from Wilson avenue to Fish avenue (Block No. 4712, Lot Nos. 1 and 14), Borough of The Bronx; and

WHEREAS, the decision of the commissioner of buildings, dated February 25, 1935, N. B. Application No. 53-34, reads:

"1. Proposed construction of plastered partitions does not conform to plastering rules."

and

WHEREAS, the building is fireproof, 4 stories in height, 288 ft. front by 694 ft. in area, occupied as a multiple dwelling; and

WHEREAS, it is proposed to erect partitions consisting of $\frac{3}{4}$ -inch cold rolled channels weighing 276 pounds per thousand feet, secured to floor and ceiling with one-inch Steelcrete Stub Nails; studs for the 2-inch solid partitions are to be placed every 3 feet on centers, studs being secured at both bottom and top, by use of a special clip; 3.4 pound Bar-X lath is placed on one side with $\frac{3}{4}$ -inch channel studs securely wired to same with No. 18 gauge galvanized Hank Tie Wire; the ribs of this Bar-X lath are placed horizontally; that is, ribs extending across the $\frac{3}{4}$ -inch channel

studs; these ribs consist of two No. 11 rods, one on each side of the lath and are welded to the lath; and

WHEREAS, the appellant contends that the partitions so constructed provides a solid, strong and rigid partition, and the equivalent of the partitions required by the plastering rules.

Resolved, that the decision of the commissioner of buildings be and it hereby is *modified* and the appeal be and it hereby is *granted* in connection with N. B. Application No. 53-1934, permitting the 2-inch solid plaster partitions to be constructed within this building, *on condition* that these partitions shall not exceed 8 feet in height at any point; that the vertical channels shall not be spaced at any point more than 36 inches on centers; that the wire lath shall weigh at least 3.4 pounds per square yard; that the partition over all shall be not less than 2 inches in thickness and shall, when completed, consist of solid plaster completely through from side to side; that the horizontal stiffening rods shall be located not more than 7 inches apart and shall be wired to the metal lath; that this partition shall be used solely for the construction of room partitions within individual apartments; that the Plastering Rules of the Board of Standards and Appeals shall be complied with in all other respects and that this variation shall not be deemed as a modification of the Plastering Rules for general application.

68-35-A.

APPELLANT—Clarence S. Stein, for Hillside Housing Corporation, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—West side of Corsa avenue to east side of Fenton avenue, 100 ft. north of Boston road (Block No. 4721, Lot No. 17), The Bronx.

APPEARANCES—

For Appellant: Frank E. Vitolo.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Deputy Chief Ross.. 4

Negative 0

Absent 0

THE RESOLUTION—

(68-35-A)

WHEREAS, Clarence S. Stein, for Hillside Housing Corporation, owner, filed March 13, 1935, an appeal from a decision of the commissioner of buildings affecting premises west side of Corsa avenue to east side of Fenton avenue, 100 ft. north of Boston road, (Block No. 4721, Lot No. 17) Borough of The Bronx; and

WHEREAS, the decision of the commissioner of buildings, dated February 25, 1935, N. B. Application No. 84-1934, reads:

"1. Proposed construction of plastered partitions does not conform to plastering rules."

and

WHEREAS, the building is fireproof, 4 stories in height, 200 feet front by 652 feet in area, occupied as a multiple dwelling; and,

WHEREAS, it is proposed to erect partitions consisting of $\frac{3}{4}$ -in. cold rolled channels weighing 276 pounds per thousand feet, secured to floor and ceiling with 1-in. Steelcrete Stub Nails; studs for the 2-in. solid partitions are to be placed every 3 feet on centers, studs being secured at both bottom and top, by use of a special clip; 3-4 pound Bar-X lath is placed on one side with $\frac{3}{4}$ -in. channel studs securely wired to same with No. 18 gauge galvanized Hank Tie Wire; the ribs of this Bar-X lath are placed horizontally, that is, ribs extending across the $\frac{3}{4}$ -in. channel studs; these ribs consist of two No. 11 rods, one on each side of the lath and are welded to the lath; and

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WHEREAS, the appellant contends that the partitions so constructed provides a solid, strong and rigid partition, and the equivalent of the partitions required by the plastering rules.

Resolved, that the decision of the commissioner of buildings be and it hereby is *modified* and the appeal be and it hereby is *granted* in connection with N. B. Application No. 84-1934, permitting the 2-in. solid plaster partitions to be constructed within this building, *on condition* that these partitions shall not exceed 8 feet in height at any point; that the vertical channels shall not be spaced at any point more than 36 inches on centers; that the wire lath shall weigh at least 3.4 pounds per square yard; that the partition over all shall be not less than 2 inches in thickness and shall, when completed, consist of solid plaster completely through from side to side; that the horizontal stiffening rods shall be located not more than 7 ins. apart and shall be wired to the metal lath; that this partition shall be used solely for the construction of room partitions within individual apartments; that the plastering rules of the Board of Standards and Appeals shall be complied with in all other respects and that this variation shall not be deemed as a modification of the plastering rules for general application.

69-35-A.

APPELLANT—Clarence S. Stein, for Hillside Housing Corporation, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—West side of Eastchester road to East side of Corsa avenue, 100 ft. north of Boston road (Block No. 4722, Lot No. 12), The Bronx.

APPEARANCES—

For Appellant: Frank E. Vitolo.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(69-35-A).

WHEREAS, Clarence S. Stein, for Hillside Housing Corporation, owner, filed March 13, 1935, an appeal from a decision of the commissioner of buildings affecting premises west side Eastchester road to east side of Corsa avenue, 100 ft. north of Boston road (Block No. 4722, Lot No. 12), Borough of The Bronx; and

WHEREAS, the decision of the commissioner of buildings, dated February 25, 1935, N. B. App. No. 71-34—reads:

“1. Proposed construction of plastered partitions does not conform to plastering rules.”

and

WHEREAS, the building is fireproof, 4 stories in height, 640 ft. front by 200 ft. in area, occupied as a multiple dwelling; and

WHEREAS, it is proposed to erect partitions consisting of $\frac{3}{4}$ -in. cold rolled channels weighing 276 pounds per thousand feet, secured to floor and ceiling with 1-in. Steelcrete Stub Nails; studs for the 2-in. solid partitions are to be placed every 3 feet on centers, studs being secured at both bottom and top, by use of a special clip; 3.4 pound Bar-X lath is placed on one side with $\frac{3}{4}$ -in. channel studs securely wired to same with No. 18 gauge galvanized Hank Tie Wire; the ribs of this Bar-X lath are placed horizontally, that is, ribs extending across the $\frac{3}{4}$ -in. channel studs; these ribs consist of two No. 11 rods, one on each side of the lath and are welded to the lath; and

WHEREAS, the appellant contents that the partitions so constructed provides a solid, strong and rigid partition, and

the equivalent of the partitions required by the plastering rules.

Resolved, that the decision of the commissioner of buildings be and it hereby is *modified* and the appeal be and it hereby is *granted* in connection with N. B. Application No. 71-1934, permitting the 2-in. solid plaster partitions to be constructed within this building, *on condition* that these partitions shall not exceed 8 feet in height at any point; that the vertical channels shall not be spaced at any point more than 36 inches on centers; that the wire lath shall weigh at least 3.4 pounds per square yard; that the partition over all shall be not less than 2 inches in thickness and shall, when completed, consist of solid plaster completely through from side to side; that the horizontal stiffening rods shall be located not more than 7 inches apart and shall be wired to the metal lath; that this partition shall be used solely for the construction of room partitions within individual apartments; that the plastering rules of the Board of Standards and Appeals shall be complied with in all other respects and that this variation shall not be deemed as a modification of the plastering rules for general application.

52-35-A.

APPELLANT—Edwin H. Snackenberg, for Ralph Holding Corp., lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1657-1663 Flatbush avenue, east side, 120 ft. north of Avenue I (Block No. 7578, part of Lot No. 38, and Block No. 7579, Lot Nos. 10 and 24), Brooklyn.

APPEARANCES—

For Appellant: Edwin H. Snackenberg.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Deputy Chief Ross..	4
Negative	0
Absent	0

THE RESOLUTION—

(52-35-A.)

WHEREAS, Edwin H. Snackenberg, for Ralph Holding Corp., lessee, filed February 27, 1935, an appeal from a decision of the commissioner of buildings, affecting premises 1657-1663 Flatbush avenue (Block No. 7578, part of Lot No. 38 and Block No. 7579, Lot Nos. 10 and 24), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings, dated February 26, 1935 (Applic. No. 1648-1935), reads:

“1. Gas pumps to be maintained at least 10 ft. from building line as per original plan (permit No. 388-35) and as per general order No. 21 of 1934.”

and

WHEREAS, the premises consist of a plot of ground with a frontage of 100 ft. on Flatbush avenue and a depth varying from 10 ft. at the northerly end to 77 ft. at the southerly end, the plot being irregular in shape and located in an unrestricted district upon which it is proposed to erect at the southerly end an office and auto laundry building and a two car grease pit; two sets of gasoline pumps are to be erected on the site, one towards the northerly end being set against the retaining wall of the driveway from the Long Island Railroad freight yard, 8 ft. back of the building line; the other set of gasoline pumps at the southerly end will be 10 ft. back from the building line; and

WHEREAS, the appellant contents that there is 10 ft. of property between the retaining wall and the building line and that there is a practical difficulty in that it is impossible to locate the gasoline pumps 10 ft. back of the building line.

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Resolved, that the decision of the commissioner of buildings, Applic. No. 1648-35, be and it hereby is *modified* and that the appeal be and it hereby is *granted*, permitting the twin gasoline pumps to be located, as indicated on plans filed with this appeal, against the proposed retaining wall, *on condition* that there shall be at least 8 feet of clear space between the building line and any part of the pumps or the face thereof; that there shall be only one set of such pumps within that portion of the premises which is only 10 ft. in width, parallel to Flatbush avenue; that other gasoline pumps that may be erected in other portions of the premises shall be located at least 10 ft. from the building line.

57-35-A.

APPELLANT—Benjamin B. Maksik, for Premier Assets Corp., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1400 51st street and 5101 14th avenue, southeast corner (Block No. 5667, Lot No. 7); adjoining building 5107 14th avenue, Brooklyn.

APPEARANCES—

For Appellant: Benjamin B. Maksik.

For Administration: None.

ACTION OF BOARD—Appeal granted.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(57-35-A.)

WHEREAS, Benjamin B. Maksik, for Premier Assets Corp., owner, filed March 5, 1935, an appeal from a decision of the commissioner of buildings, affecting premises 1400 51st street, and 5101 14th avenue, adjoining building 5107 14th avenue, (Block 5657 Lot No. 7), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings, dated March 17, 1933, reads:

"You will please take notice that there exists a violation of the building code at the premises hereinafter described, in that adjoining the described new building on the south side is a two (2) story and attic frame building 20 ft. by 50 ft. occupied as a one (1) family dwelling, the chimney of which is 9 ft. 6 ins., distant from the new building. This chimney should have been carried up to the height of the new building at the time of erection but was not done. In violation of Section 392 par. 9 of the building code:

"You are required to carry the chimney at No. 5107 14th avenue up to and above the roof of 5101 14th avenue up to and above the roof of No. 5101 14th avenue."

and

WHEREAS, the building is non-fireproof, 6-stories in height, 60 ft. by 90 ft. in area; occupied: as a tenement house, 30 families; on the plot adjoining these premises to the south is a 2-story and attic frame building, 20 ft. by 50 ft., occupied as a 1-family dwelling; the eaves of which are approximately 3 ft. from the lot lines; and

WHEREAS, it is contended by the commissioner of buildings under Section 392 of the building code, that the chimney of this 1-family dwelling is 9 ft. 6 in. distant from the building in question, which building in question was erected in December, 1930, and that the chimney of the 1-family dwelling should have been carried up above the roof of the new building; and

WHEREAS, it is the opinion of the board that the provisions of Section 392 of the building code were intended to apply only to buildings on neighboring premises which have walls actually on the lot line, this opinion being borne out by the fact that under Section 238, where the words "adjoining

properties" were formerly used, these words have been changed to "neighboring properties," showing a clear distinction in the mind of the framer between the meaning of the words "neighboring" and "adjoining"; and that the requirement of Section 392 would apply only to a building with wall on the lot line and with a chimney within 10 ft. of the wall of the building being carried up; and

WHEREAS in the instant case the wall of the 1-family dwelling is entirely isolated being 3 ft. or more away from the lot line and it would require spanning of the open space to carry up the chimney.

Resolved, that the decision of the commissioner of buildings be and it hereby is *reversed* and the appeal be and it hereby is *granted*.

63-35-A.

APPELLANT—David Kaufman, for The G. B. Farrington Co., lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—59 Water street (Block No. 32, Lot No. 9) Manhattan.

APPEARANCES—

For Appellant: David Kaufman.

For Administration: Inspector Maher of department of buildings,

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Absent 0

THE RESOLUTION—

(63-35-A.)

WHEREAS, David Kaufman, for The G. B. Farrington Co., lessee, filed March 9, 1935, a decision from the commissioner of buildings, affecting premises 59 Water street (Block No. 32, Lot No. 9), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, dated March 8, 1935 (Applic. No. 75-1935), reads:

"3. Proposed auxiliary tank on 6th story is contrary to oil burner rule 6, section 1.

"5. Proposed installation, even if auxiliary tank is omitted, is contrary to the interest of public safety, for following reasons:

- Heating apparatus is not enclosed by fireproof partitions, coiling not covered with fire retarding material, room ventilated by adequate fixed ventilation.
- No provision made for automatic stopping of pump in case of break, section 10, chapter 10 code of ordinances oil burner rule 16, Board of Standards and Appeals"

and

WHEREAS, the building, erected prior to 1890, is non-fireproof; 6 stories in height, 23 ft. by 85.3 ft. in area; occupied: 1st story—shipping, 3 persons; 2nd story—office, 12 persons; 3rd story—packing, 10 persons; 4th story—storage, 0 persons; 5th story—storage, 1 person; 6th story—factory, 5 persons; and

WHEREAS, the appellant claims he proposes to install on the 6th floor, a Vapofier Oil Burner (approved by the Board of Standards and Appeals under Cal. No. 184-34-SA), to supply heat for four cylindrical coffee roasting ovens which are surrounded by a brick setting, connected through a 50-gallon auxiliary tank, also on the 6th floor, connected to a Viking Oil Pump and a 550-gallon oil storage tank in the cellar; auxiliary 50-gallon tank provided with a 3/4-in. supply line from the pump and a 1-in. overflow line back to the storage tank; pump provided with a relief valve set at 30 pounds pressure; floor of ovens constructed of concrete over brick arches supported on I beams and tie rods existing

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since 1908; and smoke pipe from ovens surrounded by 2-ins. of asbestos and a metal thimble and leading to a separator to separate chaff from smoke on the roof and a fan mounted at base of smoke pipe all constructed as per building code in 1908; and

WHEREAS, the appellant claims that with respect to item 3, rule 6, section 1 does not strictly prohibit the location of an auxiliary tank above the lowest floor level; that the auxiliary tank is separated from the ovens by the brick setting around the floor; that it is essential to have a reserve supply of oil in case of repairs in order that the process of coffee roasting may not be interrupted and cause undue hardship, delay and spoiling of coffee to the detriment of consumers; and with reference to item 5, the appellant claims that section 10, chapter 10, code of ordinances gives express authority to the fire commissioner only to indicate whether the conditions in the interest of public safety are complied with before he issues a permit: that the oil burner rules of the Board of Standards and Appeals limit the jurisdiction of the commissioner of buildings to the approval of the location of storage tanks in an oil burner installation as indicated in rule 10, section 1(b) and section 2 and nowhere else in these rules is the commissioner of buildings given any jurisdiction; furthermore, the appellant claims that relative to part (a), rule 14, which concerns fire protection, is strictly adhered to, and relative to no effective mechanical or electrical contrivance that may stop the pump automatically in case of a break, from a practical standpoint; furthermore, rule 8(c) provides the manner in which oil burners may be installed above the lowest floor provided the floor is not over 50 feet above the street level and that this rule does not require any automatic stopping device and that the appellant does not propose anything contrary to this rule; and

WHEREAS, the appellant claims that the system is manually operated, that the entire system is completely shut-down after working hours; that there will be a remote control switch for stopping the pumps on both the first floor and the sixth floor, as well as a remote control switch for the burners near the stairway entrance. Appellant therefore requests that the board accept the plans of the proposed oil burning system as submitted; and

WHEREAS, a committee of the board visited these premises on March 21, 1935, and a verbal report of the chairman on behalf of the committee recommended that the oil burner rules could and should be complied with; and

WHEREAS, the board deemed that the storage of oil on the fifth floor of the building created a definite hazard and that the oil burner rules of the Board of Standards and Appeals should be complied with.

Resolved, that the decision of the commissioner of buildings, re Applic. No. 75-1935, be and it hereby is *affirmed* and that the appeal be and it hereby is *denied*.

9-35-A.

APPELLANT—George R. Read & Co., for Corn Exchange Bank Company, owner.

SUBJECT—Application for reopening—amendment—re appeal from the order of the commissioner of buildings.

PREMISES AFFECTED—55-59 Beaver street and 11-21 William street, northwest corner (Block No. 25, Lot, No. 35), Manhattan.

APPEARANCES—

For Appellant: William H. Class.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4

Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(9-35-A).

WHEREAS, this appeal affecting premises 55-59 Beaver street and 11-21 William street, northwest corner (Block No. 25, Lot No. 35), Borough of Manhattan, was granted by the board January 29, 1935, on certain conditions and appellant requested an amendment of these conditions.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on January 29, 1935, so that as amended the resolution shall read:

"Resolved, that the orders of the commissioner of buildings, item 1 of order No. 18330-f and Item 3 of order No. 18331-f, be and they hereby are *modified* and the appeal be and it hereby is *granted* accepting the existing closed standpipe and house supply tank on the roof *on condition* that the upper termination of one of the 6-in. standpipe risers is connected to the bottom of tank and provided with the required approved check and gate valves and a 4-in. emergency drain line and gate valve; that the house supply line shall be reconnected to the outside of tank above the 3500 gallon level and a new 3-in. tank filling line shall be installed supplied by means of existing steam pump to the suction tank in the cellar; that the steam pump and supply line shall be used solely for tank supply and the manifold shall be disconnected fully from the 500 G.P.M. electrically operated pump connected into standpipe system and provided with required approved check and gate valves; that the existing tank altitude gauge under an average pressure of 140 pounds in cellar may be maintained in lieu of a high and low tank water alarm; that all parts of the system exposed to freezing shall be protected as required for new installations by the rules of the Board of Standards and Appeals; that the standpipe system shall be under the supervision of a day and night certified standpipe operator; that other than as modified herein the standpipe system shall comply with rule 91 of the standpipe-fire line rules of the Board of Standards and Appeals in all respects and that other than the items modified herein the requirements of orders No. 18331-f and No. 18332-f shall be complied with in all respects."

363-34-A.

APPELLANT—William Shary for Raymond Robinson of the Father Devine Peace Mission, lessee.

SUBJECT—Correction of resolution—re appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—117-119 Macon street, northwest corner of Marcy avenue Block No. 1844, Lot No. 53). Brooklyn.

ACTION OF BOARD—Appeal reopened and resolution corrected.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE VOTE TO CORRECT RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

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THE RESOLUTION—

(363-34-A).

Resolved that the correction as appearing in the Bulletin of March 26, 1935, under Cal. No. 363-34-A, be approved as correctly stating in the last preamble preceding the resolution adopted by the board on March 5, 1935, the reason for the action taken in the resolution, it being the intention of the board to state fully that neither the commissioner of buildings nor the board of buildings nor the Board of Standards and Appeals have any power under chapter 764 of the laws of 1933 or any other law to vary the requirements of the multiple dwelling law respecting the proposed conversion or any other requirements of said law (meaning the multiple dwelling law), except as expressly authorized thereby (meaning the multiple dwelling law).

PETITIONS FOR VARIATIONS.

1543-17-S.

PETITIONER—Robert R. Rainey Co., Inc.

SUBJECT—Request for reopening—amendment—re Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—25-29 Thames street and 133-135 Greenwich street (Block No. 52, Lot No. 8), Manhattan.

APPEARANCES—

For Petitioner: John R. Hawthorne.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Request to reopen, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO RE-OPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross	4
Negative	0
Absent	0

295-34-S.

PETITIONER—Jack Z. Cohen, for Benwill Realty Corp., owner.

SUBJECT—Application for reopening—amendment—re Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—44-46 Crown street (front) and 42-48 Crown street (rear), S. S., 175ft. west of Franklin avenue (Block No. 1190, Lot No. 30), Brooklyn.

APPEARANCES—

For Petitioner: Jack Z. Cohen.

ACTION OF BOARD—Petition reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross	4
Negative	0
Absent	0

THE RESOLUTION—

(295-34-S).

WHEREAS this petition affecting premises 44-46 Crown street (front) and 42-48 Crown street (rear) (Block No. 1190, Lot No. 30), Borough of Brooklyn, was granted by the board December 4, 1934 on certain conditions and petitioner requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on December 4, 1934, so that as amended the resolution shall read:

“Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the requirements of the labor law and that the petition be and it hereby is *granted*, modifying the order of the commissioner of buildings No. 0382-LD on condition that the existing sliding fireproof doors to stairway in the northeasterly portion of the building shall remain provided tracks are so constructed as to permit the doors to be self-closing and provided the doors are approved by the commissioner of buildings as being fireproof or suitable for stairway enclosure; that there shall be installed approved fireproof-labelled fire doors at the opening in each story in the division wall between the two sections of the building, permitting the existing exterior stairway at the southeasterly portion of the building provided such stairway is not less than 3 ft. in width at all points; that there shall be maintained at all times from this exterior stairway an exit through the yard, open and unobstructed, to Franklin avenue; that there shall be constructed from the second story balcony of this exterior stairway a gooseneck ladder to roof; that the window directly underneath stairway shall be made fireproof, self-closing or fireproof stationary; that the existing stairway at the southwesterly portion of the building may remain provided the well-hole is completely floored over to the satisfaction of the commissioner of buildings, permitting this stairway as blocked at this time to be used as a closet; that the sprinkler system shall be maintained throughout the building in a condition satisfactory to the commissioner and *granted only so long* as certificate of occupancy issued under date of October 11, 1932 by the commissioner of buildings shall be complied with, together with the compliance with the conditions herein set forth.”

APPLIANCES SUBMITTED FOR APPROVAL

351-34-SA.

PETITIONER—Benjamin Wetstone, agent for Ellington Oil Burner Co., owner.

SUBJECT—Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater, approval of.

APPEARANCES—

For Petitioner: Benjamin Wetstone.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Deputy Chief Ross	4
Negative	0
Absent	0

THE RESOLUTION—

(351-34-SA)

WHEREAS, Benjamin Wetstone, agent for Ellington Oil Burner Co., owner, filed December 17, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The Ellington Range Oil Burner is a vaporizing type designed to burn 38 to 42 degree Baume oil. The essential parts of the burner assembly consists of an

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iron ashpit stand supporting the burner base castings. The base castings are of cast iron, having concentric grooves for the oil and supports the perforated steel shells. These shells have a pressed steel cover. The individual pedestal for each burner has a 3 point support and 2 leveling screws. A bolt is provided for rigidly fastening the burner to the ashpit. The metering valves are used to regulate the flow of oil, and are of the "V" Slot Type, manufactured by the Aetna Oil Burner Company. Extra heavy copper tubing is used for all oil connections, and the oil supply is from a two-gallon glass bottle protected by a metal jacket, equipped with two handles. The base of the stand supporting the oil reservoir and bottle is sufficiently wide to allow it to be firmly fastened to the floor.

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction card:

ELLINGTON SQUARE CIRCULATING HEATER.

This space heater is of the cabinet type equipped with a flue connection. It contains two range burners and is of the atmospheric feed type. The oil supply is regulated by a Aetna Valve Model R, and the oil is supplied from a 2½-gallon metal container, situated on the outside of the back of the cabinet. The necessary shield is provided to give adequate air circulation around the oil storage container. The oil container is rigidly held in place in the oil reservoir by means of two clamps fastened to each handle of the container.

ELLINGTON ROUND CIRCULATING HEATER.

This is a round type cabinet heater and is equipped with a flue connection. One single range burner unit is installed in this heater. The oil supply is from a two-gallon bottle similar to that used with the standard range burner that is described above. The metering valve is manufactured by the Aetna Oil Burner Company.

In recommending these space heaters and burners for approval, it is suggested also that certain requirements be carried out in their installation and incorporated on their instruction cards.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Ellington Range Oil Burner for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustible chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.

9. Floor beneath oil burner device shall be protected by a shield of at least ½ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 351-34-SA

Only an Approved Safety Can Shall be Used in Filling This Storage Container.

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

Resolved, further, that the Board of Standards and Appeals does hereby *approve* the devices known as the Ellington Square Circulating Heater and the Ellington Round Circulating Heater for domestic and commercial installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals and in accordance with the following additional requirements:

1. Only approved safety cans shall be used for the storage and filling of oil containers.
2. Floor beneath oil burner device shall be protected by a shield of at least ½ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the stove or range in which the device is installed.
3. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City.
Under Cal. No. 351-34-SA

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

4. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of Section 403 of Chapter V of the Code of Ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
5. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

40-35-SA.

PETITIONER—Benjamin Wetstone, agent for Ellington Oil Burner Co., owner.

SUBJECT—Ellington Range Oil Water Heater, Models M and J, approval of.

APPEARANCES—

For Petitioner: Benjamin Wetstone.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Deputy Chief Ross.. 4
Negative 0
Absent 0

THE RESOLUTION—

(40-35-SA).

WHEREAS, Benj. Wetstone, agent for Ellington Oil Burner Company, owner, filed February 15, 1935 a petition with the Board of Standards and Appeals for approval of the device known as Ellington Range Oil Water Heater, Models M and J; and

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WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The Model M water heater is a unit consisting of a two-gallon bottle with the proper reservoir and Aetna Metering Valve and a 6½-inch Ellington single range burner unit. The glass bottle is equipped with the required metal jacket, having two handles. The operation of the burner is identical with the Ellington Range Oil Burner, which was described in our report on Cal. No. 351-34-SA.

The Model J is made to replace the gas plate and gas heaters for hot water. It consists of a single 4-inch burner equipped with a standard two-gallon bottle properly protected by a metal jacket. In operation, it is similar to the Range Oil Burner described in Cal. No. 351-34-SA.

These burners were examined and tested under actual operating conditions. It was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction cards.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Ellington Range Oil Water Heater Models M and J, when installed in accordance

with the provisions of the oil burner rules of the Board of Standards and Appeals and with the following additional requirements:

1. Only approved safety cans shall be used for the storage and filling of oil containers.
2. Floor beneath oil burner device shall be protected by a shield of at least ½-inch asbestos or other equivalent material, this shield to extend at least 12-inches beyond the outline of the stove or range in which the device is installed.
3. The storage container shall bear a label permanently attached thereto, reading as follows:

NOTICE

APPROVED BY THE BOARD OF STANDARDS AND APPEALS

For Use In New York City
Under Cal. No. 40-35-SA.

Only An Approved Safety Can Shall Be
Used In Filling This Storage Container.

4. That the device shall be connected by a suitable flue pipe to a legal chimney, in accordance with the requirements of section 403 of chapter V of the code of ordinances, such chimney to be provided with a readily accessible cleanout door; that this flue be provided with a suitable stack check to nullify down draft.
5. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

Adjourned, 4:45 P. M.

EDWARD V. BARTON, *Chief Clerk*.

*CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, February 5, 1935, as they appeared in the Bulletin No. 7, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(313-34-SA).

WHEREAS, the General Electric Company, owner, filed November 9, 1934, a petition with the Board of Standards and Appeals for approval of their device known as General Electric Oil Screen Valve (anti-syphon type), Model CR7860-E1A; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The valve is designed to screen and filter the oil to prevent syphoning from the storage tank in case a break should occur in the oil line between the supply tank and the burner.

The valve consists of a casting tapped for inlet and outlet oil connections. Mounted upon this casting are two cylindrical housings one inside the other. Between these housings there is provided a cylindrical screen through which all the oil must pass before entering the inner housing. The inner housing has a needle valve located in the top and encloses the syphon valve.

Oil from the supply tank is admitted through the in-

let to the outer chamber and is free to fill the intermediate chamber but is prevented from entering the inner chamber since the valve is closed. The inside of the bellows, due to the opening to the atmosphere, is at atmospheric pressure. When the oil pump in the motor compressor starts, creating a vacuum and drawing oil through the inlet, the pressure is lowered in the inner chamber. As a result of this drop in pressure, atmospheric pressure causes the bellows to expand against the action of the valve spring, causing the valve to open. This permits oil in the intermediate chamber to flow into the inner chamber and thence to the burner as long as suction is maintained by the oil pump. If a break should occur anywhere in the oil line between the burner and the screen valve, the suction is lost and the valve spring closes the valve, since both the inside and the outside of the bellows are at atmospheric pressure.

For the purpose of this test a valve was located in the highest of the supply line to a burner being 10 feet above the pump, and connected to a small 10-gallon oil supply tank. The pump on the burner was operated until the oil was observed to be flowing freely from the tank to the burner. The suction line was broken at the pump. The valve operated as designed and closed off the suction preventing any syphoning and the only oil to spill out was that contained in the suction line between the pump and the valve.

As a result of this test it is recommended that this valve be approved for use in fuel oil installations, when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the Electric Oil Screen Valve, Model CR7860-E1A (anti-syphon type) for use in oil burner installations when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934.

*Correction—word “syphon” changed to “sylphon” in line 23 of resolution; words “but is prevented from” added after word chamber in line 26 and word “outlet” changed to “inlet” in line 30.

RULES

OIL BURNER RULES

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals
June 15, 1934

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

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STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester. (American Society for Testing Materials Method D93-22.)

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited unless complying with flash point requirement in paragraph (a) above and is used with burners designed to burn No. 5 U. S. commercial standard grade oil.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or more shall be built of new full weight American open hearth tank steel, free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and head plates shall be U. S. Standard 12 gauge (.109"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All 275-gallon storage tanks shall have permanently affixed the approval label of a nationally recognized standard testing laboratory not operated for commercial profit. They shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding hydrostatic test of 10 pounds per square inch without permanent deformation, rupture or leakage.

(e) All storage tanks of more than two hundred and seventy-five (275) gallons' capacity shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding a hydrostatic test without permanent deformation, rupture or leakage as follows:

(1) Oval, obround, rectangular, or specially shaped storage tanks, twenty pounds per square inch:

(2) Cylindrical storage tanks, fifty pounds per square inch.

(f) All cylindrical storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface.

(g) All buried storage tanks shall be thoroughly coated on the outside with hot tar, asphaltum, or other equivalent rust-resisting material; and where the tank is 48 inches or less in diameter the shell shall have a thickness of not less than $\frac{3}{16}$ of an inch and where the tank is over 48 inches in diameter the shell shall have a thickness of not less than $\frac{1}{4}$ of an inch.

(h) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers permanently sealed; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 2. Vertical Above-Ground Storage Tanks.

(a) All vertical above-ground storage tanks shall be built of new full weight American open hearth tank steel free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and bottom plates shall be one-quarter inch ($\frac{1}{4}$ ") and the minimum thickness of roof plates shall be one-eighth inch ($\frac{1}{8}$ ") and in no case shall the construction of the tank be less than the standard requirements of American Petroleum Institute specifications.

(b) The roofs of vertical storage tanks shall be designed to shed water and shall be permanently grounded to the tank shell. This, however, shall not exclude the use of floating steel decks.

(c) All above-ground storage tanks shall be electrically grounded.

(d) Vertical above-ground storage tanks shall be without permanent deformation and shall show no leaks when completely filled with water for test purpose prior to filling with oil.

Section 3. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

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Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimensions six inches (6") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than one foot (1') above the top of the tank and the space between the tank and the walls of the enclosure shall be completely filled with clean sand or well tamped earth.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "

If distant 50 feet.....	48,000 gallons
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper or brass tubing, may be used. Flexible metal tubing, when used for conveying oil shall be adequately protected. Soldered connections are prohibited.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not

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less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. Such fill pipe terminal shall be not more than twenty feet (20') from the curb or private right of way.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil" on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch.

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Commissioner.

(b) Applications for approval for permit shall be made by the installer on forms furnished by the administrative official and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued until the installation has been inspected by a representative of the administrative official.

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Section 2. Plans.

Except for installations in dwellings as defined in these rules the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried. Such tanks shall not be installed until the location of the tank has been approved by the Commissioner of Buildings.

Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks of two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty (20) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of ten minutes, released for five minutes, and again applied for a period of ten minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the administrative official. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be tested to prove their operation following the test of tank and piping.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the administrative official giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No rubbish or other combustible material shall be stored or maintained within five feet (5') of heating apparatus.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath such devices protected by a $\frac{1}{2}$ " asbestos or equivalent shield extending at least twelve (12") inches beyond the outline dimensions of such device.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand.

Rule 15. Instruction Cards.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity [Rule 4(b)] are installed, there shall also be posted a copy of the approval specifications in addition to the instruction card herein provided for.

(b) For manually operated systems not fully automatic the operator shall obtain a certificate of fitness from the fire commissioner.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, or when additional protection is necessary, the administrative official shall have power to accept substitute methods so that the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules applicable thereto shall be deemed acceptable.

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2 $\frac{1}{2}$:5 concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Auto Heat Oil Burner.....	284-33-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Morse Fuel Oil Burner.....	820-23-SA
Ballard Automatic Oil Burner.....	1363-23-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Jr. Oil Burner.....	1176-27-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Nichols-McCann-Harrison Burners	255-31-SA
Berggren Oil Burner.....	764-26-SA	North American Low Pressure Oil Burner....	792-26-SA
Best Calorex Burner.....	1464-21-SA	Oilbilt Burner	85-33-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Oronoke Oil Burner.....	394-30-SA
Bock Oil Burning Water Heater.....	102-34-SA	Packard Fuel Oil Burner.....	77-34-SA
Brighton Oil Burner.....	372-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Burnwell Mechanical Burner.....	957-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Petro Model W Oil Burner.....	452-31-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Coen Mechanical Oil Burner	942-21-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Presto Automatic Oil Burner.....	294-34-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
D'Elia Oil Burner.....	155-31-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
DeWalt Oil Burner.....	541-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
Doe Oil Burner.....	317-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rockwell Fuel Oil Burner	341-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. K. Oil Burner, Model F.....	369-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Gem Fuel Oil Burner.....	111-26-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Standadyne Oil Burner.....	34-34-SA
Ghapco Steam Generator.....	348-31-SA	Steam Oil Burner.....	183-22-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun Heat Oil Burner.....	603-29-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Grant Oil Burner, Model "C".....	232-32-SA	Sunway Oil Burner.....	624-30-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Surface Combustion Low Pressure Burner....	92-23-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Rotary Oil Burner.....	297-29-SA
Hauck Venturi Low Pressure Oil Burner....	88-27-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hayward Oil Burner.....	696-30-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Burner (pump type).....	94-32-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Vapofier Oil Burner.....	184-34-SA
Korth Oil Burner, Model G.	136-34-SA	Vapomatic Oil Burner	275-34-SA
Kreager Oil Burner.....	367-30-SA	Vaporoil Burner	44-32-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Iaco Oil Burner, Models F, JF, BF and D..	226-33-SA	Wheco Oil Burner.....	108-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Liberty Automatic Heater	129-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
Leintz Oil Burner.....	155-20-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Loneragan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
May Oil Burner.....	68-24-SA		
Midget Oil Burner.....	155-34-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
- 443-26-SA—American Anti-Syphon Valve.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 126-33-SA—Tower Range Oil Burner.
- 162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 349-33-SA—Herco Oil Burner.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 88-34-SA—Bettendorf Automatic Oil Burners, Models D, G and F.
- 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
- 125-34-SA—American Oil Burner.
- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

- 165-34-SA—Rose Oil Heater.
- 203-34-SA—King Oil Burner.
- 205-34-SA—Automatic Firetox Extinguisher.
- 208-34-SA—Globe Oil Burner Pump.
- 221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).
- 224-34-SA—Progressive Press Machine Oil Burner.
- 234-34-SA—Bland Range Oil Burner.
- 274-34-SA—B. & H. Radiant Stove Oil Burner.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 302-34-SA—Loyalty Range Burner.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 345-34-SA—Micron Oil Burner.
- 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
- 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 13-35-SA—Nairoil Oil Burner, Type R, Model E.
- 17-35-SA—Toridheet Oil Burner, Model G.
- 29-35-SA—Aetna Range Oil Burner.
- 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
- 36-35-SA—Kennedy Special Double Seal Joint Fitting (Plumbing Device).
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 54-35-SA—Putnam Range Oil Burner.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	11
Cases filed up to March 27, 1935.....	78	Dismissed	6
Restored to Calendar	20	Denied	29
		Granted	1
		Granted on condition	47
		Appliances approved	29
		Appliances dismissed, disapproved or withdrawn.....	2
		Rules approved	0
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	108	Requests to reopen granted	98
Requests to amend	64	Requests to reopen denied	3
Requests for modification	0	Requests to amend granted	64
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time	11	Requests for modification granted	0
Requests for extension permit	3	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans	5	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted.....	11
Requests for interpretation	0	Requests for extension of time denied	0
Total	452	Requests for extension of permit granted	3
Disposed of	316	Requests for extension of permit denied.....	0
Cases pending March 27, 1935	136	Requests to install granted.....	0
		Requests to install denied	0
		Plans approved	5
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	7
		Total	316

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order. therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

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BULLETIN OF THE BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

APRIL 9 1935
THE UNIVERSITY OF CHICAGO

Single Copies, 5 cents
By mail, 8 cents

No. 15

DIRECTORY

APR 18 1935

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, April 8, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, April 15, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

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Minutes of Regular Meeting, April 2, 1935, at 2 P. M.

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Cal. No.	Department.	Premises Affected.
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89-35-SA.....	F.D.....	Siphon-Proof Water Closet, Type A, Appliance.
88-35-SA.....	F.D.....	Kraissl-Trumbull Fuel Oil Wall Pump, Appliance.
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86-35-BZ.....	D.B.Bx....	1750 Davidson ave., S.E. cor. of West 176th st. (Block 2861, Lots 67 and 69), The Bronx, Alt. 75-35.
85-35-SA.....	F.D.....	Greenawalt Down Draft Combustion Oil Burning Furnace, Appliance.
84-35-BZ.....	D.B.Q.....	7702-7712 Jamaica ave., 8661-8667 77th st., S.E. cor. (Block 56, Lot 1), Woodhaven, Queens, Applic. 419-35.
83-35-BZ.....	D.B.M.....	204-206 West 88th st. (Block 1236, Lots 38-39), Manhattan, Alt. 517-35.
82-35-BZ.....	D.B.M.....	210 West 88th st. (Block 1236, Lot 41), Manhattan, Alt. 2353-31.
81-35-BZ.....	D.B.B.....	2027-2035 Flatbush ave., N.E. cor. of Baughmann pl. (Block 7867, Lot 1), Brooklyn, Applic. 2079-35.
80-35-BZ.....	D.B.B.....	1802 Avenue N, 1417-1429 East 18th st., S.E. cor. (Block 6756, Lots 1 and 4), Brooklyn, Applic. 1706-35.
79-35-BZ.....	D.B.Bx....	3223 Laconia ave. (Block 4613, Lot 54), The Bronx, Decision.

Restored to Calendar.

568-30-SA.....	F.D.....	Tuthill Fuel Oil Pump, Model 30-LE, Appliance.
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CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

Certificate of Occupancy, approved forms	Last Publication in Bulletin
Concrete Flat Slabs, Rules.....	Aug. 2, 1932—Vol. 17 No. 31
Concrete Rules (Hydrated Lime)....	Dec. 4, 1934—Vol. 19 No. 49
Elevator Rules.....	Oct. 9, 1934—Vol. 19 No. 41
Exit Rules (Revolving Doors)....	July 3, 1934—Vol. 19 No. 27
Factory Exit Rules.....	Jan. 1, 1935—Vol. 20 No. 1
Fire Alarm Rules (Interior).....	Dec. 11, 1934—Vol. 19 No. 50
	Nov. 20, 1934—Vol. 19 No. 47

Fire Drill Rules.....	May 30, 1933—Vol. 18 No. 22
Fire Retarding Rules for Garages, etc.	Apr. 9, 1935—Vol. 20 No. 15
Fireproof Wood, Testing of.....	Apr. 9, 1935—Vol. 20 No. 15
Frame Garages, Ruling for.....	Jan. 21, 1919—Vol. 4 No. 3
Gas Shut-Off Rules.....	Apr. 7, 1925—Vol. 10 No. 14
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Paint, Varnish and Lacquer Spraying Rules.....	Nov. 27, 1934—Vol. 19 No. 48
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LIST OF APPROVED APPLIANCES

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Range Oil Burners and Space Heaters.....	Mar. 26, 1935—Vol. 20 No. 13

COURT DECISIONS

Hassall vs. Murdock et al—Dec. 27, 1933, board denied gas station in business district, under sections 7-f and 21, Cal. No. 141-33-BZ, premises northwest corner Farmers boulevard and 143rd road, Springfield, Queens. Mr. Justice Faber confirmed referee's report and reversed board. (N. Y. L. J. March 28, 1935).

* * *

In re Legrand Bleach Corpn. &c. vs. Murdock, et al—Board denied appeal from decision of fire commissioner in re storage of chlorine gas, Cal. No. 363-31-A, premises 111-17 49th street, Brooklyn. Mr. Justice Cuff sustained board. (N. Y. L. J. March 28, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 8, 1935, AT 2 P. M.

Building Zone Cases.

182-30-BZ.
APPLICANT—Marshall & Marshall, for Jennie MacDonald, owner.
PREMISES—8918-8932 4th avenue, northwest corner of 90th street (Block No. 6064B, Lot No. 65), borough of Brooklyn.
APPLICATION, under section 21 of the building zone resolution (reopened and restored to Calendar February 19, 1935),
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn).
31-35-BZ.
APPLICANT—Albert E. Schaefer, for Whitlock Holding Corp., owner.
PREMISES—1506 Jerome avenue, east side, 55.36 ft. north of East 172nd street (Block No. 2846, Lot No. 4), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the alteration and change of occupancy of an existing building to a motor vehicle repair shop.

55-35-BZ.
APPLICANT—Samuels & Samuels, for Esther Weiss, owner.

CALENDAR

PREMISES—5255-5265 Kings Highway and 5302 Preston Court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

APRIL 9, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 9, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 340-34-BZ—Application, December 4, 1934, under section 21 of the building zone resolution, of Richard Morrison, applicant, on behalf of New York Central Railroad Company, owner, to permit in a business district the use of a plot of ground as a parking space for more than five (5) motor vehicles; premises west side of Newell street, 72 ft. 5 in. south of Gun Hill road (Block No. 3358, part of Lot No. 1), The Bronx.

CAL. NO. 342-34-BZ—Application, December 3, 1934, under section 21 of the building zone resolution, of Albert M. Lee, applicant, on behalf of Seventy-Fourth Street Manhattan Corporation, owner, to permit in a residence district the alteration and conversion of two (2) existing dwellings into a building to be occupied for business purposes (stores on first story); premises 231-233 West 74th street (Block No. 1166, Lot Nos. 13 and 14), Manhattan.

CAL. NO. 327-34-BZ—Application, November 20, 1934, under section 21 of the building zone resolution, of Martin J. Ort, applicant, on behalf of Arthur Mulveny, owner, to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop; premises 615 Baltic street, northeast corner of 4th avenue (Block No. 937, Lot No. 1), Brooklyn.

CAL. NO. 20-35-BZ—Application, January 22, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Edward G. Falter, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 711-719 Gun Hill road, north side, 100 ft. east of White Plains road (Block No. 4657, Lot No. 8), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 9, 1935, 2 P. M.

Appeals from Administrative Orders

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

72-35-A—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

14-35-A—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

70-35-A—35-41 Exchange place, 37-41 William street and 49-51 Wall street (Block No. 26, Lot Nos. 21 and 24), Manhattan.

75-35-A—1535 Decatur street, southwest corner of Wyc-koff avenue (Block No. 2829, Lot No. 51), Ridgewood, Borough of Queens.

76-35-A—37-39 Jane street (Block No. 626, Lot No. 48), Manhattan.

Appliance Submitted for Approval

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 15, 1935, AT 2 P. M.

Building Zone Cases.

315-34-BZ.

APPLICANT—Sidney L. Strauss, for John H. Gerken, Inc., owner.

PREMISES—63-71 Hopkins street and 460-468 Marcy avenue, northwest corner (Block No. 1719, Lot Nos. 43 to 49 inclusive), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

352-34-BZ.

APPLICANT—Charles M. Arak, for Laura E. Mace, owner.

PREMISES—724-748 Mace avenue, southwest corner of Boston road (Block No. 4431, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

872-28-BZ.

APPLICANT—Eugene De Rosa, for John A. McCarthy, owner.

PREMISES—2311 Grand Concourse, northwest corner of East 183rd street (Block No. 3164, Lot No. 31), The Bronx.

APPLICATION, under section 21 of the building zone resolution, (reopened January 29, 1935),

TO PERMIT partly in a residence district and partly in a business district, the alteration and reconstruction of a portion of stores (previously granted by the board) into a motion picture theatre.

44-35-BZ.

APPLICANT—Kennedy and Ellner, for Henry A. Bonori, owner.

PREMISES—46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

CALENDAR

APRIL 16, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 16, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 894-28-BZ—Application of Samuels and Samuels, on behalf of Gustaf Larson, owner, reopened and restored to Calendar January 22, 1935, under section 21 of the building zone resolution, to permit upon a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2702-2712 Foster avenue and 1285-1289 Rogers avenue, south-east corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

CAL. NO. 353-34-BZ—Application, December 18, 1934, under section 21 of the building zone resolution, of Benjamin Millstein, applicant, on behalf of Edmund Burke, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 5913-5923 Church avenue and 876-886 Ralph avenue, north-west corner (Block No. 4685, Lot Nos. 29 and 30), Brooklyn.

CAL. NO. 1-35-BZ—Application, January 4, 1935, under sections 7b and 21 of the building zone resolution, of Abraham S. Bursky, applicant, on behalf of Manuel Gonzales Benitez and Amalia Gonzales Benitez, owners, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use (undertaker establishment); premises 111 West 111th street (Block No. 1821, Lot No. 21½), Manhattan.

CAL. NO. 46-35-BZ—Application, February 19, 1935, under section 21 of the building zone resolution, of Sugarman and Berger, applicants, on behalf of Concourse Development, Inc., owner, to permit in a residence use and also 1¼ times height district, the erection of part of the street wall of a proposed multiple dwelling to a height exceeding the limit set by the building zone resolution; premises 1000 Grand boulevard and Concourse, north-east corner of East 164th street (Block No. 2461, Lot No. 90), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 16, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, April

16, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone resolution, of Mario J. Cafiero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

CAL. NO. 5-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Eleto Realty Corporation, owner, to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4297-4301 Broadway (Block No. 2180, Lot No. 108), Manhattan.

CAL. NO. 296-32-BZ—Application of Levy and Berger, on behalf of Kings Bay Realty Corporation, owner, reopened January 15, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

CAL. NO. 540-27-BZ—Application of Bernard Austin, on behalf of Anhil Realty Corporation, present owner, reopened March 5, 1935, by order of the court, under section 21 of the building zone resolution, for an amendment to the resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board; premises 725-727 Bedford avenue, south-east corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 22, 1935, AT 2 P. M.

Building Zone Cases.

53-31-BZ.

APPLICANT—Isaac T. Flatto, owner.

PREMISES—301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, part of Lot Nos. 62 and 64 and Lot 63), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened February 13, 1935).

TO PERMIT in a business district the permanent maintenance of a gasoline service station (previously granted by the board for a temporary period).

CALENDAR

50-35-BZ.

APPLICANT—August Staiano, for Francis G. Hooley and Sara Wilson, owners.

PREMISES—1264 Castleton avenue, south side, 272.09 ft. east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Richmond.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT on a plot, extending from a business district into a residence district, the erection and maintenance of a gasoline service station on the business part of the plot.

92-31-BZ.

APPLICANT—Abraham N. Horwitz, for Sarah Raskin and Yetta Raskin, owners.

PREMISES—8401-9411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened February 13, 1935),

TO PERMIT in a business district the permanent maintenance of a gasoline service station (previously granted by the board for a temporary period; denied by the board for a permanent maintenance and referred back to the board by the court).

APRIL 23, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, April 23, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

CAL. NO. 45-35-BZ—Application, February 19, 1935, under section 7a of the building zone resolu-

tion, of Matthew W. Del Gaudio, applicant, on behalf of Helen R. McGowan and Loretta M. McGowan, owners, to permit in a residence district the alteration and extension of an existing (frame) business building; premises 2356 University avenue, east side, 1163.63 ft. north of West 183rd street (Block No. 3212, Lot No. 57), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 23, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, April 23, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

CAL. NO. 337-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Solomon Gelfand, applicant, on behalf of Annie Livshitz, owner, to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops; premises 1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Brooklyn.

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corporation, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MAY 7, 1935, 2 P. M.

Appeal from Administrative Order

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

MINUTES

MAY 14, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, May 14, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, APRIL 2, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

624-26-BZ.

APPLICANT—Leopold Spitz, for Apa Realty Corporation, present owner.

SUBJECT—Application (re decision of the commissioner of buildings, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years.

PREMISES AFFECTED—Southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Charles Landesman, S. Walter Katz and H. Lackmann.

For Opposition: Edward A. Kole.

ACTION OF BOARD—Laid over to April 23, 1935, at 2 P. M., for report of committee on inspection. No further argument.

337-34-BZ.

APPLICANT—Solomon Gelfand, for Annie Livshitz, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops.

PREMISES AFFECTED—1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Brooklyn.

APPEARANCES—

For Applicant: Solomon Gelfand.

For Administration: Assistant Engineer Benjamin Saltzman for department of buildings.

For Opposition: None.

ACTION OF BOARD—Laid over to April 23, 1935, at 2 P. M., for report of committee on inspection. No further argument.

42-34-BZ.

APPLICANT—Philip Finkelstein, for Emdee Management Corporation, owner.

SUBJECT—Application reopened March 5, 1935, by order of the court, for reconsideration—re Application (decision of the commissioner of buildings) under

section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied).

PREMISES AFFECTED—389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

APPEARANCES—

For Applicant: Philip Finkelstein, Jack Jacobsen.

For Opposition: Joseph A. Shields, L. C. Squire.

ACTION OF BOARD—Laid over to April 23, 1935, at 2 P. M., in order that objectors may personally appear.

349-34-BZ.

APPLICANT—Christopher McGrath, for Blanche Rosenberg, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

APPEARANCES—

For Applicant: E. Thomas Cartelli.

For Opposition: S. F. Reynolds, Peter Sinnott, Dick Demarest, Malcolm G. Stark, William J. Carey, William Sinnott and Carl Schmidt.

ACTION OF BOARD—Laid over to April 23, 1935, at 10 A. M., at request of applicant's representative.

15-35-BZ.

APPLICANT—Edgar J. Moeller, for Claude H. Birdsall, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2093-2099 Flatbush avenue and 4401-4413 Avenue "N", northeast corner (Block No. 7869, part of Lot No. 2), Brooklyn.

APPEARANCES—

For Applicant: Edgar J. Moeller, Joseph Donnellan.

For Opposition: Joseph I. Weissman, M. Harry Price.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

MINUTES

THE RESOLUTION—

(15-35-BZ)

WHEREAS, Edgar J. Moeller, for Claude H. Birdsall, owner, filed January 14, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises 2093-2099 Flatbush avenue and 4401-4413 Avenue N, northeast corner (Block No. 7869, Lot No. 2), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 2, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Flatbush avenue is in a business district; Avenue N is in a business district; East 45th street is in a residence and business district and Troy avenue is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 4, 1935, re App. No. 17247-34, reads:

"Proposed gasoline service station to be located on that part of Lot No. 2, which is in a business use district, is contrary to Art. II, Sect. 4a of zone resolution."

and

WHEREAS, the premises consist of an irregular-shaped plot of ground having a frontage of 77 feet on Flatbush avenue, 3.2 feet on Troy avenue, 100 feet on Avenue N and a distance of 98.6 feet along the northwest lot line—upon which it is proposed to erect a one-story office and grease pit structure 52 feet by 33 feet in area, 2 (outside) grease pits and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the chairman stated at the hearing that the board was familiar with the site under appeal and its surroundings, a committee of the board having visited the vicinity recently; and

WHEREAS, the board deems that the applicant has not substantiated his basis of appeal under section 21 of the building zone resolution of unnecessary hardship and practical difficulties.

Resolved, that the *decision* of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

Adjourned, 1:00 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, APRIL 2, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

288-34-BZ.

APPLICANT—Kennedy & Ellner, for Ignatz Wohl, owner.
SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Cross Bay boulevard and Albert road (Old South road), (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens.

APPEARANCES—

For Applicant: Clarence Leventhal.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(288-34-BZ)

WHEREAS, Kennedy & Ellner, for Ignatz Wohl, owner, filed October 10, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises northwest corner of Cross Bay boulevard and Albert road (Old South road), (Block No. 2298, Lot No. 45), Ozone Park, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 2, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Cross Bay boulevard is in a business district; Albert road is in a residence, business and unrestricted district; 149th avenue is in a business and unrestricted district and Redding street is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered December 17, 1934, re N.B. Application No. 1712-1934, reads:

"1. The erection of a gasoline service station in a business district is contrary to Article 2, Section 4, sub. 46 of the building zone resolution. Not further considered."

and

WHEREAS, the premises consist of an irregular-shaped plot of ground having a frontage of 113 ft. on Cross Bay boulevard, 114 ft. on Albert road and a distance of 100 ft. along the west lot line—upon which it is proposed to erect a one-story office and auto laundry structure, 20 ft. by 28 ft. in area, grease pits and also the necessary tank and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal No. 288-34-BZ.

Premises: N.W. cor. Cross Bay blvd. and Albert road (Old South road), (Block No. 2298, Lot No. 45), Ozone Park, Queens.

This is an application for a zoning variance under section 21 to permit a gasoline service station at the northwest corner of Cross Bay boulevard and Albert road, Ozone Park, Queens, in an area zoned for business use.

There was a previous application by a former owner for a gasoline station on this plot under Cal. No. 413-28-BZ. The dimensions of that plot were somewhat different as there was a greater frontage on Cross Bay boulevard and less frontage on Albert road, the total

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area at that time being approximately 4,900 sq. ft. as against this present application of 8,775 sq. ft., but in each application the corner portion was included. Through a mistake in the street description on the present application the previous determination of the board was not discovered until after the case was docketed. On the prior case the vote of the board was to deny the application by a vote of 3 to 1. There was apparently no inspection of the site prior to determination, but it is apparent from the plans and photographs filed as well as by information given at this hearing that there has been considerable building development since the previous hearing. Albert road was then unopened. Now it is opened and houses have been erected on both sides within the residential area adjoining the plot now under appeal and also opposite on the south side of Albert road in an area which appears to be incorrectly zoned for business use, although occupied exclusively by residences.

On Cross Bay boulevard, adjoining the plot under appeal to the north and now under the same ownership, there has been erected a large market, one story in height. All of the uses in the immediate area are in conformance with the zoning regulations, but a block to the north are two gasoline stations.

The objectors in this present application are owners of houses adjacent on Albert road and owners of business property on the opposite side of Cross Bay boulevard, as well as the commissioner of parks, who points out that the property to the south between Albert road and Sunrise highway is about to be developed into a large playground.

The committee of the board in inspecting this site and the surroundings and considering the previous denial can find no reason for reversing the previous determination of the board and find that there is far less reason for considering favorably this present application than the former. It has been proven that the property can be developed as evidenced by the store and the dwellings erected since the previous action. While it has been stated that the store is not a financial success, the board should disregard this claim as the store is still in business and undoubtedly suffering to no greater extent than other business enterprises similarly situated. The committee finds this as no proper ground for permitting this same owner to construct a gasoline station next door to the detriment of the other adjoining owners. There appear to be sufficient gasoline stations in the general area. It would appear to the committee that the lot is of sufficient size and admirably located for an apartment house development.

The committee recommends denial, as they find no hardship has been proven within the meaning of the zoning resolution.

(Signed) HARRIS H. MURDOCK, Chairman,
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended denying of the application, and the board deemed that applicant was not entitled to relief under section 21 on the grounds of practical difficulty and unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

362-34-BZ.

APPLICANT—Abraham N. Horwitz, for 1230 Jerome Avenue, Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone

resolution, to permit in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1227-1229 River avenue and 1230 Jerome avenue, east side, 165 ft. 6 in. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

APPEARANCES—

For Applicant: Abraham N. Horwitz.

For Opposition: Edward F. Clark, Abraham Wilson and Earl I. Gallant.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(362-34-BZ)

WHEREAS, Abraham N. Horwitz, for 1230 Jerome Avenue, Corp., owner, filed December 26, 1934, an application under the building zone resolution to permit in a business district the alteration, extension in height and, also, change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises: 1227-1229 River avenue and 1230 Jerome avenue, east side, 165 ft. 6 in. north of East 167th street (Block No. 2489, Lot No. 8), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 2, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jerome avenue is in a business and residence district; River avenue is in a business district; East 167th street is in a business district and East 168th street is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered dated December 18, 1934, re Alteration Application No. 616-1934, reads:

"1. Public garage for more than five motor vehicles in a business district is contrary to the provisions of the building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 82.8 ft. on Jerome avenue, 75 ft. on River avenue, and a maximum depth of 151.4 ft. There is located upon the site a one-story, non-fireproof structure, facing on Jerome avenue and erected at the Jerome avenue grade, which at this point is about 15 ft. lower than the grade of River avenue. This building is occupied as stores, an auto laundry, lubricating and greasing service. It is proposed to continue this use on the first story and to erect a second story upon the existing building, which second story will be at the grade of River avenue—and to use the second story as a garage for more than five motor vehicles with ingress and egress to River avenue; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal. No. 362-34-BZ.

Premises: 1227-29 River avenue and 1230 Jerome avenue, east side, 165 ft. 6 in. No. of E. 167th street (Block No. 2489, Lot No. 8), The Bronx.

The plot under appeal is in a district zoned for business use and runs through from River avenue to Jerome avenue. On this plot is now a one-story building occu-

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pied as an automobile laundry with a garage for not more than five cars, a permitted use in a business district. It is proposed to add a story to the building with entrance only to River avenue, the grade of which is some fifteen feet above Jerome avenue, this new story to be occupied as a garage for more than five cars. The application is under section 21. The hardship claimed is that the building as used no longer pays, although apparently once very profitable and that due to adjacent non-conforming uses, together with the elevated along River avenue, the building can be put to no other profitable use.

This board has granted variations in this vicinity along Jerome and Cromwell avenues, but none along River avenue except the gasoline station adjoining this plot under appeal to the north and which, because of the grade is not accessible to River avenue. On River avenue to the south the board denied a garage just beyond the area herein deemed affected, where the conditions while somewhat similar were unlike as to adjacent non-conforming uses.

The consents are from owners of scattered plots that this proposed garage would not affect, except three plots on the opposite side of River avenue near East 168th street, apparently under the same ownership or control. The objectors are nearby, being owners in this same triangular block. By personal appearances at the hearing and by affidavits, these owners strenuously object to a public garage near them and claim that the building is now being illegally used for a garage for more than the permitted five cars. The objectors claim that the financial loss to them will be far greater than the possible gain to this owner, particularly as the area is now so well supplied with garage accommodations that no more are needed. It developed at the hearing that a group of nearby garages had only about a 55 per cent occupancy and that it is questionable whether an additional garage for 70 cars would pay.

The recent decision in the Young Women's Hebrew Association case by the Court of Appeals was referred to by both objectors and applicant as being favorable to their respective sides.

The committee which inspected the site and considered all the points raised is not in favor of this additional garage at this location, particularly opening on River avenue. It is difficult to classify a building to be used as requested as a legal 5-car garage on the ground floor and a non-conforming 70-car garage on the proposed second floor, a condition which can only develop into non-conforming occupancy on both floors. The decision of the court in Werner vs. Walsh referred to garage conditions on Jerome avenue and the court said the board should exercise regulation against an over-supply. The uncontroverted figures indicate there is such an over-supply at present and to add more would be to harm the others to the financial advantage of one. The committee finds no real hardship except of a financial nature due either to competition in car laundries, resulting in too low prices to permit profits or to depression conditions. The committee is of the opinion that the injury to surrounding properties would far offset any possible advantage to this owner. Even if hardship due to nearby non-conforming uses existed, the committee could not recommend the exercise of the board's discretion to grant and accordingly recommends denial.

(Signed) HARRIS H. MURDOCK, Chairman,
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application, and the board deemed that applicant was not

entitled to relief under section 21 on the grounds of practical difficulty and unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

147-34-BZ.

APPLICANT—Kadel, Van Kirk and Trencher, for Socony-Vacuum Oil Company, Inc., present owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the extension of an existing gasoline service station.

PREMISES AFFECTED—Northwest corner of Hillside avenue and 188th street (Block No. 1007, Lot No. 1), Hollis, Borough of Queens.

APPEARANCES—

For Applicant: Harold Leddy

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(147-34-BZ)

WHEREAS, this application affecting premises northwest corner of Hillside avenue and 188th street (Block No. 1007, Lot No. 1), Hollis, Borough of Queens, was granted by the board September 25, 1934, on certain conditions and applicant requested an extension of time.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of September 25, 1934, only in the following respects:

„That the plans shall be submitted to the board and approved by the chairman on behalf of the board before same are filed with the commissioner of buildings: that such plans shall be submitted to the chairman within two months from the date of this amended resolution and after such submission and approval, all permits shall be obtained within six months and all work completed within one year from the date of this amended resolution; that other than as herein stated, the resolution of the board adopted September 25, 1934, shall be complied with in all respects.”

APPEALS FROM ADMINISTRATIVE ORDERS.

216-34-A.

APPELLANT—Geo. R. Strehan, for A. R. Haeuser Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Laid over to May 7, 1935, at 2 P. M., upon written request of appellant.

72-35-A.

APPELLANT—Martin F. Doyle, for Elmer Rich and Reuben J. Rich, owners.

SUBJECT—Appeal from a decision of the commissioner of buildings.

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PREMISES AFFECTED—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

APPEARANCES—

For Appellant: Martin F. Doyle.

For Administration: Inspector Maher of the department of buildings.

ACTION OF BOARD—Laid over to April 9, 1935, at 2 P. M., for further consideration by the board.

312-34-A.

APPELLANT—Croker Fire Prev. Corp., for Constable Estate, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan.

APPEARANCES—

For Appellant: Sidney L. Strauss.

For Administration: Inspector Maher of the department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(312-34-A)

WHEREAS, Croker Fire Prev. Corp., for Constable Estate, owner, filed November 8, 1934, an appeal from an order and a decision of the commissioner of buildings, affecting premises 109-111 Fifth avenue and 7 East 18th street, northeast corner (Block No. 847, Lot No. 1), Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated June 25, 1934. Order No. 14438-F, reads:

8. Provide approved fireproof windows with metal or Kalameined frames glazed with wired glass for all openings in the interior wall above the 1st story, which are distant in a direct line less than 30 ft. from any opening and which are not more than 50 ft. above a neighboring roof at north and east sides of court or other approved protection, as per Section 375, Article 18, Chapter 5, code of ordinances."

and

WHEREAS, the decision of the commissioner of buildings, dated October 22, 1934, reads:

"In reference to your request to rescind item 8, of Order 14438-F pending against the above premises and requiring the exterior window openings in the court at north side of the building to be protected in accordance with Section 375, Chapter 5, code of ordinances, you are advised that the openings in question are within thirty feet in a horizontal direction from openings in the adjoining building to north and within fifty feet in a vertical direction of the roof of the same building.

"Your request must, therefore, be denied."

and

WHEREAS, the building is fireproof, 12 stories (171 ft. 11 in. in height, 100 ft. by 200 ft. in area; OCCUPIED for stores and offices; and

WHEREAS, the appellant claims the building was erected in 1895, equipped with an approved standpipe system; 115 window openings on the northerly inner court; marked X on drawings, are affected by the order, all these windows are of wood sash and frame glazed with polished plate glass, 82 of which are protected with rolling steel shutters on the inside of the building; practically all the windows above the 2nd story affected are distant 20 to 30 feet from the adjoining

ing buildings; furthermore, the appellant contends that the building in question and all the buildings causing the exposure are equipped with 100 per cent sprinkler systems in perfect condition, they are under the same ownership and management.

Resolved, that the order of the commissioner of buildings No. 14438-F, be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that the windows in the stairhall opening upon the side court shall be made fireproof self-closing on all stories; that the shutter now in use at windows marked "X" on the plans filed with this appeal marked "received November 8, 1934" shall be kept in good workable condition and kept closed each night; that this requirement as to night closing may be waived in the event that these shutters are arranged to be automatically self-closing to the satisfaction of the administrative official; that the sprinkler systems shall be maintained, not only in the building under appeal but the adjoining buildings, 113-115 Fifth avenue and 10 East 19th street, under same ownership, to the satisfaction of the department having jurisdiction.

307-34-A.

APPELLANT—Edwin W. Kleinert, for Wheeler Shipyard Inc., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Brooklyn.

APPEARANCES—

For Appellant: Edwin W. Kleinert and Gustav Larson.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	
Negative	
Absent	

THE RESOLUTION—

(307-34-A)

WHEREAS, Edwin W. Kleinert, for Wheeler Shipyard Inc., owner, filed October 31, 1934, an appeal from a decision of the commissioner of buildings affecting premises 2973-3011 Cropsey avenue (Block No. 6997, Lot Nos. 300, 310, 312, 330, 331 and 333), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings dated October 17, 1934, Appl. No. 14296-1934, reads:

"1. Obtain permission of Board of Standards to connect yard hydrants to City mains as per R.85, standpipe rules.

"2. Provide 1,000 gallons per minute pump suctioning from tank or pump of at least 30,000 gallons capacity. R.85.

"5. Provide monitor nozzle for each 40,000 sq. ft."

and

WHEREAS, the premises consists of several lots having frontage of 522 ft. on Coney Island Creek, 363 ft. frontage on Cropsey avenue by 376 ft. irregular in depth, about 99,600 sq. ft. in area, upon which is erected a one-story brick building on the front of the lot, about 197 ft. by 75 ft. in area for the storage of building materials, welding and tinsmithing purposes; a one-story frame and metal covered building on the rear of the lot about 238 ft. by 147 ft. irregular in area for the repair and storage of boats; the entire premises occupied as a shipyard, 50 persons; located within an unrestricted district; and

WHEREAS, the appellant claims two orders are pending against the premises; one to obtain a certificate of occupancy the other to provide yard hydrants, dated July 8, 1930; these matters have been in dispute and the appellant fined several

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times; the delay is due to the erection of a new bridge across Coney Island Creek by the City, which caused a change of grade and serious damage to the premises in question followed by a claim against the City for \$150,000; the appellant has filed Application No. 14296 of 1934 with the commissioner of buildings for permit to install a yard hydrant system in compliance with the order, consisting of five hydrants proportionately distributed, connected by 4-inch extra heavy cast iron pipe laid 4 feet below grade, each hydrant provided with 100 feet of hose; it is proposed to provide water supply by means of two 6-inch connections with the 20-inch City water main of 45 pounds pressure; to omit pump, suction tank and monitor nozzles as there is no unusual hazard existing on the premises; furthermore, the appellant contends that direct connection with the street main assures a far better water supply than the pump and suction tank, particularly so, as the highest building on the premises does not exceed 20 feet; monitor nozzles are unnecessary as the plant is readily accessible on all sides.

Resolved, that the decision of the commissioner of buildings, Applic. No. 14296-1934, be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that there shall be installed in lieu of the yard hydrant system as specified in such decision a system of automatic sprinklers, substantially as indicated on plans marked "received March 30, 1935"; that this system shall be fed through an 8-inch feed line from the existing 20-inch City main having a pressure of 45 pounds per sq. in.; that there shall be a post indicator valve and siamese connection at or near the building line; that there shall also be a siamese connection at the building line of Canal avenue; that the feed mains shall be buried below the frost line; that dry pipe valves shall be installed at the rising points; that there shall be installed two 6-inch hydrants at points indicated, each hydrant to be equipped with 200 feet of approved fire department hose; that all parts of buildings on the entire plant shall be fully protected with sprinkler heads, spaced in accordance with the sprinkler rules of the Board of Standards and Appeals; that this system is permitted on the understanding that the existing small areas used for paint shop, flooring, welding, tinsmith, hardware storage, office and paint storage building are to be removed; that the main shed is to be divided into three areas by means of brick walls with all openings protected with fireproof self-closing doors, these walls to extend through and above the roof, as required by the commissioner of buildings; that in the event that any additional building or additional story is erected, such additional space shall be fully equipped with sprinklers; that the supervised watchman service shall be maintained at all times; that such portable fire appliances shall be installed as the administrative official shall direct at points where not fully protected by the sprinkler system.

19-35-A.

APPELLANT—Office of Henry T. Child, architects, for Kellerstein & Steger, lessees.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—127-131 Mercer street (Block No. 499, Lot No. 23), Manhattan.

APPEARANCES—

For Appellant: Sidney Schleman.

For Administration: Inspector Meyer of the fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(19-35-A)

WHEREAS, the Office of Henry T. Child, architects, for Kellerstein & Steger, lessees, filed January 17, 1935, an appeal from an order and a decision of the fire commissioner affecting premises 127-131 Mercer street (Block No. 499, Lot No. 23), Borough of Manhattan; and

WHEREAS, the order of the fire commissioner, dated June 6, 1933, Order No. 81644-LC, reads:

"1. Discontinue the storage of combustible fibre in excess of one ton, on these premises. Sec. 24-2, Ch. 12 and Sec. 24-3, Ch. 12, code of ordinances."

and

WHEREAS, the decision of the fire commissioner, dated January 16, 1935, reads:

"Replying to your favor of January 8, 1935, the records of this department show that on June 6, 1933, Order No. 81644-LC was issued against Kellerstein & Steger, 127-31 Mercer street, Manhattan, requiring them to "discontinue the storage of combustible fibre in excess of one ton," as this storage was a violation of Section 24, subdivision 2 of Chapter 12 and Section 24, subdivision 3 of Chapter 12 of the code of ordinances."

and

WHEREAS, the building is non-fireproof, 6 stories (74 ft.) in height, 50 ft. by 83 ft. in area; OCCUPIED: 1st story paper box factory, 5 persons; 2nd story, woolen clippings sorted, 5 persons; 3rd, 4th and 5th stories, vacant; 6th story, woolen clippings sorted, 5 persons; located within an unrestricted district; and

WHEREAS, the appellant claims the building was erected in 1898, no certificate of occupancy has been issued, equipped with a sprinkler system and interior fire alarm system; exits consist of an interior wooden stairway extending from 1st story to roof, enclosed in fire retarded partitions with fireproof doors at openings (the sprinkler system extends into the stairway), a labor law fire escape at front and a standard fire escape at rear extending from yard level to roof, with fireproof openings along the course of both fire escapes; the appellant proposes to store not more than 5 tons of combustible fibre on the second story of the building in connection with his business of sorting woolen clippings which has been in operation during the past three years; the board is requested to permit the existing business to continue with not more than 5 persons employed.

Resolved, that the order of the fire commissioner, No. 81644-LC, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the storage of woolen clippings on the 2nd floor, *on condition* that the total amount of such clippings shall at no time exceed 5 tons and that not more than one ton shall be loose and the other 4 tons in bags; that the baled or bagged clippings shall at no time be stacked at a height more than 2/3 the height of the story; that no permit shall be issued for such occupancy until the certificate of occupancy has been obtained from the commissioner of buildings after compliance with the requirements as listed in letter of the commissioner of buildings dated March 10, 1935; that adequate aisle space leading to both exits shall be maintained at all times; that the sprinkler system and interior fire alarm system shall be maintained in good working condition at all times, satisfactory to the administrative official; that the number of occupants of the building above the first floor shall at no time exceed 25; and that such additional auxiliary fire-fighting appliances shall be installed on this 2nd floor as the commissioner shall direct.

49-35-A.

APPELLANT—Saul Goldsmith, for Hirbro Realty Corp., owner.

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SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—59-71 to 59-83, 59th street, east side, 215 ft. south of 59th drive (Block No. 2653, Lot No. 5), Maspeth, Borough of Queens.

APPEARANCES—

For Appellant: Saul Goldsmith.

In Opposition: O. J. Reid, Eugene Muller, Mrs. M. Simon, Mrs. C. Stark and Mrs. M. Eckert.

For Administration: None.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4

Absent 0

THE RESOLUTION—

(49-35-A.)

WHEREAS, Saul Goldsmith, for Hirbro Realty Corp., owner, filed February 21, 1935, an appeal from a decision of the commissioner of buildings affecting premises 59-71 to 59-83 59th street east side, 215 ft., south of 59th drive, (Block No. 2653, Lot No. 5) Maspeth, Borough of Queens; and

WHEREAS, the decision of the commissioner of buildings, dated January 3, 1935, (App. No. 1033-34) reads:

“Amendment disapproved as contrary to Section (581c) of the building code.”

and

WHEREAS, the building is non-fireproof, 2 stories and 2nd story mezzanine (27 ft.) in height, 140 ft. by 100 ft. in area at 1st story and 140 ft. by 90 ft. in area at 2nd story, the 2nd story mezzanine is about 3,000 sq. ft.; OCCUPIED: cellar, boilerroom; 1st story, storage of gas ranges, 5 persons; 2nd story, assembling gas ranges, 40 persons; located within an unrestricted district; and

WHEREAS, the appellant claims the building was erected in December of 1934, located outside the fire limits, certificate of occupancy has not been issued; the net floor area at 1st story is 13,000 sq. ft. and the net floor area of 2nd story is 11,900 sq. ft.; the building is of steel skeleton construction, the floor beams are of wood, all interior partitions and stair enclosures are fireproof; the owner occupies the entire building for the storage and assembly of gas ranges, no inflammable material is stored in the building, only metal parts of the ranges are handled on the premises, there is practically no existing fire hazard; furthermore, the appellant proposes to install fire-fighting apparatus such as fire pails, hand extinguishers, etc., as may be required by the department having jurisdiction; and

WHEREAS, a number of adjoining and adjacent property owners appeared in objection to the appeal; and

WHEREAS, even though there was a discrepancy between the statement of the appellant that there is no water main in that street and the objectors' contention that there is an 8-in. line, the board deems that the order should be complied with and in the event there is no main in that street, then the building should be provided with fire wall in accordance with the provisions of the building code.

Resolved, that the decision of the commissioner of buildings be and it hereby is affirmed, and that the appeal be and it hereby is denied.

64-35-A.

APPELLANT—Hebrew Orphan Asylum, owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—East 225th street and Boston road (Block No. 4905), The Bronx.

APPEARANCES—

For Appellant: Samuel Strasbourger, George B. Paul.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(64-35-A.)

WHEREAS, Hebrew Orphan Asylum, owner, filed March 13, 1935, an appeal from an order and a decision of the fire commissioner affecting premises 225th street and Boston road (Block No. 4905), Borough of The Bronx; and

WHEREAS, the order of the fire commissioner, dated March 5, 1935, Order No. 3151-LC, reads:

“Section 214-a-4-f chapter 10, code of ordinances prohibits the storage or use of liquified chlorine in an enclosure used as a place of public amusement or assembly.

“(It is understood that certain days are set aside to entertain children from other sections of the city and that these children also use the swimming pool.)

“It will, therefore, be necessary for you to:

“(1) Discontinue the storage or use of liquified chlorine on these premises.”

and

WHEREAS, the premises consist of a plot of ground about 100 acres, upon which is erected a boys school, summer camp, shelter house and swimming pool about 60 ft. by 60 ft., located within a residence district; and

WHEREAS, the appellant claims the premises are used for the care of orphan and indigent children; for the benefit of the children they maintain a swimming pool located about 500 ft. distant from any other building; it is proposed to store one 100 pound cylinder of liquified chlorine in a fireproof enclosed structure at the pool and connected with a chlorinator for the purpose of keeping the water in the pool in a healthful condition; furthermore, the appellant contends that the installation and operation of the chlorinator will be done in accordance with law and pursuant to the requirements of the department of health.

Resolved, that the order of the fire commissioner No. 3151-LC be and it hereby is modified, and the appeal be and it hereby is granted, permitting the use of liquified chlorine in connection with the existing outdoor swimming pool, on condition that there shall at no time be more than one (1) 100-lb. cylinder of liquified chlorine on the premises and that this cylinder shall be submerged in a tank of water and stored within a steel or fireproof-enclosed structure near the swimming pool; that there shall be a sprinkler head of the shower-head type over the tank and connected to the water supply, this head to be controlled by a valve on the exterior of the building; that the chlorine shall be mixed with the water by means of a Wallace & Tiernan or other approved mechanical valve that this equipment shall be under the control of a person holding certificate of fitness for handling chlorine; and that during the period when swimming pool is not in operation, the chlorine shall be entirely removed from the premises.

APPLIANCES SUBMITTED FOR APPROVAL.
65-35-SA.

PETITIONER—The Viking Mfg. Co., owner; A. Young; agent.

SUBJECT—Viking Range Water Heater, Models 222, 232, 242, 210 and 215, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calendar and referred to the engineer of the board and bureau of combustibles, fire department, for test and report and such other departments as deemed advisable.

568-30-SA.

PETITIONER—Tuthill Pump Co., owner.

MINUTES

SUBJECT—Tuthill Fuel Oil Pump, Model 30-LE, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition reopened, restored to calendar and placed on reserve calendar and referred to engineer of board to obtain reports from such departments as is desirable.

THE VOTE:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

88-34-SA.

PETITIONER—L. S. Knight, agent for The Micro Corporation, owners.

SUBJECT—Bettendorf Automatic Oil Burner, Models D, F and G—approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(88-34-SA).

WHEREAS, L. S. Knight, agent for The Micro Corporation, owner, filed April 3, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Bettendorf Automatic Oil Burner, Models D, F, and G; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

These three models are of the pressure atomizing type of burner, and the difference in construction will be noted below.

Model D—The assembled burner consists of the following parts: Tuthill Pump; Wagner 1/6 H. P. motor; Sirocco type fan; Monarch regulating valve; Monarch nozzle and Webster transformer.

Model F—This model differs only from the Model D in the fact that it uses a Wagner 1/8 H. P. motor.

Model G—This burner consists of the following parts: Webster fuel unit consisting of pump, strainer and regulating valve; 1/8 H. P. Wagner motor; Sirocco type fan and Monarch nozzle.

Ignition—All three models have electric ignition and Webster transformer 110 to 10,000 volts being used. The electrodes are of nitralloy and the leads from the transformer to the electrodes are heavily insulated and protected from the jet line by means of a bakelite sleeve which fits over the jet line.

Controls—The Models D and F. Protecto-relay R-117-3. Pressuretrol 404-2. These models also come equipped with a Minneapolis Honeywell Protectostat R-125 in place of the Protecto-relay.

Model G—Minneapolis Honeywell lock switch 416-2 and Pressuretrol 404-2.

The Model D was tested with a cold combustion chamber and the oil supply shut off, the burner was operated and the controls on two successive tests shut the burner down in 91 and 93 seconds respectively. The oil supply was then turned

on and the operation of the burner under normal conditions was observed for approximately 30 minutes. During the period of tests there were no flares or puff backs due to faulty or delayed ignition. The examination of the combustion chamber showed same to be free from carbon deposits and the flame of the burner was clear and free of soot.

As a result of above inspections and tests, it is recommended that these three models of the Bettendorf Burner be approved for domestic industrial and commercial use when installed in accordance with the provisions of the oil burner rules adopted by the Board of Standards and Appeals on June 15, 1934, for fuel oil not heavier than No. 4.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as Bettendorf Automatic Oil Burner Models D, F and G, for domestic, commercial and industrial installations, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 4 and that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. NO. 88-34-SA.

36-35-SA.

PETITIONER—Edward Kennedy, owner.

SUBJECT—Kennedy Special Double Seal Joint Fitting, approval of.

APPEARANCES—

For Petitioner: Edward Kennedy.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and the plumbing division of the department of buildings.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst Chief Kidney.	4
Negative	0
Absent	0

THE RESOLUTION—

(36-35-SA)

WHEREAS, Edward Kennedy, owner, filed, February 11, 1935, an application with the Board of Standards and Appeals for approval of their device known as the Kennedy Special Double Seal Joint Fitting; and

WHEREAS, the device was submitted to the engineer of the board and the plumbing division of the department of buildings for test and report; and

WHEREAS, this device had been subjected to a test at the Testing Laboratories of Columbia University, a report of which test was filed with the board; and

WHEREAS, the report of the engineer of the board and of the plumbing division of the department of buildings was substantially as follows:

Relative to the Kennedy Special Double Seal Joint Fitting, filed for approval under Cal. No. 36-35-SA, this joint consists of a recessed casting, two beveled iron rings, a lead gasket and a jam nut. In assembling the joint a beveled iron ring is placed in the bottom of the recess in the casting. The lead gasket is then inserted and the second beveled iron ring placed on top of the lead gasket. The threaded jam nut is then inserted and can be screwed up until joint is rigid.

A report of Columbia University Testing Laboratory indicates that a load of 1,240 pounds would be required to pull pipe from fitting. This matter was referred to the plumbing division of the department of buildings of the five boroughs and reports from each borough substantially recommend the approval of the device provided a modification of the plumbing rules is granted.

It is therefore recommended that the Board of Standards and Appeals approve the Kennedy Special

MINUTES

Double Seal Joint Fitting for use in New York City, except that the lead compression gasket may be used and that the filling shall be made only of gray cast iron or malleable cast iron galvanized and for sizes between 1½ inch in diameter and 3 inches in diameter.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as the Kennedy Special Double Seal Joint Fitting in sizes between 1½-inch diameter

and 3 inches in diameter, both inclusive, when installed in compliance with the Plumbing Rules of the Board of Standards and Appeals; and that this fitting other than the lead compression gasket shall be constructed only out of cast gray iron or malleable cast iron, galvanized.

Adjourned, 4:05 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, March 19, 1935, as they appeared in Bulletin No. 13, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(60-35-S)

WHEREAS, S. A. Swenson, for The O. B. Potter Properties, Inc., owner, filed March 7, 1935, a petition for a variation from the requirements of the labor law, as cited in orders of the commissioner of buildings, affecting premises 130-132 Fifth avenue and 1 West 18th street, northwest corner (Block 820, Lot 38), Borough of Manhattan; and

WHEREAS, the orders of the commissioner of buildings, dated February 15, 1935, reads: (Order No. 19604-LD).

"An inspection of the premises 130-132 Fifth avenue, Borough of Manhattan, shows that a fire drill should be established and maintained therein according to the requirements of Section 279 of the Labor Laws. The Labor Law specifically charges the building commissioner with the duty of enforcing the provisions of the law, as to fire drills.

"This law also holds the owner of such premises responsible for the proper supervision and maintenance of fire drills. It is, therefore, your duty to organize and maintain a fire drill in the above premises in accordance with the rules and regulations of the Board of Standards and Appeals.

"A record of such drills, including the name and number of each certified drill conductor engaged in conducting each drill, the date of each drill and the number of persons taking part in each drill, shall be transmitted by you or your representative to this office semi-annually."

(Order No. 19603-LD)

"1. Install an adequate interior electric fire alarm system in accordance with the Rules of Board of Standards and Appeals, Section 279 of the Labor Law, and the enclosed approved layout.";

and

WHEREAS, the building, erected in 1903, is fireproof, 11 stories in height, 75 ft. by 130 ft. in area; OCCUPIED: cellar — bank and engineering room; 1st story — banking offices—33 persons; 2nd story—clothing stock—10 persons;

* *Correction*—Word "fire" changed to "building" in line 13 of resolution.

3rd story—overcoat stock and cutting—12 persons; 4th story—clothing cutting—20 persons; 5th story—clothing cutting and storage—5 persons; 6th story—men's clothing manufacture—15 persons; 7th story—clothing manufacture—15 persons; 8th story—men's suit stock—20 persons; 9th story—clothing pants manufacture—30 persons; 10th story—shirt manufacture—65 persons; 11th story—vacant; EQUIPPED with a sprinkler system; EXITS: two interior iron riser and slate tread stairways, extending from the 1st story to roof, enclosed in 6 inch terra cotta partitions with kalameined doors at openings; a fire escape on the rear northerly side of the building, having fireproof opening along the course thereof, extending from the 2nd story to the ground; and

WHEREAS, petitioner contends that the building is equipped with an automatic sprinkler equipment having two sources of supply, viz.: gravity tank of 20,000-gallon capacity and two pressure tanks of 5,000-gallon capacity each; that the premises are entirely protected with the exception of the space occupied for banking purposes on the first floor; the hallways on this floor are protected as are both of the stair enclosures; that the building is provided with a standpipe system supply from gravity tank, risers and hose connections in each stair enclosure and in addition fire pails are distributed throughout the building and that exit facilities are provided through two six inch terra cotta enclosed stair towers—one on the Fifth avenue side of the building and the other on the West 18th street side and in addition there is an outside fire escape in the rear of the building.

Resolved, that the Board of Standards and Appeals *does* hereby *make a variation* in the requirements of the labor law, and that the petition be and it hereby is *granted* as to Order Nos. 19603-LD and 19604-LD of the commissioner of buildings, so as not to require the installation of interior fire alarm system and so as not to require a fire drill *on condition* that the building shall comply with the requirements of the labor law throughout and shall be protected with a two-source automatic sprinkler system throughout except for the area on the street floor of approximately 8,000 sq. ft., occupied as a bank; that this area so occupied shall be cut off from the balance of the building with fireproof walls and that any space occupied by the bank other than on the street floor shall be fully protected by the sprinkler system; and that the occupancy of the building shall not exceed by more than 50% the legal permitted occupancy of the stairways as permitted under the labor law for sprinklered buildings.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MINUTES

*CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, March 26, 1935, as they appeared in the Bulletin No. 14, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(24-35-BZ).

WHEREAS, Julius Eckmann, for Henry S. Harper, owner, filed January 24, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (stores); premises: 56 West 8th street (Block No. 553, Lot No. 14), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, March 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that West 8th street is in a business district; 6th avenue is in a business district and Waverly place is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 16, 1935, re N. B. App. No. 171-1934, reads:

"1. Erection of proposed business building extending into a residence district is contrary to Sec. 3, Building Zone Resolution."

and

*Correction—Words "and 21" omitted in line 37 of resolution and "Sections" changed to "Section" in line 36.

WHEREAS, the building is to be of non-fireproof construction one story in height, with a frontage of 24 ft. 4 in. and a depth of 132.9 ft. and a distance of 36.3 ft. along the rear lot line, to be occupied as a business building (stores). The rear portion of the building extends into the residence section for a distance of approximately 13.9 ft.—the remainder of the building is in the business district. Proposes to provide a 6-ft. deep rear yard; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under sections 7(c) and 21 of the building zone resolution, and, therefore, was entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution under section 7 (c) and that the application be and it hereby is *granted*, permitting the proposed building to extend into the residential area for a distance not exceeding 14 ft., *on condition* that such extension shall not exceed 15 ft. in height and that there shall be a rear yard left open and unoccupied for the full width of the lot and not less than 6 ft. in width; that this rear yard shall be cement paved and shall be kept clear of refuse and other material at all times; that there shall be erected on the rear property line, separating this plot from adjoining plots, a tight board fence not less than 6 ft. in height; that other than as varied herein the building zone resolution shall be complied with in all respects.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
		Monroe Oil Pump	658-26-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Northern Rotary	1396-24-SA
Beach Russ Co. Rotary	1134-22-SA	Pascoe Pump Set	1029-26-SA
Blackmer Rotary	935-24-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Quiet May Gerotor Pump	267-32-SA
Century Rotary	908-21-SA	Quimby Screw Pump	1193-21-SA
Cook Electric Oil Pump	603-25-SA	Ray Rotary	588-25-SA
Davidson	590-21-SA	Rotary Pressure Pump	1060-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Vacuum Pump	513-25-SA
DeLaval IMO Oil Pump	628-32-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Double Oscillating Force Pump..	458-27-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Deming Fuel Oil Pump	298-31-SA	Tate-Jones	492-21-SA
Enterprise Oil Pump	11-28-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
Exeter Rotary	507-22-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
General Electric Oil Pump	475-32-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Hand Rotary	1133-25-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Viking	438-21-SA
Goulds Triplex Plunger	257-22-SA	Warren Oil Pump	1169-23-SA
Hardinge Fuel Oil Pump	813-25-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Kinney Rotating Plunger Pump	503-24-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Koerting Gear Pump	1264-25-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Show Model Duplex	194-22-SA
Leiman Rotary	95-24-SA		

FIRST QUARTERLY REPORT

CITY OF NEW YORK BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

MUNICIPAL BUILDING

April 9, 1935.

Hon. Fiorello H. LaGuardia,
Mayor, The City of New York,
City Hall, New York City.

DEAR SIR:

I have the honor to submit to you the First Quarterly Report of the Board of Standards and Appeals for the year 1935. This report is being submitted to you in accordance with the provisions of the Charter, Section 1544, and will also be printed in the Bulletin of the Board.

CASES FILED AND PENDING, 1935

FILED 1935	A	BZ	S	SA	SR	M'L	T'L	GR.T'L
JANUARY	11	9	3	5	0	97	125	..
Restored	0	7	0	0	0	0	7	132
FEBRUARY	10	6	0	9	0	29	54	..
Restored	0	5	0	1	0	0	6	60
MARCH	13	16	1	4	0	65	99	..
Restored	0	7	0	0	0	0	7	106
TOTAL	34	50	4	19	0	191	298	298
PENDING								
Dec. 31, 1934....	23	71	2	65	2	0	163	163
GRAND TOTAL ..	57	121	6	84	2	191	461	461
DISPOSITION								
1935								
JANUARY	7	18	1	11	0	97	134	..
FEBRUARY	10	17	3	13	0	29	72	..
MARCH	17	19	2	7	0	65	110	316
TOTAL	34	54	6	31	0	191	316	316
PENDING								
March 31, 1935.	23	67	0	53	2	0	145	145

Code: A—Appeals from Administrative Orders. BZ—Applications under Building Zone Resolution. S—Petitions for Variations of Labor Law. SA—Petitions for Approval of Appliances. SR—Petitions for Adoption of Rules. M'L—Miscellaneous Docket.

RULES FOR THE TESTING OF WOOD

Pursuant to the Provision of Section 356 of Chapter 5 of the Code of Ordinances (Building Code).

(639-27-SR)

Adopted by the Board of Standards and Appeals July 22, 1927. Amended March 16, 1928.

Rule 1. Before any wood may be used for flooring or interior trim where incombustible materials are required under the provisions of section 356 of the Building Code, the commissioner of buildings must be notified promptly upon the delivery at the job of a consignment of such material. One test sample for each 2,000 feet of material will then be selected by a representative of the Department of Buildings, marked for identification, and forwarded to the testing laboratory, where, under the supervision of the commissioner of buildings or his representative, the samples shall be subjected to the following tests:

Before making tests, all specimens for testing shall be oven dried at a temperature of 140° F. to a point where there is no further loss of weight due to evaporation of moisture content.

A. SHAVING TEST—A mass of shavings cut fairly thick from the outside and interior of sticks of the treated wood are to be tested separately. These shavings shall be placed to a depth of two inches in a metal vessel twelve inches square, the bottom of which shall consist of a wire screen of ½ inch mesh. The shavings shall be packed down moderately to reduce the air spaces. A Bunsen yellow flame shall then be placed beneath the receptacle so that the flame is in contact with the shavings. After twenty-five seconds the flame shall be removed. The flame at no time should show higher than six inches above the top of the bed of shavings and the shavings should not be consumed in less than five minutes.

FIRST QUARTERLY REPORT

SUMMARY

DOCKET.

Cases pending December 31, 1934	163
Cases filed up to March 31, 1935	87
Restored to Calendar	20

MISCELLANEOUS APPLICATIONS.

Requests to reopen	108
Requests to amend	64
Requests for modification	0
Requests to rescind	0
Requests for extension of time	11
Requests for extension of permit	3
Requests for mechanical installations	0
Requests for approval of plans	5
Administrative requests	0
Requests for interpretation	0
Total	461
Disposed of	316
Cases pending March 31, 1935.....	145

DISPOSITION OF CASES.

Withdrawn	11
Dismissed	6
Denied	29
Granted	1
Granted on condition	47
Appliances approved	29
Appliances dismissed, disapproved or withdrawn.....	2
Rules approved	0
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.

Requests to reopen granted	98
Requests to reopen denied	3
Requests to amend granted	64
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	0
Requests to rescind denied	0
Requests for extension of time granted	11
Requests for extension of time denied	0
Requests for extension of permit granted	3
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	5
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	7
Total	316

MONEYS RECEIVED

SUBSCRIPTIONS	JANUARY	FEBRUARY	MARCH	TOTAL
To Bulletin	\$87.50	\$42.50	\$60.00	\$190.00
Cash Sales	45.25	38.50	25.88	109.63
Paid to Chamberlain.....	\$132.75	\$81.00	\$85.88	\$299.63

EDWARD V. BARTON, *Chief Clerk.*

HARRIS H. MURDOCK, *Chairman.*

RULES FOR THE TESTING OF WOOD

B. TIMBER TEST. Two samples $\frac{3}{4}$ inch by $1\frac{1}{2}$ inches in cross section and twelve inches long shall be laid side by side across the top of a gas crucible furnace with a pyrometer between them. The specimens shall be subjected to a flame at 1700 deg. Fahrenheit for two minutes, the test pieces shall then be removed, and the time of duration of flame and glow observed. The sticks shall then be cut through the middle at the most burned section and the area of the unburned wood measured with a planimeter. The flame must not persist longer than 15 seconds nor the glow longer than 20 seconds, and, in the case of hard woods, the unburned area should not be less than 55 per cent., nor in the case of soft woods less than 45 per cent.

C. CRIB TEST—Twenty samples are to be prepared, each $\frac{1}{2}$ inch square and 6 inches long. These shall be built up on a ring support to form a crib work five tiers high, four sticks to a tier, making the crib six inches by six

inches, and approximately $2\frac{1}{2}$ inches high. The crib shall be set six inches above a Bunsen burner to which the crib shall be exposed for a period of one minute at a temperature approximating 1200 deg. Fahrenheit. The flame must not persist more than twenty seconds after the Bunsen burner is removed, nor the glow last more than thirty seconds. The tendency of the flame to spread from stick to stick must also be noted.

Rule 2. All of the above tests shall be at the expense of the owner or contractor, or other interested party.

If the tests are satisfactory the entire shipment will be permitted to be taken into the building and used. If not, the entire shipment shall be condemned and must be removed from the premises.

In general, acceptance shall be predicated upon the existence of a complete plant in full working order from which the material is shipped, and each shipment, or, where possible, each piece shall be trade marked in a conspicuous manner so that there may be no doubt as to its identity.

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2½:5 concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
- 443-26-SA—American Anti-Syphon Valve.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 126-33-SA—Tower Range Oil Burner.
- 162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 349-33-SA—Herco Oil Burner.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
- 125-34-SA—American Oil Burner.
- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

- 165-34-SA—Rose Oil Heater.
- 203-34-SA—King Oil Burner.
- 205-34-SA—Automatic Firetox Extinguisher.
- 208-34-SA—Globe Oil Burner Pump.
- 221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).
- 224-34-SA—Progressive Press Machine Oil Burner.
- 234-34-SA—Bland Range Oil Burner.
- 274-34-SA—B. & H. Radiant Stove Oil Burner.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 302-34-SA—Loyalty Range Burner.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 345-34-SA—Micron Oil Burner.
- 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
- 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 13-35-SA—Nairoil Oil Burner, Type R, Model E.
- 17-35-SA—Toridheet Oil Burner, Model G.
- 29-35-SA—Aetna Range Oil Burner.
- 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 54-35-SA—Putnam Range Oil Burner.
- 65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE
May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE
May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	11
Cases filed up to April 3, 1935	90	Dismissed	6
Restored to Calendar	21	Denied	33
		Granted	1
		Granted on condition	51
		Appliances approved	31
		Appliances dismissed, disapproved or withdrawn.....	2
		Rules approved	0
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	110	Requests to reopen granted	100
Requests to amend	64	Requests to reopen denied	3
Requests for modification	0	Requests to amend granted	64
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time	12	Requests for modification granted	0
Requests for extension of permit	3	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans	5	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted.....	12
Requests for interpretation	0	Requests for extension of time denied	0
Total	468	Requests for extension of permit granted	3
Disposed of	329	Requests for extension of permit denied.....	0
Cases pending April 3, 1935	139	Requests to install granted.....	0
		Requests to install denied	0
		Plans approved	5
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	7
		Total	329

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order, therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

APRIL 16, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 16

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of
the board

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Notices in Building Zone Cases.

The Trial Calendar.

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Minutes of Regular Meeting, April 9, 1935, at 2 P. M.

Approved Range Oil Burners and Space Heaters.

Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, April 15, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, April 22, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed up to April 10, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
93-35-A.....	D.B.M.....	418 East 115th street (Block 1708, Lot 41), Manhattan,
		18797-F.
92-35-A.....	D.B.M.....	349-353 Fifth avenue, 2 East 34th street, S.E. corner (Block 676, Lot 81), Manhattan,
		16758-F.
91-35-A.....	D.B.M.....	152-154 Hester street, 59-65 Elizabeth street, S.W. corner (Block 204, Lot 16), Manhattan,
		16929-F.

Restored to Calendar.

414-29-BZ....	D.B.B.....	970-978 Nostrand avenue, N.W. corner of Sullivan place (Block 1305, Lots 46, 47, 48 and 50), Brooklyn.
		Applic. 8043-29.
653-28-BZ....	D.B.R.....	Hylan boulevard and Evans street, S.E. corner (Block 3657, Lots 1 and 3), Grant City, Richmond.
		N.B. 1505-28.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

		Last Publication in Bulletin
Certificate of Occupancy, approved forms	Aug.	2, 1932—Vol. 17 No. 31
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Concrete Rules (Hydrated Lime)...	Oct.	9, 1934—Vol. 19 No. 41
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Exit Rules (Revolving Doors)....	Jan.	1, 1935—Vol. 20 No. 1
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Smoking in Factories, Rules for....	Dec.	11, 1934—Vol. 19 No. 50
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Standpipe Fireline Rules.....	Mar.	19, 1935—Vol. 20 No. 12
Structural Alterations, Reporting..	June	7, 1932—Vol. 17 No. 23
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)...	Apr.	10, 1923—Vol. 8 No. 15

LIST OF APPROVED APPLIANCES

Anti-Siphon Valves	Mar.	5, 1935—Vol. 20 No. 10
Fireline Hose Valves.....	Apr.	16, 1935—Vol. 20 No. 16
Fuel Oil Burners for Domestic and Commercial Use.....	Mar.	26, 1935—Vol. 20 No. 13
Fuel Oil Burners for Industrial Use.	Apr.	16, 1935—Vol. 20 No. 16
Fuel Oil Pumps.....	Apr.	9, 1935—Vol. 20 No. 15
Paint, Varnish and Lacquer Spraying Equipment.....	Nov.	27, 1934—Vol. 19 No. 48
Range Oil Burners and Space Heaters	Apr.	16, 1935—Vol. 20 No. 16

COURT DECISION

Matter of Tully (Murdock)—Dec. 11, 1934, board denied gas station in business district, under section 21, Cal. No. 272-34-BZ. Premises 901-907 Morris Park avenue and 1800-1804 Bronx-dale avenue, Bronx. Mr. Justice Callahan sustained board (N.Y.L.J. Apl. 3, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 15, 1935, AT 2 P. M.

Building Zone Cases.

315-34-BZ.
APPLICANT—Sidney L. Strauss, for John H. Gerken, Inc., owner.
PREMISES—63-71 Hopkins street and 460-468 Marcy avenue, northwest corner (Block No. 1719, Lot Nos. 43 to 49 inclusive), Brooklyn.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

352-34-BZ.
APPLICANT—Charles M. Arak, for Laura E. Mace, owner.
PREMISES—724-748 Mace avenue, southwest corner of Boston road (Block No. 4431, Lot No. 41), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

872-28-BZ.
APPLICANT—Eugene De Rosa, for John A. McCarthy, owner.
PREMISES—2311 Grand Concourse, northwest corner of East 183rd street (Block No. 3164, Lot No. 31), The Bronx.
APPLICATION, under section 21 of the building zone resolution, (reopened January 29, 1935),
TO PERMIT partly in a residence district and partly in a business district, the alteration and reconstruction of a portion of stores (previously granted by the board) into a motion picture theatre.

44-35-BZ.
APPLICANT—Kennedy and Ellner, for Henry A. Bonori, owner.
PREMISES—46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

APRIL 16, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning*, April 16, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 894-28-BZ—Application of Samuels and Samuels, on behalf of Gustaf Larson, owner, reopened and restored to Calendar January 22, 1935, under section 21 of the building zone resolution, to permit upon

CALENDAR

a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2702-2712 Foster avenue and 1285-1289 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

CAL. NO. 353-34-BZ—Application, December 18, 1934, under section 21 of the building zone resolution, of Benjamin Millstein, applicant, on behalf of Edmund Burke, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 5913-5923 Church avenue and 876-886 Ralph avenue, northwest corner (Block No. 4685, Lot Nos. 29 and 30), Brooklyn.

CAL. NO. 1-35-BZ—Application, January 4, 1935, under sections 7b and 21 of the building zone resolution, of Abraham S. Bursky, applicant, on behalf of Manuel Gonzales Benitez and Amalia Gonzales Benitez, owners, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use (undertaker establishment); premises 111 West 111th street (Block No. 1821, Lot No. 21½), Manhattan.

CAL. NO. 46-35-BZ—Application, February 19, 1935, under section 21 of the building zone resolution, of Sugarman and Berger, applicants, on behalf of Concourse Development, Inc., owner, to permit in a residence use and also 1¼ times height district, the erection of part of the street wall of a proposed multiple dwelling to a height exceeding the limit set by the building zone resolution; premises 1000 Grand boulevard and Concourse, northeast corner of East 164th street (Block No. 2461, Lot No. 90), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 16, 1935, 2 P. M.

Appeals from Administrative Orders

72-35-A—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

91-35-A—152-154 Hester street and 59-65 Elizabeth street, southwest corner (Block No. 204, Lot No. 16), Manhattan.

92-35-A—349-353 Fifth avenue and 2 East 34th street, southeast corner (Block No. 676, Lot No. 81), Manhattan.

Appliances Submitted for Approval

85-35-SA—Greenawalt Down Draft Combustion Oil Burning Furnace.

89-35-SA—Siphon-Proof Water Closet, Type "A".

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, April 16, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 289-34-BZ—Application, October 10, 1934, under sections 7a and 21 of the building zone resolution, of Mario J. Cafiero, applicant, on behalf of Nathaniel Potter, owner, to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises 308 Monroe street, south side, 150 feet east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

CAL. NO. 5-35-BZ—Application, January 7, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Eleto Realty Corporation, owner, to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4297-4301 Broadway (Block No. 2180, Lot No. 108), Manhattan.

CAL. NO. 296-32-BZ—Application of Levy and Berger, on behalf of Kings Bay Realty Corporation, owner, reopened January 15, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

CAL. NO. 540-27-BZ—Application of Bernard Austin, on behalf of Anhil Realty Corporation, present owner, reopened March 5, 1935, by order of the court, under section 21 of the building zone resolution, for an amendment to the resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board; premises 725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR
MONDAY, APRIL 22, 1935, AT 2 P. M.

Building Zone Cases.

53-31-BZ.

APPLICANT—Isaac T. Flatto, owner.

PREMISES—301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, part of Lot Nos. 62 and 64 and Lot 63), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened February 13, 1935).

TO PERMIT in a business district the permanent maintenance of a gasoline service station (previously granted by the board for a temporary period).

CALENDAR

50-35-BZ.

APPLICANT—August Staiano, for Francis G. Hooley and Sara Wilson, owners.

PREMISES—1264 Castleton avenue, south side, 272.09 ft. east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Richmond.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT on a plot, extending from a business district into a residence district, the erection and maintenance of a gasoline service station on the business part of the plot.

92-31-BZ.

APPLICANT—Abraham N. Horwitz, for Sarah Raskin and Yetta Raskin, owners.

PREMISES—8401-9411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened February 13, 1935),

TO PERMIT in a business district the permanent maintenance of a gasoline service station (previously granted by the board for a temporary period; denied by the board for a permanent maintenance and referred back to the board by the court).

APRIL 23, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, April 23, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

CAL. NO. 45-35-BZ—Application, February 19, 1935, under section 7a of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Helen R. McGowan and Loretta M. McGowan,

owners, to permit in a residence district the alteration and extension of an existing (frame) business building; premises 2356 University avenue, east side, 1163.63 ft. north of West 183rd street (Block No. 3212, Lot No. 57), The Bronx.

CAL. NO. 31-35-BZ—Application, February 6, 1935, under section 21 of the building zone resolution, of Albert E. Schaefer, applicant, on behalf of Whitlock Holding Corp., owner, to permit in a business district the alteration and change of occupancy of an existing building to a motor vehicle repair shop; premises 1506 Jerome avenue, east side, 55.36 ft. north of East 172nd street (Block No. 2846, Lot No. 4), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 23, 1935, 2 P. M.

Appeal from Administrative Order

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, April 23, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

CAL. NO. 337-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Solomon Gelfand, applicant, on behalf of Annie Livshitz, owner, to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops; premises 1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Brooklyn.

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corporation, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove

CALENDAR

road (Block No. 1309, Lot No. 130), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 29, 1935, AT 2 P. M.

Building Zone Cases.

56-35-BZ.

APPLICANT—Landi and Landi, for Diego Aiello, owner.
PREMISES—13-21 Truxton street, north side, 100 feet west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT on a plot of ground located in a business district the erection and maintenance of a motor vehicle repair shop and, also, the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles.

59-35-BZ.

APPLICANT—William W. Knowles, for William L. Savacool, owner.

PREMISES—135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

71-35-BZ.

APPLICANT—John Krupski, owner.

PREMISES—147-15 Brinkerhoff avenue, north side, 100 feet east Liverpool street (Block No. 2725, Lot Nos. 412 and 414), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehicle.

80-35-BZ.

APPLICANT—Kavy and Kavovitt, Inc., for Homo Homes, Inc., owner.

PREMISES—1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements.

APRIL 30, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions

of the building zone resolution, *Tuesday morning, April 30, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 182-30-BZ—Application of Marshall and Marshall, on behalf of Jennie Macdonald, owner, reopened February 19, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station (previously withdrawn); premises 8918-8932 Fourth avenue, northwest corner of 90th street (Block No. 6064B, Lot No. 65), Brooklyn.

CAL. NO. 55-35-BZ—Application, March 2, 1935, under section of 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Esther Weiss, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 5255-5265 Kings Highway and 5302 Preston court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

APRIL 30, 1935, 10 A. M.

Appeal from Administrative Order

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

MAY 7, 1935, 2 P. M.

Appeal from Administrative Order

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

MAY 14, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 14, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING,
TUESDAY MORNING, APRIL 9, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, March 26, 1935, and the minutes of the regular meeting held on Tuesday afternoon, March 26, 1935, were approved as printed in Bulletin No. 14, Vol. XX.

The minutes of the regular meeting of the board held on Tuesday morning, April 2, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, April 2, 1935, were approved as printed in Bulletin No. 15, Vol. XX.

BUILDING ZONE CASES.

340-34-BZ.

APPLICANT—Richard Morrison, for New York Central Railroad Company, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the use of a plot of ground as a parking space for more than five (5) motor vehicles.

PREMISES AFFECTED—West side of Newell street, 72 ft. 5 ins. south of Gun Hill road (Block No. 3358, part of Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Martin J. Ort, Joseph Slatter.

For Opposition: Herman Boxer.

ACTION OF BOARD—Application granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(340-34-BZ).

WHEREAS, Richard Morrison, for New York Central Railroad Company, owner, filed December 4, 1934, an application under the building zone resolution to permit in a business district the use of a plot of ground as a parking space for more than five (5) motor vehicles; premises: West side of Newell street, 72 feet 5 inches south of Gun Hill road (Block No. 3358, part of Lot No. 1), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 9, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Gun Hill road is business, unrestricted and residence; Newell street (Station place) is business and Webster avenue is business and unrestricted; and

WHEREAS, the decision of the commissioner of buildings, rendered November 23, 1934, reads:

"In answer to your letter of October 21st, requesting permission to park cars in the open space at above mentioned premises, would say that as the location is within a business district, as established by the building zone resolution, the parking of more than 5 automobiles thereat would be unlawful."

and

WHEREAS, the premises, consist of a plot of ground having a frontage of 100 feet on Newell street and a depth of 30 feet being part of a larger plot under the same ownership. It is proposed to use the plot as a parking space for more than five motor vehicles; and

WHEREAS, this application was the subject of an inspection on April 4, 1935, by a committee of the board so as to be informed as to the general conditions and a verbal report by the chairman on behalf of the committee recommended granting of this application under section 21 of the building zone resolution; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under section 21 of the building zone resolution, practical difficulty and unnecessary hardship.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution under section 21 and that the application be and it hereby is granted, permitting transient parking of more than five (5) automobiles in the rear to the south of the existing gasoline station and adjoining on Newell street also known as Station place, this area being of the following dimensions: 100 feet along Newell street with a depth of 30 feet, on condition that this plot shall at all times be under the supervision of the attendant of the adjoining gasoline station and that no sign shall be displayed except sign advertising day parking.

342-34-BZ.

APPLICANT—Albert M. Lee, for Seventy-Fourth Street Manhattan Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution to permit in a residence district the alteration and conversion of two (2) existing dwellings into a building to be occupied for business purposes (stores on first story).

PREMISES AFFECTED—231-233 West 74th street (Block No. 1166, Lot Nos. 13 and 14), Manhattan.

APPEARANCES—

For Applicant: Albert M. Lee, William H. Brown-ing and Julius Eckmann.

For Opposition: Henry Sillcocks, C. W. Lange, H. Rafalsky, Joseph Levine, Wendell W. Forbes, Harry Goodstein, E. C. Dillon and David Greenberg.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(342-34-BZ)

WHEREAS, Albert M. Lee, for Seventy-fourth St. Manhattan Corporation, owner, filed December 3, 1934, an application under the building zone resolution to permit in a residence district the alteration and conversion of two (2) existing dwellings into a building to be occupied for business purposes (stores on first story); premises: 231-233 West 74th street (Block No. 1166, Lot Nos. 13 and 14), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 9, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Broadway is business; West 74 street is residence and business and West 75 street is residence and business; and

WHEREAS, the decision of the commissioner of buildings, rendered November 13, 1934, re App. No. 2850-1934, reads:

"A2—Proposed business use is in violation of Section 3, Building Zone Resolution, as premises are located in a residence district."

and

MINUTES

WHEREAS, the premises consist of a plot of ground having a frontage of 40 ft. and a depth of 102.2 ft. Upon the front portion of the plot and set back about 10 ft. from the West 74th street building line, there are located two (2) non-fireproof, three-story buildings, each 20 ft. by 61 ft., approximately, in area, interconnected on the 2nd and 3rd stories and, also, on the 2nd story connected to the adjoining four-story building to the east. Proposes to lower the first story floor of both buildings; to extend the first story out to the building line (a distance of approximately 10 ft.); to use the 1st story as three (3) stores and to use the upper stories as dwellings; and

WHEREAS, this application was the subject of an inspection by a committee of the board on April 4, 1935, so as to be informed as to the general conditions and

WHEREAS, it is the opinion of the board that if a change should be made it is a matter to be taken up with the Board of Estimate and Apportionment on the basis of changing the use of the entire street rather than this board making a variation; and

WHEREAS, there was objection to the granting of this application on the part of neighboring property owners who were represented at this hearing in person or by attorneys; and

WHEREAS, the board deemed that the applicant had failed to substantiate the basis of his application under section 21 of the building zone resolution, practical difficulties or unnecessary hardships.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

327-34-BZ.

APPLICANT—Martin J. Ort, for Arthur Mulveny, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop.

PREMISES AFFECTED—615 Baltic street, northeast corner of Fourth avenue (Block No. 937, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Martin J. Ort, Arthur Mulveny.

For Administration: Ass't. Engineer Benjamin Saltzman, for department of buildings.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(327-34-BZ)

WHEREAS, Martin J. Ort, for Arthur Mulveny, owner, filed November 20, 1934, an application under the building zone resolution to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop; premises: 615 Baltic street, northeast corner of 4th avenue (Block No. 937, Lot No. 1), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 9, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 4th avenue is in a business district; Baltic street is in a business and unrestricted district; Warren street is in a business and unrestricted district and Butler street is in a business and unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered December 26, 1934, re Appl. No. 15295-1934, reads:

"Proposed automobile radiator repair shop in a business use district is contrary to Art II, Sec. 4a of the building zone resolution and is therefore denied.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 40 ft. on 4th avenue and 77 ft. 6 in. on Baltic street, upon which is located a three-story, non-fireproof structure; 40 ft. by 77 ft. 6 in. in area on 1st story and 40 ft. by 47 ft. in area above; the one-story extension (on Baltic street) 40 ft. by 30 ft. in area is occupied as a 5-car garage. It is proposed to continue the use and to occupy the remainder of the 1st story as an auto radiator repair shop and for the storage of radiators. The two upper stories are occupied as dwellings and said dwelling use is to be continued; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board on April 4, 1935, so as to be informed as to the conditions; and

WHEREAS, it appears that the work now performed on these premises has been carried on since 1927 and no violation reported until recently; and

WHEREAS, the board deems that the applicant is entitled to relief under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals *does* hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* permitting the ground floor and the adjoining one-story garage building to be continued as a shop for the repairing of motor vehicle radiators and gasoline tanks, *on condition* that there shall be at no time more than two cars in the garage portion under such repair; that the door in the brick wall from the garage building to the corner shop shall be protected with labelled "Underwriters Fireproof door"; that the roof over space marked "boilout room" shall be entirely removed leaving this space as an open area; that the door from the garage to this area shall be a fireproof door; that the existing openings in the brick wall between the building at 113 Fourth avenue and 111 Fourth avenue shall be protected by labelled "Underwriters Fireproof Doors"; that the stairway leading from the second floor of the corner building to Baltic street shall be enclosed in fire-retarded partitions and the ceiling below the floor of the hallway shall be fire-retarded; that the ceiling of the first floor in buildings 111 and 113 Fourth avenue shall be fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall be erected on the front of the buildings an approved fire escape to provide a second means of exit from the residential occupancies; that acetylene welding equipment may be permitted, provided operator secures and holds a proper certificate of fitness to operate same; that there shall be no gasoline stored on the premises other than in the tanks of the cars; that there shall be no general work of automobile repairing carried on other than herein permitted; that such fire extinguishers shall be installed as the administrative official shall direct; and that this occupancy may continue only so long as the building remain substantially as now constructed without extension.

20-35-BZ.

APPLICANT—Scacchetti & Siegel, for Edward G. Falter, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—711-719 Gun Hill road, north side, 100 ft. east of White Plains road (Block No. 4657, Lot No. 8), The Bronx.

APPEARANCES—

For Applicant: Michael J. Villomena, Max Siegel.

For Opposition: Isaiah O. Zucker.

MINUTES

ACTION OF BOARD—Application denied.
THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(20-35-BZ)

WHEREAS, Scacchetti and Siegel, for Edward G. Falter, owner, filed January 22, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises: 711-719 Gun Hill road, north side, 100 ft. east of White Plains road (Block No. 4657, Lot No. 8), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 9, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Gun Hill road is business; White Plains road is business and residence; Cruger avenue is residence and business and Holland avenue is residence and business; and

WHEREAS, the decision of the commissioner of buildings, rendered January 14, 1935, re N. B. App. No. 11-1935, reads:

"1. Erection of building and maintenance of premises partly in business district and partly in residence district for occupancy as gasoline station is contrary to provisions of building zone resolution.";

and
WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 110 feet on Gun Hill road and a maximum depth of 132.7 feet. The rear portion of the plot extends into the residence district for a distance of approximately 32 feet; the remainder of the plot is in the business district; proposes to erect (on the business use portion of the plot) a one-story office and "service room" structure 50 feet by 27 feet in area and also, the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the board is familiar with the site under appeal, a committee of the board having inspected same on April 4, 1935, so as to be informed as to conditions; and

WHEREAS, the board deems that the applicant failed to substantiate his basis of appeal, brought under section 21 of the building zone resolution; practical difficulties or unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

Adjourned, 12:45 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, APRIL 9, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

414-29-BZ.

APPLICANT—Philip E. Semel, for Christine C. Sartor, owner.

SUBJECT—Application for reopening—restoration to Calendar for extension of permit—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, previously granted permitting partly in a business district and partly in a residence district, the erection and maintenance of a garage for the storage of more than five (5) motor vehicles—time to complete work having expired.

PREMISES AFFECTED—970-978 Nostrand avenue, northwest corner of Sullivan place (Block No. 1305, Lot Nos. 46, 47, 48 and 50), Brooklyn.

APPEARANCES—

For Applicant: Philip E. Semel.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

653-28-BZ.

APPLICANT—Bertram G. Eadie, for Ethel Samuels, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the

erection and maintenance of nine (5) metal garages for the storage of nine (9) motor vehicles and, also, the installation of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Hylan boulevard and Evans street (Block No. 3657, Lot Nos. 1 and 3), Grant City, Richmond.

APPEARANCES—

For Applicant: John Adamson.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

229-33-BZ.

APPLICANT—Autumn Goodis, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station—so as to permit the re-arrangement of buildings and, also, the inclusion of a brake testing station.

PREMISES AFFECTED—130-09 Jerome avenue, north side, 50 feet west of 131st street (Block No. 508, Lot Nos. 25 and 27), Richmond Hill, Borough of Queens.

APPEARANCES—

For Applicant: Joseph Goodis.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

MINUTES

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(229-33-BZ)

WHEREAS, this application affecting premises 130-09 Jerome avenue, north side, 50 ft. west of 131st street (Block No. 508, Lot Nos. 25 and 27), Richmond Hill, Borough of Queens, was granted by the board October 2, 1934, amended November 13, 1934, on certain conditions, and owner requested an extension of time.

Resolved, that the resolution adopted by the board on November 13, 1934, be and it hereby is *amended*, in view of statement by owner that all permits have been obtained and the work has been partially completed, so that the time within which to complete the work be extended six months from the date of this amended resolution; and permitting the station to be occupied before the installation of cement or asphalt paving, provided the cement or asphalt paving is completed within one year from the date of this amended resolution.

212-34-BZ.

APPLICANT—Jacob Lewis Gold, for Estate of Mabel O. Parker, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1709 Neptune avenue, northwest corner of Cropsey avenue (Block No. 6994, Lot Nos. 104 and 99), Brooklyn.

APPEARANCES—

For Applicant: Jacob Lewis Gold.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(212-34-BZ)

WHEREAS, this application affecting premises 1709 Neptune avenue, northwest corner of Cropsey avenue (Block No. 6994, Lots Nos. 104 and 99), Borough of Brooklyn, was granted by the board October 30, 1934, on certain conditions and representative of present owner requested an extension of time.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution adopted October 30, 1934, to extend the time within which to obtain permits six months and the time within which to complete all work to one year from the date of this amended resolution; that other than as herein amended the resolution adopted by the board on October 30, 1934, shall be complied with in all respects.

662-30-BZ.

APPLICANT—Vincent J. Bensi, for Elvira Pizzo, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under sections 7g and 21 of the building zone resolution, permitting in a business district the

erection and maintenance of a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—37 Jackson street and 645-651 Lorimer street, west side 25 ft., north of Jackson street (Block No. 2741, Lot Nos. 31, 32 33 and 36), Brooklyn.

APPEARANCES—

For Applicant: Vincent J. Bensi.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(662-30-BZ)

WHEREAS, this application affecting premises 37 Jackson street and 645-651 Lorimer street, west side 25 feet north of Jackson street (Block No. 2741, Lot Nos. 31, 32, 33 and 36), Borough of Brooklyn, was granted by the board July 7, 1931, on certain conditions, time extended April 19, 1932, May 9, 1933, and April 10, 1934, and applicant requests a further extension of time.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution adopted July 7, 1931, in view of applicant's statement that all permits have been obtained and a certain amount of the foundation work has been completed, to extend the time within which to complete all work to one year from the date of this amended resolution and that other than as amended herein the resolution adopted by the board on July 7, 1931, shall be complied with in all respects.

340-31-BZ.

APPLICANT—Conroy and Hardy, for Edward W. Cropsey, James L. Cropsey and C. & M. Holding Co., owners.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2402-2418 Cropsey avenue, southwest corner of 24th avenue (Block No. 6927, Lot Nos. 47 and 48), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kinley 4
Negative 0
Absent 0

THE RESOLUTION—

(340-31-BZ)

WHEREAS, this application affecting premises 2402-2418 Cropsey avenue, southwest corner of 24th avenue (Block No. 6927, Lot Nos. 47 and 48), Borough of Brooklyn, was

MINUTES

granted by the board July 22, 1932, on certain conditions, time extended June 13, 1933, June 12, 1934 and applicant requests a further extension of time.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* the resolution adopted by the board on July 22, 1932, and in view of statement by applicant that permits had been obtained but were cancelled by the commissioner of buildings because work was not completed within one year from the date of issuance, to extend the time within which to obtain these permits after filing plans with the commissioner of buildings to six months and that all work shall be completed within one year from the date of this amended resolution; and *on condition* that there shall be no signs on the property advertising the plot for sale as a gasoline service station; that other than as amended herein the resolution adopted by the board on July 22, 1932, shall be complied with in all respects.

APPEALS FROM ADMINISTRATIVE ORDERS.

348-34-A.

APPELLANT—The Mantrose Corporation, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

APPEARANCES—

For Appellant: Samuel Rosenblum.

ACTION OF BOARD—Laid over to April 30, 1935, at 2 p. m., upon request of appellant's representative.

41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

APPEARANCES—

For Appellant: Samuel Rosenblum.

For Administration: None.

ACTION OF BOARD—Laid over to April 23, 1935, at 2 p. m.

72-35-A.

APPELLANT—Martin F. Doyle, for Elmer Rich and Reuben J. Rich, owners.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

APPEARANCES—

For Appellant: Martin F. Doyle.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Laid over to April 16, 1935, at 2 p. m., to obtain further information.

14-35-A.

APPELLANT—Marvel Bleach & Chemical Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

APPEARANCES—

For Appellant: Barnett J. Nova.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

70-35-A.

APPELLANT—James Kearney, for Henry G. Opdycke, for Atlantic Mutual Insurance Co., owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—35-41 Exchange place, 37-41 William street and 49-51 Wall street (Block No. 26 Lot Nos. 21 and 24), Manhattan.

APPEARANCES—

For Appellant: James Kearney.

For Administration: Inspector Maher of Dept. of Buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(70-35-A).

WHEREAS, James Kearney for Henry G. Opdycke, for Atlantic Mutual Insurance Co., owner, filed March 12, 1935, an appeal from an order and decision of the commissioner of buildings, affecting premises 35-41 Exchange place, 37-41 William street and 49-51 Wall street (Block 26, Lots 21 and 24), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, No. 17273-F, issued November 2, 1934, reads:

"1. Raise the standpipe gravity tank so that the bottom of said tank is not less than 20 ft. above the hose outlet in the highest story.

Sections 580-1, Chapter 5, code of ordinances and rules of Board of Standards and Appeals."

and,

WHEREAS, the decision rendered by the commissioner of buildings February 28, 1935, reads:

"Your application for the rescindment of order No. 17273-F has been given consideration and it is hereby denied."

and,

WHEREAS, the building is fireproof, 18 stories (242 ft.) in height, 143 ft. 6 in. by 89 ft. 1 in., irregular in depth; OCCUPIED as an office building, about 50 persons per story; located within a business district; and

WHEREAS, the appellant claims the building was erected in 1901, equipped with an approved standpipe system in accordance with the requirements of the law then in force, fed from a 600-gallon house supply gravity tank, the bottom of which is 14 ft. above the highest hose outlet; the tank is kept full by automatic pumps in the basement, having a minimum filling capacity of 150 gallons per minute at the tank, siamese connections are on two street fronts; there is a 5000-gallon suction tank in basement fed from two city mains and connected with a fire pump to boost the supply in standpipe system with a capacity of 725 gallons per minute; there are two (2) 5-gallon chemical fire extinguishers kept on each story, watchmen are kept on duty all night; furthermore, the appellant proposes to provide 3,000 gallons reserve for standpipe purposes by re-arranging the house supply pipe connections on the outside of the tank and contends that under such conditions the fire-fighting equipment is adequate.

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Resolved, that the order of the commissioner of buildings No. 17273-F be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the standpipe gravity tank to remain in its present location provided it is not less than 14 ft. above the hose outlet in the highest main story, that is, the 18th, *on condition* that the house supply piping connections shall be re-arranged and taken from the side of tank so that there will be at all times not less than 3,000 gallons of water reserved for standpipe fireline service only; that there shall be erected on the roof of 20th story and not less than 5 ft. above the roof, a new tank of not less than 2,000-gallon capacity, fed from the house supply line; that there shall be installed in the individual rooms of the 20th story sprinkler lines and sprinkler heads, spaced in accordance with the sprinkler rules, this sprinkler to be fed from the 2,000-gallon tank; that this tank may also be used for house purposes for two upper stories only provided that such house service shall be taken above the 1,500-gallon mark, so that at all times there shall not be less than 1,500 gallons for the sprinkler system; that the present standpipe outlets shall also be maintained on the 19th and 20th floors; that the filling pump with a capacity of not less than 150 gallons per minute and the fire pump with a capacity of not less than 750 gallons per minute and with not less than 30 lbs. pressure at the 20th story shall be maintained; that a watchman service shall be maintained; that there shall at all times be an engineer on duty holding a certificate of fitness to operate the standpipe system; that the standpipe system shall otherwise comply with the requirements of rule 91 of the standpipe rules; and that such auxiliary fire-fighting appliances shall be maintained throughout the building as the commissioner may direct.

75-35-A.

APPELLANT—Conroy and Hardy, for Malt Diastase Company, owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—1535 Decatur street, southwest corner of Wyckoff avenue (Block No. 2829, Lot No. 51), Ridgewood, Borough of Queens.

APPEARANCES—

For Appellant: R. S. Hardy.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(75-35-A)

WHEREAS, Conroy and Hardy, for Malt Diastase Company, owner, filed March 18, 1935, an appeal from an order and a decision of the fire commissioner affecting premises 1535 Decatur street, southwest corner of Wyckoff avenue (Block No. 2829, Lot No. 51), Ridgewood, Borough of Queens; and

WHEREAS, the order of the fire commissioner, dated March 27, 1933, Order No. 58402-LC, reads:

"Section 214a. Sub-div. 4D, Chapter 10, Code of Ordinances, New York, provides that no permit shall be issued for the use of liquified chlorine gas above the ground floor except in a building occupied exclusively by the person, firm or corporation using the liquified chlorine and protected by an *approved automatic sprinkler system* except in special cases where the use of the chlorine existed prior to the adoption of these regulations this requirement might be waived by the fire commissioner.

"You are therefore ordered to remove all chlorine

gas from the premises and to discontinue the further storage and use of chlorine gas on said premises.";

and

WHEREAS, the decision of the fire commissioner, dated March 13th, 1935, reads:

"In reply to your letter of March 7th, advising that you have been retained by the owners to appeal from the requirements of Order No. 58402-LC and that you are unable to do so due to the fact that the Board of Standards and Appeals will not accept an appeal for the reason that the time limit, twenty days, had elapsed, and request dismissal and reissuance of the above order.

"You are advised that the order cannot be dismissed or reissued. Therefore, your request is denied."

and

WHEREAS, the building is non-fireproof, 4 stories (38 feet) in height, 98 feet by 106 feet in area; OCCUPIED for the manufacture of malt and preparations of medical compounds, total of 16 persons employed, located within an unrestricted district; and

WHEREAS, the appellant claims it is necessary that the water in which the malt is steeped be treated with chlorine gas which is used solely for purification purposes, the chlorine system consists of one 150-pound liquid chlorine cylinder stored in a fireproof enclosure outside of the building, connected with 1/2 inch iron piping leading up to 4th story, through the wall and connected with three branch pipe lines, each branch leading to a water tank on the 4th story; there are two globe valves on the chlorine feed line and one globe valve on each branch line leading to a water tank; furthermore, the appellant contends that the chlorine system presents no dangerous or hazardous condition and should be permitted to continue without change.

Resolved, that the order of the fire commissioner, No. 58402-LC, be and it hereby is *modified*, permitting the use of liquified chlorine on the premises under appeal, *on condition* that there shall be at no time more than one tank of liquified chlorine with a capacity not greater than 150 pounds; that such tank shall be kept within a fireproof enclosure at the rear of the building as indicated and equipped with an approved needle valve; that after leaving the needle valve the chlorine shall be conducted through a pipe on the exterior of the building to and through the fourth floor, at which point there shall also be installed an additional needle valve of approved type and thence by means of individual pipes controlled by globe valves to each of the three water tanks indicated; that the portion of the 4th floor where the water tanks are located shall be cut off from the balance of the 4th floor by a partition and a tight-fitting door and the stairway from the third floor leading to this tank room shall be protected by a close-fitting trap door; that the chlorine cylinder shall at all times be kept completely immersed in a tank of water; that to prevent freezing this fireproof enclosure shall be heated; that there shall be provided in the door to this fireproof enclosure a louvre of approximately 6 square inches in area in the bottom of the door; that there shall be installed through the wall of the building a pipe with a sprinkler head of the shower type connected with the water supply of the building, that this sprinkler head shall be controlled by a valve on the inside of the building wall so as to prevent freezing; that there shall be at all times an operator holding a certificate of fitness who is familiar with the operation of this system.

76-35-A.

APPELLANT—Ernest M. Van Norden, for the New York Edison Company, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—37-39 Jane street (Block No. 626, Lot No. 48), Manhattan.

APPEARANCES—

For Appellant: Ernest M. Van Norden.

For Administration: Inspector Maher of department of buildings.

MINUTES

ACTION OF BOARD—Appeal granted.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(76-35-A)

WHEREAS, Ernest M. Van Norden, for The New York Edison Company, owner, filed March 19, 1935, an appeal from an order and a decision of the commissioner of buildings affecting premises 37-39 Jane street (Block No. 626, Lot No. 48) Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated January 17, 1935, Order No. 18761-F, reads:

"1. Install an approved standpipe system in accordance with the rules of the Board of Standards and Appeals, as per Sections 580-1, Article 28, Chapter 5, code of ordinances."

and

WHEREAS, the decision of the commissioner of buildings dated March 1, 1935, reads:

"In reply to your request in reference to Order 18761-F requiring a standpipe system to be installed in the above premises, you are advised that as the building exceeds 85 feet in height, measured as described in the building code, your request to rescind this requirement must be denied."

and

WHEREAS, the building is fireproof, 4 stories and basement (87 feet 6 inches) in height, 45 feet 4 inches by 81 feet 2 inches in area; OCCUPIED as an electrical sub-station; basement, ventilation equipment; 1st story, rotary converters; 2nd story, high tension switches; 3rd story, battery room; 4th story, ventilation; total of 8 persons; located within a business district; and

WHEREAS, the appellant claims the building was erected in 1923, certificate of occupancy issued November 3, 1927 by the superintendent of buildings; the area of the building is very small and the height is only 2 feet 6 inches above the height where a standpipe system is not required; fire fighting apparatus is provided as follows; basement, two 50 pound cylinders of CO₂ connected by rigid piping to nozzles at several locations, 5 Phister fire extinguishers and 8 sand pails; 1st story, 4 Phister fire extinguishers and 10 sand pails; 2nd story, 5 Phister fire extinguishers and 14 sand pails; 3rd story, 2 Phister fire extinguishers and 4 sand pails; 4th story, 2 Phister fire extinguishers and 2 sand pails; furthermore, the appellant contends that due to the use of the building as an electrical sub-station, the installation of a standpipe system would create a dangerous condition in case of fire on account of the electrical conductivity of water; and

WHEREAS, under the provisions of Section 412 of Chapter 764 of laws of 1933 the certificate of occupancy issued by a commissioner of buildings is binding on all departments unless revoked by the Board of Standards and Appeals; and

WHEREAS, the standpipe system was not required by the superintendent of buildings when building was constructed as he apparently deemed that building was substantially within the height requirements under which no standpipe system was required; and

WHEREAS, it appeared to the board that under the conditions of occupancy and use of the building no standpipe system is necessary.

Resolved, that the order of the commissioner of buildings No. 18761-F be and it hereby is *reversed* and that the appeal be and it hereby is *granted* as in compliance with the law.

630-32-A.

APPELLANT—Benjamin F. Isaacs, for Seiden Films, Inc., lessee.

SUBJECT—Application for reopening—amendment—re

Appeal from an order of the first commissioner.

PREMISES AFFECTED—33 West 60th street (Block No. 1113, Lot No. 8), Manhattan.

APPEARANCES—

For Appellant: Benjamin F. Isaacs and Joseph Seiden.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE RESOLUTION—

(630-32-A)

WHEREAS, this appeal affecting premises 33 West 60th street (Block No. 1113, Lot No. 8), Borough of Manhattan, was granted by the board March 7, 1933, on certain conditions, amended December 4, 1934, and lessee requested a further amendment.

Resolved, that the resolutions adopted by the board on March 7, 1933, and amended on December 4, 1934, be and they hereby are further *amended*, so that as amended the resolutions will read:

"*Resolved*, that the order of fire commissioner be and it hereby is *modified* and the appeal be and it hereby is granted as to Order No. 77758-LC, to permit the occupancy of the premises as indicated on the plans filed with this appeal marked 'Received December 27, 1932,' as a sound-recording studio as defined in the Code of Ordinances, *on condition* that this occupancy shall be confined to Room 511 on the fifth floor; that there shall be at no time an excess of twenty-five (25) reels, or 25,000 running feet, of inflammable film on the premises, and such film shall be stored in approved sprinklered cabinets constructed and maintained in accordance with the legal requirements therefor and that such additional fire-fighting appliances shall be installed as shall be required by the fire chief and commissioner.

"*Resolved*, further, that the order of the fire commissioner, No. 5436-LC, dated March 16, 1935, be and it hereby is *modified* to permit the continuation of the studio under appeal as indicated on plans marked 'Received December 27, 1932,' so long as it conforms to the requirements of the resolution of December 4, 1934, and so long as the sprinkler system in the building is maintained in accordance with the Sprinkler Rules of the Board of Standards and Appeals and that the two means of exits are maintained and all draperies or other inflammable material are fireproofed and only so long as the premises are not increased in area."

PETITION FOR VARIATION

393-27-S.

PETITIONER—Croker Fire Prevention Corporation, for Oceanic Investing Corp., owner.

SUBJECT—Application for reopening—extension of time—re Variation of the labor law as cited in orders of the fire commissioner.

PREMISES AFFECTED—29 East 48th street and 413 Madison avenue (Block No. 1284, Lot No. 21), Manhattan.

APPEARANCES—

For Petitioner: Sidney L. Strauss.

ACTION OF BOARD—Petition reopened and time extended.

MINUTES

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(393-27-S.)

WHEREAS, this petition affecting premises 29 E. 48th street and 413 Madison avenue (Block No. 1284, Lot No. 21), Borough of Manhattan, was granted by the Board, April 4, 1933, on certain conditions and owner through his representative requested an extension of time.

Resolved, that the Board of Standards and Appeals does hereby affirm its resolution of April 4, 1933, and ex-

tends the permit granted therein for two years from the date of this amended resolution, *on condition* that other than as amended herein the resolution adopted by the Board on April 4, 1933, shall be complied with in all respects.

APPLIANCE SUBMITTED FOR APPROVAL

58-35-SA.

PETITIONER—Walter F. Webber, for the Trumbull Electric Manufacturing Co., owner.

SUBJECT—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519, approval of.

APPEARANCES—

For Petitioner: Walter F. Webber.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board for report and to obtain reports from such departments as is desirable.

Adjourned, 4:10 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

Name of Burner	Calendar No.	Name of Burner	Calendar No.
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Water Heater Assembly.....	250-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Air-O-Flame Range Burner.....	236-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	National Range Oil Burner.....	361-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	Quaker Burnoil Stove	11-31-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Quick Meal Range Burner.....	304-34-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Florence Range Burners.....	219-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Fox Range Oil Burner.....	200-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Superfex Oil Burning Heater	491-31-SA
Kolrid Range Burner.....	48-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Midget Oil Burner.....	155-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Auto Heat Oil Burner.....	284-33-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Morse Fuel Oil Burner.....	820-23-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Jr. Oil Burner.....	1176-27-SA	National Airoil Low Pressure Burner.....	186-29-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Berggren Oil Burner.....	764-26-SA	Nichols-McCann-Harrison Burners	255-31-SA
Best Calorex Burner.....	1464-21-SA	North American Low Pressure Oil Burner....	792-26-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Oilbilt Burner	85-33-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Oronoke Oil Burner.....	394-30-SA
Bock Oil Burning Water Heater.....	102-34-SA	Packard Fuel Oil Burner.....	77-34-SA
Brighton Oil Burner.....	372-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Burnwell Mechanical Burner.....	957-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Caloril Burner, Type AA.....	1361-24-SA	Petro Model W Oil Burner.....	452-31-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Coen Mechanical Oil Burner	942-21-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Presto Automatic Oil Burner.....	294-34-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
D'Elia Oil Burner.....	155-31-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
DeWalt Oil Burner.....	541-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
Doe Oil Burner.....	317-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rockwell Fuel Oil Burner	341-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. K. Oil Burner, Model F.....	369-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Gem Fuel Oil Burner.....	111-26-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Standadyne Oil Burner.....	34-34-SA
Ghapco Steam Generator.....	348-31-SA	Steam Oil Burner.....	183-22-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun Heat Oil Burner.....	603-29-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Grant Oil Burner, Model "C".....	232-32-SA	Sunway Oil Burner.....	624-30-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Surface Combustion Low Pressure Burner....	92-23-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Rotary Oil Burner.....	297-29-SA
Hauck Venturi Low Pressure Oil Burner....	88-27-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hayward Oil Burner.....	696-30-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Burner (pump type).....	94-32-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Vapofier Oil Burner.....	184-34-SA
Korth Oil Burner, Model G.	136-34-SA	Vapomatic Oil Burner	275-34-SA
Kreager Oil Burner.....	367-30-SA	Vaporoil Burner	44-32-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Wheco Oil Burner.....	108-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Liberty Automatic Heater.....	129-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
Leintz Oil Burner.....	155-20-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Lonergan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
May Oil Burner.....	68-24-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers. Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

592-32-SA—Ameroil Oil Burner for Stoves and Ranges.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

126-33-SA—Tower Range Oil Burner.

162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

349-33-SA—Herco Oil Burner.

32-34-SA—Super Oil Burner for Pressing Machine.

92-34-SA—Autocall Interior Fire Alarm Signal Systems.

125-34-SA—American Oil Burner.

128-34-SA—Bastian-Morley Oil Burner. Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

208-34-SA—Globe Oil Burner Pump.

221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

274-34-SA—B. & H. Radiant Stove Oil Burner.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

302-34-SA—Loyalty Range Burner.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

345-34-SA—Micron Oil Burner.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

13-35-SA—Nairoil Oil Burner, Type R, Model E.

17-35-SA—Toridheet Oil Burner, Model G.

29-35-SA—Aetna Range Oil Burner.

30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

54-35-SA—Putnam Range Oil Burner.

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	12
		Dismissed	6
		Denied	35
Cases filed up to April 10, 1935	93	Granted	2
		Granted on condition	55
Restored to Calendar	23	Appliances approved	31
		Appliances dismissed, disapproved or withdrawn.....	2
		Rules approved	0
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	118	Requests to reopen granted	108
Requests to amend	65	Requests to reopen denied	3
Requests for modification	0	Requests to amend granted	65
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time	17	Requests for modification granted	0
Requests for extension of permit	3	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans	5	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	17
Requests for interpretation	0	Requests for extension of time denied	0
Total	487	Requests for extension of permit granted	3
		Requests for extension of permit denied.....	0
Disposed of	351	Requests to install granted.....	0
		Requests to install denied	0
Cases pending April 10, 1935	136	Plans approved	5
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	7
		Total	351

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First. That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second. That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third. That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth. That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth. That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order; therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth. That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

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Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year APRIL 23, 1935 Single Copies, 5 cents By mail, 8 cents No. 17

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELLIGOTT

EDWARD V. BARTON, Chief Clerk

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, April 22, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, April 29, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CONTENTS

This issue of the Bulletin contains, in the order given—

- Docket.
- Call of Clerk's Calendar.
- Notices in Building Zone Cases.
- The Trial Calendar.
- Minutes of Regular Meeting, April 16, 1935, at 10 A. M.
- Minutes of Regular Meeting, April 16, 1935, at 2 P. M.
- Corrections.
- Proposed Revision of Rules of Procedure.
- Approved Fuel Oil Pumps.
- Progress Report.

CALENDAR

DOCKET.

New Cases Filed up to April 17, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
102-35-SA.....	F.D.....	Range-O-Matic Oil Pump, Pressure and Suction Model and Model 50,
		Appliance.
101-35-BZ.....	D.B.M.....	659 West 179th street (Block 2163, Lot 43), Manhattan,
		Viol. 116-34.
100-35-A.....	D.B.Q.....	Borden avenue, southwest corner Dutch Kills Creek (Block 68, Lot 1), Long Island City, Queens,
		N. B. 1036-35.
99-35-SA.....	F.D.....	Kleen Heat Oil Burner, Type 902,
		Appliance.
98-35-SA.....	F.D.....	Heat King Oil Burner, Model 2,
		Appliance.
97-35-SA.....	F.D.....	Roper Rotary Pumps for Fuel Oil,
		Appliance.
96-35-BZ.....	D.B.Bx....	1304 Castle Hill avenue, 2175 Westchester avenue (Block 3935, Lot 1), The Bronx,
		N. B. 64-35.
95-35-BZ.....	D.B.B.....	423 Barbey street (Block 4013, Lot 3), Brooklyn,
		Applic. 2302-35.
94-35-BZ.....	D.B.M.....	168 East 68th street (Block 1402, Lot 41), Manhattan.
		Decision.

Restored to Calendar.

376-29-BZ.....	D.B.Q.....	North side of Linden boulevard, 50 ft. east of 196th street (Block 1960, Lot 63), Springfield, Queens,
		N. B. 2634-32.
330-29-BZ.....	D.B.Q.....	Southwest corner of Kissena road and Vleigh road (Block 2395, Lot 1), Flushing, Queens,
		N. B. 2802-32.
13-33-BZ.....	D.B.B.....	1552 - 1560 Stillwell avenue, southwest corner Kings Highway, (Block 6352, Lot 29), Brooklyn,
		Applic. 13425-32.
51-34-A.....	D.B.Bx....	980 Prospect avenue, northeast corner of E. 164th street (Block 2960, Lot 123), The Bronx,
		Alt. 40-34.
157-30-BZ.....	D.B.B.....	1601 Avenue U, northeast corner of E. 16th street (Block 7321, Lot 48), Brooklyn,
		Applic. 14461-31.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

		<i>Last Publication in Bulletin</i>
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Concrete Flat Slabs, Rules.....	Dec.	4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime)...	Oct.	9, 1934—Vol. 19 No. 41
Elevator Rules	July	3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors)....	Jan.	1, 1935—Vol. 20 No. 1
Factory Exit Rules	Dec.	11, 1934—Vol. 19 No. 50
Fire Alarm Rules (Interior).....	Nov.	20, 1934—Vol. 19 No. 47
Fire Drill Rules	May	30, 1933—Vol. 18 No. 22
Fire Retarding Rules for Garages, etc.	Apr.	9, 1935—Vol. 20 No. 15
Fireproof Wood, Testing of.....	Apr.	9, 1935—Vol. 20 No. 15
Frame Garages, Ruling for.....	Jan.	21, 1919—Vol. 4 No. 3
Gas Shut-Off Rules	Apr.	7, 1925—Vol. 10 No. 14
Hatchway Protection	June	5, 1928—Vol. 13 No. 23
Oil Burner Rules	Apr.	2, 1935—Vol. 20 No. 14
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Procedure, Rules of.....	June	20, 1933—Vol. 18 No. 25
Refrigerating Systems, Extract C.O. Nov.	Nov.	20, 1934—Vol. 19 No. 47
Smoking in Factories, Rules for....	Dec.	11, 1934—Vol. 19 No. 50
Sprinkler Rules	Mar.	5, 1935—Vol. 20 No. 10
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Structural Alterations, Reporting..	June	7, 1932—Vol. 17 No. 23
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LIST OF APPROVED APPLIANCES

Anti-Siphon Valves	Mar.	5, 1935—Vol. 20 No. 10
Fireline Hose Valves.....	Apr.	16, 1935—Vol. 20, No. 16
Fuel Oil Burners for Domestic and Commercial Use.....	Mar.	26, 1935—Vol. 20 No. 13
Fuel Oil Burners for Industrial Use.	Apr.	16, 1935—Vol. 20, No. 16
Fuel Oil Pumps.....	Apr.	23, 1935—Vol. 20, No. 17
Paint, Varnish and Lacquer Spraying Equipment.....	Nov.	27, 1934—Vol. 19 No. 48
Range Oil Burners and Space Heaters	Apr.	16, 1935—Vol. 20, No. 16

CALL OF CLERK'S CALENDAR MONDAY, APRIL 22, 1935, AT 2 P. M.

Building Zone Cases.

53-31-BZ.	APPLICANT—Isaac T. Flatto, owner.
	PREMISES—301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, part of Lot Nos. 62 and 64 and Lot 63), The Bronx.
	APPLICATION, under section 21 of the building zone resolution (reopened February 13, 1935).
	TO PERMIT in a business district the permanent maintenance of a gasoline service station (previously granted by the board for a temporary period).
50-35-BZ.	APPLICANT—August Staiano, for Francis G. Hooley and Sara Wilson, owners.
	PREMISES—1264 Castleton avenue, south side, 272.09 ft. east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Richmond.
	APPLICATION, under section 21 of the building zone resolution,
	TO PERMIT on a plot, extending from a business district into a residence district, the erection and maintenance of a gasoline service station on the business part of the plot.
92-31-BZ.	APPLICANT—Abraham N. Horwitz, for Sarah Raskin and Yetta Raskin, owners.
	PREMISES—8401-8411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.
	APPLICATION, under section 21 of the building zone resolution (reopened February 13, 1935),
	TO PERMIT in a business district the permanent maintenance of a gasoline service station (previously granted by the board for a temporary period; denied by the board for a permanent maintenance and referred back to the board by the court).

CALENDAR

APRIL 23, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, April 23, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

CAL. NO. 45-35-BZ—Application, February 19, 1935, under section 7a of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Helen R. McGowan and Loretta M. McGowan, owners, to permit in a residence district the alteration and extension of an existing (frame) business building; premises 2356 University avenue, east side, 1163.63 ft. north of West 183rd street (Block No. 3212, Lot No. 57), The Bronx.

CAL. NO. 31-35-BZ—Application, February 6, 1935, under section 21 of the building zone resolution, of Albert E. Schaefer, applicant, on behalf of Whitlock Holding Corp., owner, to permit in a business district the alteration and change of occupancy of an existing building to a motor vehicle repair shop; premises 1506 Jerome avenue, east side, 55.36 ft. north of East 172nd street (Block No. 2846, Lot No. 4), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 23, 1935, 2 P. M.

Appeals from Administrative Orders.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

87-35-A—35-37 36th street (Block No. 640, Lot No. 4), Astoria, Borough of Queens.

91-35-A—152-154 Hester street and 59-65 Elizabeth street, southwest corner (Block No. 204, Lot No. 16), Manhattan.

92-35-A—349-353 Fifth avenue and 2 East 34th street, southeast corner (Block No. 676, Lot No. 81), Manhattan.

93-35-A—418 East 115th street (Block No. 1708, Lot No. 41), Manhattan.

100-35-A—Southwest corner of Borden avenue, Dutch Kills Creek (Block No. 68, Lot No. 1), Long Island City, Borough of Queens.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, April 23, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

CAL. NO. 337-34-BZ—Application, November 28, 1934, under section 21 of the building zone resolution, of Solomon Gelfand, applicant, on behalf of Annie Livshitz, owner, to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops; premises 1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Brooklyn.

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corporation, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

CAL. NO. 540-27-BZ—Application of Bernard Austin, on behalf of Anhil Realty Corporation, present owner, reopened March 5, 1935, by order of the court, under section 21 of the building zone resolution, for an amendment to the resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board;

CALENDAR

premises 725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, APRIL 29, 1935, AT 2 P. M. *Building Zone Cases.*

56-35-BZ.

APPLICANT—Landi and Landi, for Diego Aiello, owner.
PREMISES—13-21 Truxton street, north side, 100 feet west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT on a plot of ground located in a business district the erection and maintenance of a motor vehicle repair shop and, also, the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles.

59-35-BZ.

APPLICANT—William W. Knowles, for William L. Savacool, owner.

PREMISES—135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

71-35-BZ.

APPLICANT—John Krupski, owner.

PREMISES—147-15 Brinkerhoff avenue, north side, 100 feet east Liverpool street (Block No. 2725, Lot Nos. 412 and 414), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehicle.

80-35-BZ.

APPLICANT—Kavy and Kavovitt, Inc., for Homo Homes, Inc., owner.

PREMISES—1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements.

APRIL 30, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, April 30, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 182-30-BZ—Application of Marshall and Marshall,

on behalf of Jennie Macdonald, owner, reopened February 19, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station (previously withdrawn); premises 8918-8932 Fourth avenue, northwest corner of 90th street (Block No. 6064B, Lot No. 65), Brooklyn.

CAL. NO. 55-35-BZ—Application, March 2, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Esther Weiss, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 5255-5265 Kings Highway and 5302 Preston court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

CAL. NO. 315-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Sidney L. Strauss, applicant, on behalf of John H. Gerken, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 63-71 Hopkins street and 460-468 Marcy avenue, northwest corner (Block No. 1719, Lot Nos. 43 to 49, inclusive), Brooklyn.

CAL. NO. 352-34-BZ—Application, December 18, 1934, under section 21 of the building zone resolution, of Charles M. Arak, applicant, on behalf of Laura E. Mace, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 724-748 Mace avenue, southwest corner of Boston road (Block No. 4431, Lot No. 41), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 30, 1935, 2 P. M.

Appeal from Administrative Order

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, April 30, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 894-28-BZ—Application of Samuels and Samuels, on behalf of Gustaf Larson, owner, reopened and restored to Calendar January 22, 1935, under section 21 of the building zone resolution, to permit upon a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2702-2712 Foster avenue and 1285-1289 Rogers avenue, south-

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east corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, MAY 6, 1935, AT 2 P. M.

Building Zone Cases.

26-35-BZ.

APPLICANT—John J. Dunnigan, for Hugh Cooney, owner.
PREMISES—4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner ((Block No. 3369, Lot Nos. 1 and 40), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

77-35-BZ.

APPLICANT—Philip Bardes, for Barilio Giovannini, owner.

PREMISES—16 Morton street, south side, 49 ft. 5¾ in. east of 7th avenue (Block No. 586, Lot No. 55), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in an unrestricted district the alteration and change of occupancy of part of an existing building to a motor vehicle repair shop and, also, garage for more than five (5) motor vehicles.

340-23-BZ.

APPLICANT—Clarence F. Kaltenbach, owner.

PREMISES—888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened November 20, 1934),

TO PERMIT in a business district the alteration and conversion of a portion of a garage (previously granted by the board) so as to extend an existing gasoline service station erected prior to 1925.

MAY 7, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 7, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 872-28-BZ—Application of Eugene De Rosa, on behalf of John A. McCarthy, owner, reopened January 29, 1935, under section 21 of the building zone resolution, to permit partly in a residence district and partly in a business district the alteration and reconstruction of a portion of stores (previously granted by the board) into a motion picture theatre; premises 2311 Grand Concourse, northwest corner of East 183rd street (Block No. 3164, Lot No. 31), The Bronx.

CAL. NO. 44-35-BZ—Application, February 18, 1935, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Henry A. Bonori, owner,

to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

MAY 7, 1935, 2 P. M.

Appeals from Administrative Orders.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 7, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 330-29-BZ—Application of Lama and Proskauer, on behalf of Frederick Prisco, owner, reopened April 16, 1935, for consideration as to extension of permit—re Application, granted on certain conditions, under section 7f of the building zone resolution, permitting partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises southwest corner of Kissena road and Vleigh road (Block No. 2395, Lot No. 1), Flushing, Borough of Queens.

CAL. NO. 157-30-BZ—Application of William H. Healy, on behalf of George Schrank, owner, reopened April 16, 1935, for consideration as to amendment of resolution—re Application, granted on certain conditions, under sections 7b and 21 of the building zone resolution, permitting partly in a residence district and partly in a business district the alteration and change of occupancy of part of the first story of an existing building from a two-car garage (accessory use) to a store; premises 1601 Avenue U, northeast corner of East 16th street (Block No. 7321, Lot No. 48), Brooklyn.

CAL. NO. 13-33-BZ—Application of Lama and Proskauer, on behalf of Still-Kings Realty Corporation, owner, reopened April 16, 1935, for consideration as to amendment of resolution—re Application, granted on certain conditions, under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 1552-1560 Stillwell avenue, southwest corner of Kings Highway (Block No. 6253, Lot No. 29), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALENDAR

MAY 14, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, May 14, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.
HARRIS H. MURDOCK, *Chairman*.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, APRIL 16, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, April 9, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, April 9, 1935, were approved as printed in Bulletin No. 16, Vol. XX.

BUILDING ZONE CASES.

894-28-BZ.

APPLICANT—Samuels and Samuels for Gustaf Larson, owner.

SUBJECT—Application reopened and restored to Calendar January 22, 1935; re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution to permit upon a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn).

PREMISES AFFECTED—2702-2712 Foster avenue and 1285-1289 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

APPEARANCES—

For Applicant: Archie H. Samuels.

For Administration: Benjamin Saltzman, assistant engineer, department of buildings.

For Opposition: Herbert L. Barnet, William J. Krassner.

ACTION OF BOARD—Laid over to April 30, 1935, at 2 p. m., for report of committee on inspection. No further argument.

353-34-BZ.

APPLICANT—Benjamin Millstein, for Edmund Burke, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—5913-5923 Church avenue and 876-886 Ralph avenue, northwest corner (Block No. 4685, Lot Nos. 29 and 30), Brooklyn.

APPEARANCES—

For Applicant—Benjamin Millstein, Harvey Fischer, H. Gretschi, M. Moskowitz, William R. Ross.

For Opposition: Abraham Levingson, Hillard Pollock, Jacob M. Anfrecht, Aaron Goldberg, Percy F. Griffin.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Absent 0

THE RESOLUTION—

(353-34-BZ)

WHEREAS, Benjamin Millstein, for Edmund Burke, owner, filed December 18, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 5913-5923 Church avenue and 876-886 Ralph avenue, northwest corner (Block No. 4685, Lot Nos. 29 and 30), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Church avenue is in a business district; Ralph avenue is in a business district; Remsen avenue is in a business district, and East 59th street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered December 14, 1934, re App. No. 15213-1934, reads:

"Proposed gasoline service station to be located in a business use district is contrary to Art. II, Sect. 4a of Zone Resolution.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on Church avenue and 100 one-story structure 20 ft. by 60 ft. in area to be used as office, auto laundry and grease pits and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the board being familiar with the site under appeal as well as the surrounding neighborhood, having made inspections in connection with other applications in that vicinity, deemed that applicant was not entitled to relief under section 21 on the ground of practical difficulty and unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is affirmed, and that the application be and it hereby is denied.

1-35-BZ.

APPLICANT—Abraham S. Bursky, for Manuel Gonzales Benitez and Amalia Gonzales Benitez, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7b and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use (undertakers establishment).

PREMISES AFFECTED—111 West 111th street (Block No. 1821, Lot No. 21½), Borough of Manhattan.

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APPEARANCES—

For Applicant: Abraham S. Bursky, M. Gonzales Benitez.

For Opposition: None.

ACTION OF BOARD—Application granted on condition. THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(1-35-BZ)

WHEREAS, Abraham S. Bursky, for Manuel Gonzales Benitez and Amalia Gonzales Benitez, owners, filed January 4, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use (undertaking establishment); premises: 111 West 111th street (Block No. 1821, Lot No. 21½), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that St. Nicholas avenue is in a business district; West 111th street is in a residence and business district, and West 112th street is in a residence and business building; and

WHEREAS, the decision of the commissioner of buildings, rendered December 28, 1934, reads:

"Answering your letter of December 18, 1934, regarding the issuance of a certificate of occupancy for the above premises, you are advised that rear portion of the building is located in a business district while the front portion is in a residence zone where business is not permitted. Therefore a certificate of occupancy for business on the entire ground floor cannot be issued."; and

WHEREAS, the building is of non-fireproof construction 5 stories (42 ft.) in height, with a frontage of 15 feet and a depth of approximately 57 feet, occupied as a school on the first story and dwelling above, it is proposed to occupy the building as a funeral chapel, the application having been amended at the hearing from an undertaker's establishment to a funeral chapel on the ground floor, school on the second floor and dwelling above; and

WHEREAS, it appears that the use district boundary line subdivides this building so that the rear and main portion is in the business district and the front portion in a residence use district; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 7(b) of the building zone resolution, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted, under section 7-B, permitting the alteration to the first story, as indicated on plans filed with this application, and the occupancy of such story as a funeral chapel, not to include, however, such use as an undertaking establishment on condition that the building shall remain under this ownership and occupied as proposed, the three upper floors as private dwelling of the owner or his immediate family and the floor above the street as watchmaking school under the control of this owner or member of his family, as covered by temporary certificate of occupancy No. 11628-1926; that the building shall not be extended in height or area and that signs shall be restricted to a neat sign on the proposed central plate glass window.

46-35-BZ.

APPLICANT—Sugarman & Berger, for Concourse Development, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence use and also 1¼ times height district the erection of part of the street wall of a proposed multiple dwelling to a height exceeding the limit set by the building zone resolution.

PREMISES AFFECTED—1000 Grand boulevard and Concourse, northeast corner of East 164th street (Block No. 2461, Lot No. 90), The Bronx.

APPEARANCES—

For Applicant: William J. Minogue.

For Opposition: Emanuel Goldberg, Edward G. Baumert.

ACTION OF BOARD—Application granted on condition. THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(46-35-BZ)

WHEREAS, Sugarman and Berger, for Concourse Development, Inc., owner, filed February 19, 1935, an application under the building zone resolution to permit in a residence use and also 1¼ times height district, the erection of part of the street wall of a proposed multiple dwelling to a height exceeding the limit set by the building zone resolution; premises: 1000 Grand boulevard and Concourse, northeast corner of East 164th street (Block No. 2461, Lot No. 90), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use and height district maps accompanying the building zone resolution show that Grand boulevard and Concourse is in a residence and 1¼ times height district; East 164th street is in a residence and 1¼ times height district and Sheridan avenue is in a residence and 1¼ times height district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 15, 1935, re N. B. Application No. 3-1935, read:

"3. Height of portion of building on East 164th street in excess of 150 ft. from corner of Grand boulevard and Concourse as shown is unlawful. Sec. 26, Subdiv. 1, Multiple Dwelling Law and Sec. 8, Subdiv. E of Building Zone Resolution."; and

WHEREAS, the proposed building is to be of fireproof construction ten (10) stories, 100 ft. in height, with a frontage of 105 ft. 8 in. on Grand Concourse and 184 ft. 4 in. on E. 164th street, to be occupied as a Class A multiple dwelling; and

WHEREAS, the proposed Class A multiple dwelling is to be erected on the building line facing both the Grand Concourse which is 172 ft. wide and E. 164th street which is 60 ft. wide. The limiting height under the building zone resolution, due to the width of the concourse in this 1¼ times height district is 125 ft. which height limit may extend for a distance of 150 ft. on 164th street; it is proposed to erect the street wall to a height of 100 ft. on the concourse and for a distance of 62 ft. 6 in. easterly along 164th street, the remainder of the street wall on 164th street, to be of an average of 90 ft. in height, a portion of this frontage is set back to form a court. To erect this wall as proposed will require a variation of the building zone resolution in so far as it affects a portion of the easterly end of this wall with a frontage of 34 ft. 4 in. and affecting only the 8th

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and 9th floors, the set back required on the 8th floor being 3 ft. and on the 9th floor 6 ft.; and

WHEREAS, applicant contends that if advantage were taken of the dormer privilege of the building zone resolution the actual area affected by the variation would be approximately 48 sq. ft. on the 8th floor and approximately 57 sq. ft. on the 9th floor; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution,—hardship, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* under section 21 in the application of the height district regulations of the building zone resolution and that the application be and it hereby is *granted on condition* that the Multiple Dwelling Law and the Building Zone Resolution shall be complied with in all respects other than as varied herein.

Adjourned, 1:15 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, APRIL 16, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

540-27-BZ.

APPLICANT—Bernard Austin, for Anhil Realty Corporation, owner.

SUBJECT—Application reopened March 15, 1935, for consideration of amendment, by Order of the Court—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board.

PREMISES AFFECTED—725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

APPEARANCES—

For Applicant: Salvatore Bosco.

For Opposition: None.

ACTION OF BOARD—Laid over to April 23, 1935, at 2 p. m., upon request of applicant's representative.

376-29-BZ.

APPLICANT—Henry Mollenhauer, Jr., present owner.

SUBJECT—Application for reopening—restoration to calendar—re Application (under section 7f of the building zone resolution) to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—North side Linden boulevard 50 ft. east of 196th street (Block No. 1960, Lot 63), Springfield, Queens.

APPEARANCES—

For Applicant: Henry Mollenhauer, Jr.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

330-29-BZ.

APPLICANT—Lama and Proskauer, for Frederick Prisco, owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the superintendent of buildings) under section 7f of the building zone resolution, permitting, partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southwest corner of Kissena road and Vleigh road (Block No. 2395, Lot No. 1), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Alfred A. Lama.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing May 7, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

13-33-BZ.

APPLICANT—Lama and Proskauer, for Still-Kings Realty Corp., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1552-1560 Stillwell avenue, southwest corner of Kings Highway (Block No. 6253, Lot No. 29), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing May 7, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant

Chief Kidney 4

Negative 0

Absent 0

157-30-BZ.

APPLICANT—William H. Healy, for George Schrank, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings), under sections 7b and 21 of the building zone resolution, permitting, partly in a residence district and partly in a business district, the alteration and change of occupancy of part of the first story of an existing building from a two-car garage (accessory use) to a store.

PREMISES AFFECTED—1601 Avenue U, northeast corner of East 16th street (Block No. 7321, Lot No. 48), Brooklyn.

APPEARANCES—

For Applicant: William H. Healy.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing May 7, 1935, at 2 p. m.

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THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

424-32-BZ.

APPLICANT—Herbert E. Rosenberg, for Esther N. Ohriner, owner.

SUBJECT—Application reopened and restored to calendar January 29, 1935, having been previously withdrawn—re Application (decision of commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a motor vehicle repair shop.

PREMISES AFFECTED—238 Throop avenue, west side, 80 ft. north of Myrtle avenue (Block No. 1748, Lot No. 40), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(424-32-BZ)

WHEREAS, this application affecting premises 238 Throop avenue, west side, 80 ft. north of Myrtle avenue (Block No. 1748, Lot No. 40), Borough of Brooklyn, was reopened by the board January 29, 1935; and

WHEREAS, the applicant failed to complete his papers though duly notified to do so.

Resolved, that the application be and it hereby is dismissed for lack of prosecution.

289-34-BZ.

APPLICANT—Mario J. Cafiero, for Nathaniel Potter, owner.

SUBJECT—Application (re: decision of the commissioner of buildings), under sections 7a and 21 of the building zone resolution, to permit in a residence district the extension in area of an existing garage and automobile repair shop.

PREMISES AFFECTED—308 Monroe street, south side, 150 ft. east of Marcy avenue (Block No. 1819, Lot No. 14), Brooklyn.

APPEARANCES—

For Applicant: Edward Olderman.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(289-34-BZ)

WHEREAS, Mario J. Cafiero, for Nathaniel Potter, owner, filed October 10, 1934, an application under the building zone resolution to permit in a residence district the extension in area of an existing garage and automobile repair shop; premises: 308 Monroe street, south side, 150 ft. east of Marcy avenue (Block No. 1819, Lot No. 14), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meet-

ing, April 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Monroe street is in a residence and business district; that Marcy avenue is in a business district; and that Madison street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered November 22, 1934, re: App. No. 11368-1934, reads:

"Permission to extend present garage for more than five cars and auto repair shop in rear of lot, by proposing to roof over present brick fence wall is a case for the Board of Standards and Appeals, as it exceeds more than 50 per cent cost and is located in a residential district—Art. 2, Sec. 6 of building zone resolution.

"Supplementing previous denial sheets.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 25 ft. and a depth of 100 ft.; on the rear portion of the plot there is located a one-story, non-fireproof structure, 25 ft. by 39 ft. in area; applicant contends that this building is used as a garage for more than five motor vehicles and also a motor vehicle repair shop. On the northwest corner of the plot there is located a one-story metal structure about 10 ft. by 24 ft. in area; applicant contends that this building is occupied as a garage for two cars, space rented. Applicant has erected a roof over the front portion of the plot (upon side walls which were erected under permits for fence walls) and proposes to occupy the entire premises as a garage for more than five motor vehicles and also, a motor vehicle repair shop; and

WHEREAS, the premises in question were the subject of an inspection and report by a committee of the board, which report was read at this hearing, and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal. No. 289-34-BZ.

Premises: 308 Monroe street, south side, 150 ft. east of Marcy avenue (Block 1819, Lot 14), Brooklyn.

This is an application under sections 7a and 21 for a zoning variance to permit the construction of an addition, already completed but without official sanction of the commissioner of buildings, to an existing building formerly a private stable prior to 1916 and permitted by the superintendent of buildings thereafter under section 6 to be occupied as a garage for more than five cars. At that time the building was two stories in height but the second story was later removed. This occupancy of the existing building as a garage for more than five cars cannot be questioned. The owner was entitled to such use as a matter of right. The erection of an additional garage on the front of the lot prior to 1916 was also legally permitted to continue. These two buildings were covered by certificates of occupancy issued in 1920, No. 304, for the rear building, for six cars and No. 305 for the front building for two cars.

Any further extension of the garage use was beyond the power of the superintendent of buildings under section 6 and he was quite correct, after having approved the construction of the side brick walls as fences, to place a violation, when, without approval, roof beams and roof construction were placed on these high fence walls to create a building enclosure. The court has passed on this and the owner found guilty. This appeal is for the purpose of legalizing that construction and to permit the entire lot with the extended one-story building thereon to be occupied as a public garage and motor vehicle repair shop. The fire department in 1921 accepted affidavits that the rear building was used for motor vehicle repairing prior to 1916 and has issued permits for such use in addition to the garage use each year since, until 1934.

Apparently, however, the building commissioner has refused to recognize the legality of the repair shop per-

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mitted by the fire department and the court has found the owner guilty of occupying the premises as a repair shop. The power rested with the fire commissioner to determine whether the repairing was being carried on prior to 1916. He so determined and while the affidavits accepted do not appear sufficiently conclusive, it is difficult to question them after an interval of 14 years. However, permission to carry on repairing could apply only to the rear building and not to the completely altered building as now exists. Extension of repair work beyond the confines of the old building is not permissible except by a variance granted by this board.

On March 7th, 1935, a committee of the board attempted to inspect the building, but it was locked up, but on April 4th, inspection was made. The roof is completed and the former front garage building of metal still stands within the structure. There appeared to be very little use made of the building and the only evidence of repairing was a bench with hand tools and an anvil.

The committee recommends that a permit be granted for a period of two years under section 7a to permit the building as extended to be used as a garage for more than five cars. It is the opinion of the committee that the building and the uses to which it has been put are entirely out of place in this residential district. The committee also recommends that for the same period minor repairing be permitted by the use of hand tools only with no anvil, forge or power-driven machinery and that such protection should be required as to ceiling window and skylights as will reduce the fire menace to the adjoining owners, but that such motor vehicle repairing be limited to that portion of the building as formerly so occupied.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the granting of the application under section 7-A of the Building Zone Resolution for a period of two years from the date of this action; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under section 7-A so that the board is justified in granting a temporary variation.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 7-A of the building zone resolution for a period of two years from the date of this action, permitting the building under appeal to be used for that period as a garage for more than five cars and as a motor vehicle repair shop, *on condition* that the motor vehicle repairing shall be restricted to the rear portion of the building and shall consist only of such repairs as can be carried on with the use of hand tools, excluding the use of anvils, forges and motor-driven machinery and excluding heavy repairs; that under each skylight there shall be installed a metal mesh screen; that the ceiling throughout shall be covered with metal not less than 26-gauge in thickness; that the rear windows shall be made fireproof, self-closing, and that the existing building shall not be extended in height.

5-35-BZ.

APPLICANT—Scacchetti & Siegel, for Eleto Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—4297-4301 Broadway (Block No. 2180, Lot No. 108) Borough of Manhattan.

APPEARANCES—

For Applicant: Max Siegel, Michael J. Willamina.

For Opposition: J. Bellport, R. G. Sweeney.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT:

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(5-35-BZ)

WHEREAS, Scacchetti & Siegel for Eleto Realty Corporation, owner, filed January 7, 1935, an application under the building zone resolution to permit on a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises: 4297-4301 Broadway (Block No. 2180, Lot No. 108), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Broadway is business; Bennett avenue is residence and West 184th street is residence and business; and

WHEREAS, the decision of the commissioner of buildings, rendered January 2, 1935, re App. No. F. P. 671-34, reads:

"Installation of a gasoline service station on a plot in a business district extending in a residence district in a business portion of which plot are located multiple garages, is contrary to section 4 of the B. Z. R.;"

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 81.7 ft. and a maximum depth of 144.5 ft.; the rear portion of the plot extends into a residence district for a distance of approximately 44 ft. and the remainder of the plot is in the business district. Upon the plot there are twenty-seven (27) one-car metal garages—the plans indicate that nine (9) of these garages are located in the residence district; proposes to remove seven (7) of the garages at the front of the plot and to erect upon the plot a one-story service or grease room structure 32 ft. by 27 ft. in area; a one-story office 17 ft. by 18 ft. in area and also the necessary tanks and pumps for a gasoline service station; proposes to span the space between the service room structure and office by means of a masonry arch; and

WHEREAS, the premises in question was the subject of an inspection by a committee of the board, report of which read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 5-35-BZ.

Premises: 4297-4301 Broadway (Block 2180, Lot 108), Borough of Manhattan.

This site under appeal is located on the westerly side of Broadway, approximately 486 ft. north of West 181st street. West 182nd and West 183rd streets are not carried through across Broadway. The plot has a frontage of 81 ft. and an average depth of approximately 137 ft., the first hundred feet of which is zoned for business use and the rear portion for residence use. Located on the plot at present are 27 metal garages permitted by the superintendent of buildings in 1927, prior to the zoning amendment, limiting such garage buildings in business areas. It is not clear that such permit covered the residential portion in which public garages are not permitted. It is now desired to obtain a further zoning variation under section 21 and by removing 7 of these individual garages to construct on the front of the plot a one-story building and to maintain a gasoline service

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station. To the south is a gasoline station and similar garages erected prior to the zoning amendment of 1925. To the north is an apartment house and apartment houses adjoin the premises in the rear facing Bennett avenue. Owners of these buildings as well as the theatre at the corner of West 181st street and other owners of residential buildings adjacent oppose this application, pointing out that there are already six gasoline stations in the neighborhood as well as garages where gasoline is sold; that this additional station would further depreciate the area and interfere with rentals in adjoining buildings and prevent conforming development.

It appears that this owner purchased these premises at foreclosure sale in 1932 and claims that hardship exists because the present use is not profitable and that the plot is not adaptable to a conforming development for stores or an apartment house because of the adjoining gasoline station to the south. It was stated at the hearing that the present garages, if kept in repair, would all be rented as there is a demand for such accommodations. If fully rented it would appear that the property would carry itself at least without loss, in fact, it appears from a financial statement furnished that even with an average of 10 garages vacant for the year ending October 1, 1934, that the return on the remaining 17 paid carrying charges and general minor repairs, excluding a capital item of \$475 for replacing a condemned retaining wall. The property is now free and clear and, in the opinion of the committee which inspected the site and area, an apartment can be constructed on this site. The apartment building at the north has been maintained for some years and those more recently erected in the rear are evidence that the section is not so depreciated or badly located as to preclude further building of a similar character. The new Eighth Avenue subway has so improved transportation facilities as to make this plot readily available for such a building.

In the opinion of the committee there has been no hardship shown. A non-conforming use exists and while an additional non-conforming use as a gas station might be more profitable, the committee finds no justification for granting it to the detriment of the surrounding owners.

Denial is recommended.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of the application, and the board deemed that applicant had failed to substantiate the basis of his application brought under section 21 of the building zone resolution, practical difficulties or unnecessary hardships.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

296-32-BZ.

APPLICANT—Levy & Berger, for Kings Bay Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (reopened January 15, 1935).

PREMISES AFFECTED—115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Brooklyn.

APPEARANCES—

For Applicant: Mac Schwegel.

For Opposition: Philip P. Schor.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(296-32-BZ)

WHEREAS, this application affecting premises 115-123 Kings Highway and 1626-1640 Stillwell avenue, northwest corner (Block No. 6253, Lot No. 21), Borough of Brooklyn, was originally filed May 25, 1932, withdrawn June 28, 1932, reopened December 16, 1932, dismissed March 28, 1933; and

WHEREAS, Levy and Berger, for the Kings Bay Realty Corporation, requested a reopening of the case to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; and

WHEREAS, this application was reopened by vote of the board January 15, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Kings Highway is business and residence; Stillwell avenue is business and residence; Avenue P is residence and Bay Parkway is residence; and

WHEREAS, the decision of the commissioner of buildings, rendered December 12, 1934, re App. No. 16706-1934, reads:

"1. Change of use of premises partly within a business and partly within a residential district from auto greasing station for five cars to gasoline service station is contrary to building zone resolution, Chapter 6.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 136 ft. 6 in. on Stillwell avenue, 108 ft. 4 in. on Kings Highway and a distance of 100 ft. along the north lot line. A small irregular area at the northeast corner of the plot is in the residence district. The remainder of the plot is in a business district. There are located on the plot five open greasing pits and the plot is now used as a greasing station. Proposes to erect on the plot a one-story structure 20 ft. by 35 ft. in area to be used as auto laundry, grease lift and accessory store and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises in question was the subject of an inspection by a committee of the board, report of which, was read at this hearing, and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal. No. 296-32-BZ.

Northwest corner Kings Highway and Stillwell avenue (Block No. 6253, Lot No. 21), Brooklyn.

Under this application a zoning variance is desired under section 21, to permit this corner, 100 ft. by 136 ft., to be used as a gasoline service station. If granted, there would be a gasoline station at each of the four corners. Another one exists adjoining this plot under appeal on Kings Highway and a fifth just outside the area on Kings Highway.

This present application was restored to the calendar having been previously withdrawn, later dismissed for lack of prosecution and again restored. Meanwhile, the superintendent of buildings permitted this corner to be used for greasing pits provided a railing was constructed so that it would not technically be operated in conjunction with the existing station to the west. Two greasing pits were erected and are still maintained but the railing was not erected.

The station on the southeast corner has been there for many years. That on the northeast corner was

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denied by this board in two actions but granted by the court. The station on the southwest corner was granted by the board, but in certiorari proceedings brought by the objectors, the Appellate Division sustained the board but directed entry of an order modifying the permit along the lines of the St. Albans-Springfield case. Since that grant under Cal. No. 13-33-BZ, the Court of Appeals has further interpreted the St. Albans-Springfield case in *Peo. ex rel. Arseekay Syndicate, Inc. vs. Murdock*, in effect that the St. Albans decision did not apply to developed sections. The St. Albans area was referred to in the St. Albans decision as farm land and the court said that the zoning of farm land differs from the zoning of a city.

In the most recent decision of the Court of Appeals in the *Young Women's Hebrew Association* case, the court stated in effect that there must be equity of privilege; that in similar situations all persons must be treated alike. The situation here and at 110th street appear to be quite similar, but in endeavoring to apply the law as the Court of Appeals has expressed it, the board was overruled. Following the expressed opinion of a noted author of many zoning laws, a zoning board will generally permit a gasoline station on a third corner if stations exist on other corners. At 110th street the only other corners possible were so occupied and here there are three corners so occupied and in addition one adjoining on an interior plot. So apparently this application must be considered on other grounds. It appears from the financial statements of those stations that they are operating at a bookkeeping loss after including salary items to the owner or lessees. These stations are in objection claiming hardship will be caused them if this application is granted.

It appears that the plot under appeal has only recently been acquired and that for some time it has been in the minds of the past and present owners to establish a gasoline station. There appears to have been no effort made to erect a real conforming use. Attention has been called to stores opposite which are only partly rented.

The committee of the board has inspected this area on several occasions and has noted the general development of the area particularly toward the north along Avenue P and the construction of the park. In this area zoned for residence use along Avenue P and Stillwell avenue, the properties are well adapted to conforming development. It has noticed also that the owners of private residences on Stillwell avenue are in objection to the application as they also were when the board denied the gas station adjoining them. It would seem that their objections are well founded. Another gas station where so many now exist will unquestionably injure them and tend to prevent the development of the adjoining property now vacant. When such property in the residential area is developed, the adjacent business property should be in demand for store purposes. It is the opinion of the committee that this corner under appeal should be so developed and that indications of building activity in the section point to such as soon to be possible. If this variance is granted temporarily it will prevent such development taking place. There certainly can be no need for additional gasoline stations. Affected owners are justified in objecting.

It is the opinion of the committee that substantial justice and public welfare can best be served by denying this application particularly as there has been in its opinion no real basis of hardship shown or proven to justify granting the variance.

(Signed) HARRIS H. MURDOCK, Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report, recommended the denial of the application, and the board deemed that applicant had failed

to substantiate the basis of his application brought under section 21 of the building zone resolution, practical difficulties or unnecessary hardships.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

807-28-BZ.

APPLICANT—George Rubinfeld, for Walter J. Connell, executor of the estate of James H. Connell, owner.

SUBJECT—Application for reopening—extension of time—re application (decision of the superintendent of buildings) under sections 7e, 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a garage for the storage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—80-84 Madison avenue, northeast corner of Union street (Block No. 848, Lot No. 1), Flushing, Borough of Queens.

APPEARANCES—

For Applicant—George Rubinfeld.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(807-28-BZ)

WHEREAS, this application affecting premises 80-84 Madison avenue, northeast corner of Union street (Block No. 848, Lot No. 1), Flushing, Borough of Queens, was granted by the board April 2, 1929, on certain conditions, time to obtain permit and complete work extended from time to time and applicant requests a further extension.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of April 26, 1932, only so far as it affects the last clause of the resolution, relating to the completion of the work; that in view of statement made by representative of the applicant that permits have been obtained and are still in force, that all work shall be completed within one year from the date of this amended resolution; that other than as herein amended the resolution adopted by the board on April 26, 1932, shall be compiled with in all respects.

31-33-BZ.

APPLICANT—John J. M. O'Shea, for Denis P. Healy, owner.

SUBJECT—Application referred back to the Board by order of the court—reopening and extension of time—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—610-622 Utica avenue, northwest corner of Winthrop street (Block No. 4603, Lot Nos. 40 and 43), Brooklyn.

APPEARANCES—

For Applicant—John J. M. O'Shea.

ACTION OF BOARD—Application reopened and time extended to obtain permits.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4

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Negative 0
Absent 0
THE VOTE TO EXTEND TIME—
Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION— (31-33-BZ)

WHEREAS, this application affecting premises 610-622 Utica avenue, northwest corner of Winthrop street (Block No. 4603, Lot Nos. 40 and 43), Borough of Brooklyn, was granted by the board June 9, 1933, on certain conditions, time extended September 19, 1933, and request to reopen for further extension of time denied September 18, 1934; and

WHEREAS, an order of the court dated March 14, 1935, was served on the board.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of June 9, 1933, in accordance with the order of the court dated March 14, 1935, only so far as it affects the obtaining of permits and the completion of the work; that all permits shall be obtained and all work completed within three months from the date of such court order, on condition that other than as amended herein, the resolution adopted by the board on June 9, 1933, shall be complied with in all respects.

597-32-BZ.

APPLICANT—Joseph M. Lonergan, for John Wischerth, owner.

SUBJECT—Application for reopening—extension of time—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—33-41 Stone avenue, southeast corner of McDougal street (Block No. 1535, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant—Joseph M. Lonergan.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(597-32-BZ)

WHEREAS, the application affecting premises 33-41 Stone avenue, southeast corner of McDougal street (Block No. 1535, Lot No. 1), Borough of Brooklyn, was granted by the board April 10, 1934, on certain conditions and applicant requests an extension of time to obtain permit and complete the work.

Resolved, that the resolution adopted by the board on April 10, 1934, be and it hereby is amended, only so far as it refers to obtaining of permits and completion of work, so that as amended this portion of the resolution will read:

“that all permits shall be obtained within six (6) months and all work completed within one (1) year from the date of this amended resolution, on condition that other than as amended herein the resolution of the board adopted April 10, 1934, shall be complied with in all respects.”

APPEALS FROM ADMINISTRATIVE ORDERS 90-35-A.

APPELLANT—Ashley T. Cole, for National Carbon Company, Inc., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: Albert J. Snook.

For Opposition: J. L. Murphy, S. G. Arnone, Jacob Streiner, et al.

For Administration: None.

ACTION OF BOARD—Laid over to May 7, 1935, at 2 p. m., for submission of briefs.

91-35-A.

APPELLANT—Oscar Lowinson, for Children's Aid Society, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—152-154 Hester street and 59-65 Elizabeth street, southwest corner (Block No. 204, Lot No. 16), Manhattan.

APPEARANCES—

For Appellant: Oscar Lowinson, George Thiel.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Laid over to April 23, 1935, at 2 p. m., for inspection by a committee of the board.

92-35-A.

APPELLANT—Julius Eckman, for Estate of John W. Chanler, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—349-353 Fifth avenue and 2 East 34th street, southeast corner (Block No. 676, Lot No. 81), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Laid over to April 23, 1935, at 2 p. m., upon written request of appellant.

223-19-A.

APPELLANT—Edward M. Wharff, for Friendly Fuel Service, Inc., lessee.

SUBJECT—Request for reopening—amendment—re Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Southeast corner of Bond and First streets (Block No. 458, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: Edward M. Wharff.

ACTION OF BOARD—Request to reopen withdrawn.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

51-34-A.

APPELLANT—Henry Nordheim, for Colway Corporation, owner.

SUBJECT—Application for reopening—restoration to the calendar, having been previously withdrawn—re Appeal from a decision of the commissioner of buildings.

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PREMISES AFFECTED—980 Prospect avenue, northeast corner of East 164th street (Block No. 2690, Lot No. 123), The Bronx.

APPEARANCES—

For Appellant: Henry Nordheim.

ACTION OF BOARD—Appeal reopened, restored to calendar and set for hearing May 7, 1935, at 2 p. m.

THE VOTE TO RESTORE TO CALENDAR—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

72-35-A.

APPELLANT—Martin F. Doyle, for Elmer Rich and Reuben J. Rich, owners.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

APPEARANCES—

For Appellant—Edward Pringle.

For Administration—Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal withdrawn after argument.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

The following memorandum was read at the hearing:

MEMORANDUM.

Re: Cal. No. 72-35-A.

Premises: 181 West End avenue, 301-309 West 68th street, 302 West 69th street, Manhattan.

April 15, 1935.

This is an appeal from the decision of the commissioner of buildings requiring the trusses and roof sheathing to be fire retarded in accordance with the rules of the Board of Standards and Appeals. The plot comprises a lot 25 ft. x 100 ft. on the corner of West End avenue and West 68th street, in the business area, on which is to be erected a two-story office building and four lots totaling 100 ft. x 100 ft. on West 68th street in the unrestricted district on which is to be erected a storage garage and repair shop, two stories in height, of fireproof construction except for wood roof supported by wood trusses spanning the entire width of 100 ft. There is also a lot 25 ft. by 100 ft. to the rear also in the unrestricted district which is to remain vacant and used as an exit from the two garage floors. The office section is separated from the garage section by brick walls with no openings to connect the conforming use from the unrestricted use but the commissioner has permitted the garage occupancy to extend into the basement of the office section in the business area so as to provide an area accessory to the garage approximately 25 ft. by 25 feet designated as "waiting room and toilets for garage use." There is no legal justification for such extension of non-conforming use into the business area.

Under section 580 a standpipe system was required for this building by the building department examiner, but this requirement was waived upon the substitution of a sprinkler system. There is no legal justification permitting the commissioner of buildings to permit this substitution.

This application is to be relieved of fire retarding the ceiling and trusses inasmuch as a sprinkler system is to be installed.

Under section 72-L of the building code a building for this use must be fireproof but can be constructed non-fireproof if it exceeds 7,500 sq. ft. provided a sprinkler system is installed, complying with the rules of the Board of Standards and Appeals. The latitude given the commissioner of buildings to permit larger areas of non-fireproof construction provided the building is not over two stories in height "considering location and purpose" does not waive the sprinkler requirement. The principle in permitting this greater freedom in non-fireproof construction has been since first introduced in codes that extended non-fireproof use should be accompanied by sprinkler protection and of non-hazardous occupancy. Nor can this garage section be considered as fronting on two streets because of the vacant lot to the north under the same ownership or control and not to be built upon but to be left open for exits.

The following factors should be considered: (1) That the law requires the building to be sprinklered; (2) that a standpipe system is legally required; (3) that the type of roof is a great menace in the event of fire, particularly inasmuch as the commissioner has also modified the code requirements by permitting the steel to be bolted by Dardelet bolts instead of riveted. The letter filed from the New York Fire Insurance Exchange suggests the omission of the fire retarding provided a complete automatic sprinkler system is installed. The system proposed is not complete in that it is fed from the street line only through one 6-in. line. Even though the street line may be deemed as fed two ways, i. e., from the 12-in. main in West End avenue and through the connecting 6-in. line from Amsterdam avenue.

Inquiring by telephone with the writer of the letter, it was stated that he intended by "complete automatic sprinkler equipment," that every portion of the building should be sprinklered and that the 6-in. line would be considered sufficient for the exchange's rating purposes without a tank. Also, that with the sprinkler system, they considered the fire retarding as unnecessary. As to the two-way supply, it was also stated that the 12-in. main in West End avenue would be considered as fed both ways if it was not a dead end line and would obtain water supply from both the southerly and northerly directions irrespective of whether the 6-in. lines through 68th and 69th streets were connected therewith or not.

APPLIANCES SUBMITTED FOR APPROVAL

85-35-SA.

PETITIONER—John E. Greenawalt, owner.

SUBJECT—Greenawalt Down Draft Combustion Oil Burning Furnace, approval of.

APPEARANCES—

For Petitioner: John E. Greenawalt.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board for test and report and to obtain such information from other departments as may be deemed necessary.

89-35-SA.

PETITIONER—Carl Henzel, agent for The John Douglas Company, owner.

SUBJECT—Siphon-Proof Water Closet, Type "A", approval of.

APPEARANCES—

For Petitioner: Carl Henzel, John Steinmuller.

ACTION OF BOARD—Petition placed on reserve calendar, referred to the engineer of the board for test and report and to obtain such information from other departments as may be deemed necessary.

274-34-SA.

PETITIONER—The Bradley & Hubbard Mfg. Co., owner.

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SUBJECT—B. & H. Radiant Stove Oil Burner, approval of.
APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition withdrawn on written request.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

208-34-SA.

PETITIONER—Globe Burner Corporation, owner.

SUBJECT—Globe Oil Burner Pump, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(208-34-SA)

WHEREAS, Joseph Rezak, for the Globe Burner Corporation, owner, filed July 18, 1934, an application for approval of their device known as the Globe Oil Burner Pump; and

WHEREAS, no arrangements were made by the applicant for a test of this pump, though due notice was given by the fire department and engineer of the board.

Resolved, that the application be and it hereby is *dismissed* for lack of prosecution.

345-34-SA.

PETITIONER—M. J. Marron, owner.

SUBJECT—Micron Oil Burner, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(345-34-SA)

WHEREAS, M. J. Marron, owner, filed December 7, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Micron Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the low pressure air atomizing nozzle type and consists of the following parts and controls: The burner itself consists of a special bronze casting equipped with three threaded ports. The top port is connected with the oil supply line. The two side ports are connected one to a Breach Russ Company Air Compressor; and the other to a small rectangular box from which hot air is supplied. The nozzle casting is bolted into a special cast iron throat. This throat is inside of a cylindrical nozzle.

The controls used on this burner are a Detroit Lubricator Oil Valve for regulating the supply of oil for the burner. A Type 620 Safetrol manufactured by the Pennsylvania Electric Company; and a Protector Relay R-117-3 made by the Minneapolis Honeywell Company.

Ignition—the ignition of this burner is a combination electric and gas pilot. The gas is ignited by means of an electrode, and the pilot is equipped with the following controls: A gas valve Model No. 77 manufactured by the Automatic Products Company and a Webster Transformer for the purpose of furnishing the spark necessary to ignite the gas.

The burner was operated with the oil supply shut off and the controls shut down the burner in 75 seconds. Examination of the combustion chamber showed no undue carbon deposits, and during the period of the test, there were no flarebacks and the flame burned clean and free of soot.

As a result of this examination and test it is recommended that the Micron Oil Burner be approved for domestic, commercial and industrial use when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals, and with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as Micron Oil Burner, for domestic, commercial and industrial installations, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 3 and that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. NO. 345-34-SA.

Adjourned, 4:45 p. m.

EDWARD V. BARTON, Chief Clerk.

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, April 9, 1935, as they appeared in the Bulletin No. 16, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(70-35-A).

WHEREAS, James Kearney for Henry G. Opdycke, for Atlantic Mutual Insurance Co., owner, filed March 12, 1935, an appeal from an order and decision of the commissioner of buildings, affecting premises 35-41 Exchange place, 37-41 William street and 49-51 Wall street (Block 26, Lots 21 and 24), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, No. 17273-F, issued November 2, 1934, reads:

"1. Raise the standpipe gravity tank so that the bottom of said tank is not less than 20 ft. above the hose outlet in the highest story.

Sections 580-1, Chapter 5, code of ordinances and rules of Board of Standards and Appeals."

and,

WHEREAS, the decision rendered by the commissioner of buildings February 28, 1935, reads:

"Your application for the rescindment of order No. 17273-F has been given consideration and it is hereby denied."

and,

WHEREAS, the building is fireproof, 18 stories (242 ft.) in height, 143 ft. 6 in. by 89 ft. 1 in., irregular in depth; OCCUPIED as an office building, about 50 persons per story; located within a business district; and

WHEREAS, the appellant claims the building was erected in 1901, equipped with an approved standpipe system in accordance with the requirements of the law then in force, fed from a 6,000-gallon house supply gravity tank, the bottom of which is 14 ft. above the highest hose outlet; the tank is kept full by automatic pumps in the basement, having a minimum filling capacity of 150 gallons per minute at the tank, siamese connections are on two street fronts; there is

*Correction—"600" changed to "6,000" in line 28 of resolution.

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, March 19, 1935, as they appeared in Bulletin No. 13, Vol. XX, are hereby corrected to read as follows:

404-31-BZ.

APPLICANT—Ferdinand Savignano, for Aljon Realty Company, Inc., present owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Brooklyn.

APPEARANCES—

For Applicant: Arnold Lederer.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

*Correction—Words "within the building line" omitted in line 9 of resolution and name "John Cirpriano" changed to "Aljon Realty Company, Inc." in line 1 of digest.

a 5000-gallon suction tank in basement fed from two city mains and connected with a fire pump to boost the supply in standpipe system with a capacity of 725 gallons per minute; there are two (2) 5-gallon chemical fire extinguishers kept on each story, watchmen are kept on duty all night; furthermore, the appellant proposes to provide 3,000 gallons reserve for standpipe purposes by re-arranging the house supply pipe connections on the outside of the tank and contends that under such conditions the fire-fighting equipment is adequate.

Resolved, that the order of the commissioner of buildings No. 17273-F be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the standpipe gravity tank to remain in its present location provided it is not less than 14 ft. above the hose outlet in the highest main story, that is, the 18th, *on condition* that the house supply piping connections shall be re-arranged and taken from the side of tank so that there will be at all times not less than 3,000 gallons of water reserved for standpipe fireline service only; that there shall be erected on the roof of 20th story and not less than 5 ft. above the roof, a new tank of not less than 2,000-gallon capacity, fed from the house supply line; that there shall be installed in the individual rooms of the 20th story sprinkler lines and sprinkler heads, spaced in accordance with the sprinkler rules, this sprinkler to be fed from the 2,000-gallon tank; that this tank may also be used for house purposes for two upper stories only provided that such house service shall be taken above the 1,500-gallon mark, so that at all times there shall not be less than 1,500 gallons for the sprinkler system; that the present standpipe outlets shall also be maintained on the 19th and 20th floors; that the filling pump with a capacity of not less than 150 gallons per minute and the fire pump with a capacity of not less than 750 gallons per minute and with not less than 30 lbs. pressure at the 20th story shall be maintained; that a watchman service shall be maintained; that there shall at all times be an engineer on duty holding a certificate of fitness to operate the standpipe system; that the standpipe system shall otherwise comply with the requirements of rule 91 of the standpipe rules; and that such auxiliary fire-fighting appliances shall be maintained throughout the building as the commissioner may direct.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE RESOLUTION—

(404-31-BZ)

WHEREAS, this application affecting premises 6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Borough of Brooklyn, was granted by the board, July 19, 1932, on certain conditions and applicant requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution adopted July 19, 1932, by adding the following paragraph:

"That there may be also erected two illuminated signs, the supports for which shall be within the building line, located where indicated on plans filed February 18, 1935, one toward the northerly property line along Fort Hamilton parkway and one on 65th street, *on condition* that these signs shall advertise only the brand of gasoline sold; that the curbs required to be erected on the building line, as heretofore described may be omitted pending the widening of the roadway of Fort Hamilton parkway, this period, however, not to exceed two years from the date of this amended resolution; *on further condition* that all roof signs shall be eliminated and all signs eliminated other than those herein permitted; and that the resolution adopted by the board on July 19, 1932, other than as herein amended, shall be complied with in all respects.

RULES

PROPOSED REVISION OF THE RULES OF PROCEDURE OF THE BOARD OF STANDARDS AND APPEALS

(89-27-SR)

ARTICLE I—PUBLIC HEARING.

1. Regular sessions designated as public hearings of the Board of Standards and Appeals shall be held on Tuesday of each week at 10 A. M. and 2 P. M., and such additional sessions on days to be set by the board as may be deemed necessary to facilitate the work of the board.

2. Sessions shall be devoted to hearings on applications for variations of the Building Zone Resolution; appeals from administrative orders; applications for variation of the Labor Law; approval of appliances and materials and consideration of Rules, as such sessions are published in the Bulletin of the Board of Standards and Appeals.

3. Special sessions may be called by the Chairman, or at the request of three members, provided that notice of the same has been mailed to each member at least twenty-four hours before the time set, except that the announcement of a special session at any session at which a quorum is present shall be sufficient notice.

4. All hearing sessions shall be open to the public.

5. A quorum of the Board of Standards and Appeals shall consist of three members.

6. The members of the Board shall attend sessions in person, except that during absence or disability a substitute may act, as provided by law under section 718 of the Charter as amended by Local Law No. 13 of 1925. The names of such substitutes, designated by the Mayor, shall have been previously filed with the Chairman.

ARTICLE II—CASES BEFORE THE BOARD.

1. Every application under the Building Zone Resolution, every appeal under section 719 of the Charter and every application under section 718a, subdivision 4, of the Charter, shall be made to the Board on the forms provided, and shall include the data required in such forms so as to supply all information necessary for a clear understanding by the Board and its staff. The statements of essential information made by the applicant and the determination of the Board in each case will be incorporated in a resolution formally adopted and published in the Bulletin of the Board. Officials, who are charged with the enforcement of the laws, ordinances and rules relating to buildings in the City of New York will be bound by such resolutions, and, before granting permit or taking any other affirmative action, should see that there are no misstatements as to facts and that the conditions of the resolution are observed. Any administrative official discovering any misstatement of essential information is requested to notify the Board, in order that it may take such action as the circumstances require. All approvals shall remain valid only as long as the information and the conditions on which the resolution was based are maintained.

2. Any communication purporting to be an application or appeal shall be regarded as a mere notice of intention to seek relief and shall be of no force or effect until it is made in the form required except as provided in Art. VI.

3. Upon receipt of any such communication, the writer shall be supplied with the proper forms for presenting his application or appeal and he shall be required to file the proper form and furnish all necessary data within thirty days of the date of the order or decision appealed from except as provided in Art. VI.

4. The duplicate of each application or appeal required by this article shall be forwarded to the administrative official whose order or determination is appealed from.

5. At the public hearing of a case before the Board, the applicant shall first present the argument in support of the case and those in objection shall follow. To maintain orderly procedure, each side shall proceed without interruption by the other.

6. Every person before the rostrum shall abide by the order and direction of the Chairman. Discourteous or disorderly conduct shall be regarded as a breach of his privileges and shall be dealt with as the Chairman deems proper. Orders to maintain discipline shall be carried out by the Sergeant-at-Arms.

Subject to the direction of the Chairman, the Chief Clerk shall enforce the rules of the Board and shall direct and supervise the Sergeant-at-Arms in maintaining order and decorum in the hearing room and lobbies during all public hearings.

7. No member shall proceed to question or discuss an issue, put a motion or offer a resolution until he shall have addressed the Chairman and shall have been recognized by him. While the Chairman is putting a motion or offering a resolution, or during the progress of a roll call, no member shall interrupt or leave his seat. When a motion to adjourn is carried, the members of the Board shall keep their seats until the Chairman declares the meeting adjourned.

ARTICLE III—THE CALENDAR.

1. Each case filed in the proper form, with the required data, shall be numbered serially. These Calendar numbers shall begin anew on January 1st of each year, and shall be hyphenated with the number of the year and the initials indicating the character of the case.

2. As soon as a case receives a calendar number, it shall be placed on the Docket. Thereafter the applicant shall be notified of the date his case will be set for public hearing. In building zone applications the applicant shall be notified of the date when his case will be reached in the call of the Clerk's Calendar.

3. The Clerk's Calendar Call shall be called each Monday at 2 P. M. in Room 1013, Municipal Building, Manhattan, by the Chairman or by a member of the staff detailed to such duty by the Chairman, and a date for the public hearing of each application for variation of the Building Zone Resolution shall then be set, which shall be full and sufficient notice to all persons interested in such case.

4. Thereafter each case shall be listed, by Calendar number and premises, in the Hearing Calendar printed in the Bulletin of the Board, under the title of the respective proceedings, and the date for which such case has been set.

ARTICLE IV—DISPOSITION OF CASES.

1. The final determination of any application or appeal before the Board shall be in the form of a resolution either reversing, varying or modifying the order, requirement, decision or determination appealed from and granting the application or appeal or affirming the order and denying the application or appeal or dismissing the application or appeal for lack of jurisdiction or prosecution. The concurring vote of three members shall be necessary to a decision. If a resolution fail to receive three votes in favor of the applicant, the action will be deemed equivalent to a denial and a resolution denying such application or appeal shall be formally entered on the record unless there be a member absent at the roll call and the vote of the absentee added to the number of votes for the applicant would equal three, in which case the matter will be laid over for consideration and final determination.

2. Any applicant may withdraw his application or appeal at any time prior to action thereon, with the consent of the Board, but if a motion has been made, and is pending, either to grant or to dismiss, such motion shall have precedence.

3. No application dismissed or denied can be considered again except (1) on a motion to reconsider the vote, or (2) on a request to restore to the calendar.

4. No request to grant a rehearing can be entertained

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unless substantial new evidence is submitted. If, on motion of a member of the Board, adopted by three affirmative votes, the request is granted, the case shall be put on the calendar for a rehearing.

In all cases the request for restoration to the calendar shall be in writing, reciting the reasons for the request, and shall be duly verified and accompanied by the necessary data and diagrams. Such request shall be filed with the Chairman. The Chairman may then set a date when the request for restoration to the calendar shall be submitted to the Board, of which date the person making the request shall be notified.

5. The Board may, on the motion of any member, review any decision that it has made and may reverse or modify such decision, but no such review shall prejudice the rights of any person who has in good faith acted thereon before it is reversed or modified.

ARTICLE V—BUILDING ZONE APPLICATIONS

1. No application for a variation or modification of the provisions of the Building Zone Resolution shall be entertained by the Board except in a specific case, and from an order, requirement decision or determination made by any Commissioner of Buildings or the Tenement House Commissioner, on the ground that the proposed plan or use violates the Building Zone Resolution.

2. No such application shall be entertained unless the application is filed within thirty days from the date of the action of the Commissioner of Buildings or the Tenement House Commissioner.

3. Every application shall be made on Form 3BZ and shall be accompanied by all the data required by such form, and shall be considered subject to such rules as the Board has adopted or may adopt under Article 5, Section 21 of the Building Zone Resolution.

4. As soon as any application is completed by the filing of the data required in Form 3BZ, the case shall receive a calendar number and shall be placed on the Clerk's Calendar, and the applicant shall be notified by the Board on Form 6CC of the time set for the call of the calendar, which shall be at least ten days after the mailing of said notice. With this notice the applicant shall be supplied with an official copy of Form 7NO, which he is required to send to every property owner entitled to notice of the application. Within three days the applicant must file a verified statement that he has so notified each of such property owners either by personal service or by registered mail. Not less than fourteen days' notice of the date fixed for calendar call in each Building Zone application shall be given by publication in the Bulletin of the Board.

5. On the call of the Clerk's Calendar the applicant shall appear in person, or by agent or attorney, and property owners affected by the application may appear either in person or by agent or attorney and present written objections they may have to the granting of the application, together with a description of their property and an affidavit of ownership. Then a date shall be set for a public hearing on the application at the earliest available date thereafter. Notice of said hearing shall be given by publication in the Bulletin of the Board.

6. On the date set for the public hearing, the applicant shall state his case, then the opposition shall be heard, and both shall have an opportunity for rebuttal.

7. Any application that has been denied after a public hearing cannot be reheard except on new material facts or a different section of the Building Zone Resolution.

ARTICLE VI—APPEALS.

1. No appeal from any order, requirement, decision or determination of the Commissioner of Buildings or the Board of Buildings or the Fire Chief and Commissioner or from any rule or regulation relating to the construction, alteration, structural changes in equipment, occupancy or use of any building or structure, under Section 719 of the

Charter, shall be entertained unless such appeal is filed on Form 1A, with all the data required in such form, within thirty days from the date of the order appealed from except that minor appeals from orders or decisions may be filed on form 1A accompanied by a written description of the premises and a copy of the order or decision. What constitutes minor appeals from orders or decisions shall be determined by the Chairman.

ARTICLE VII—LABOR LAW VARIATIONS, ETC.

1. No application for variation of the Labor Law, or of any rule adopted thereunder affecting the construction or alteration of buildings, exits therefrom, the installation of fixtures or apparatus as authorized by Section 718a, subdivision 4 of the Charter, shall be entertained unless it is made on Form 2S, with all the data required in such form, within thirty days from the date of the administrative order.

No application for approval of a device, material or method of construction shall be entertained unless it is filed on Form 4SA, with all the data required.

No application for the adoption or amendment of Rules shall be entertained unless the application is made in writing.

ARTICLE VIII—ADOPTION OF RULES.

1. No resolution of the Board of Standards and Appeals adopting or amending any rule or regulation under subdivisions 2 or 3 of section 718-a of the Charter or any other law shall be adopted unless such proposed rule or regulation shall have been published in the Bulletin of the Board for at least ten days prior to a public hearing thereon. Three affirmative votes of the Board shall be necessary for the adoption of such resolution.

2. Amendments to these Rules of Procedure may be made by the Board of Standards and Appeals at any regular session, providing notice of such amendment has been given to each member of the Board three days prior to such session, either in writing or by publication in the Bulletin. Any rule of procedure may be suspended at any session by the concurring vote of three members.

ARTICLE IX—OTHER RESOLUTIONS.

1. Every resolution of the Board of Standards and Appeals suggesting changes or amendments to the law under subdivision 5, section 718-a of the Charter and every resolution not otherwise provided for shall require at least three affirmative votes for its adoption.

ARTICLE X—INSPECTIONS.

1. In any case in which the Board may deem it necessary, an inspection of the premises in question may be ordered by the Board. Such inspection shall be made by the Chairman and by two or more members designated by him, and they shall report their findings to the Board.

ARTICLE XI—TESTS.

1. In any case in which the Board may order a test of any material or device, such test shall be conducted according to the rules adopted by the Board for the use, of such material or device. Test shall be conducted under the supervision of an Assistant Engineer and/or in the presence of such member or members of the Board or staff as the Chairman may designate, or in lieu of the above, tests may be made of material and devices by a recognized standard testing laboratory, city or state department, but the Board reserves the right to be present at such test. The result of such test shall be reported to the Board in writing. Three affirmative votes of the Board shall be necessary for the approval of the use of such material or device.

ARTICLE XII—RECORDS.

1. All applications and appeals shall be on the required forms, and all communications, reports, etc., relative to any matter appearing on the calendar, shall be on sheets approximately 8½ in. by 11 in. in size. Plans shall be on sheets 8½ in. by 11 in. or multiples thereof unless otherwise ap-

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proved by the Chairman. After final disposition, all applications and appeals and other papers appertaining thereto shall be suitably bound and indexed and filed numerically in cabinets. All applications and appeals shall upon application to the clerk in charge be accessible to the public at all reasonable hours.

ARTICLE XIII—THE BULLETIN.

1. The Bulletin of the Board of Standards and Appeals shall be published on Tuesday of each week. It shall contain:

- (1) Directory of the Board.
 - (2) Docket.
 - (3) Clerk's Calendar Call.
 - (4) The Hearing Calendar.
 - (5) Notice of hearing on building zone applications and on proposed rules or the amendment of rules.
 - (6) An abstract of the minutes of each meeting, including a brief statement of the action in each case, with the roll call thereon and the full text of the resolutions adopted.
 - (7) Rules adopted.
 - (8) Such other information as may be of value to the public and within the scope of the work of the Board.
2. The preparation and editing of material for the bulletin shall be in charge of such members of the staff as the Chairman shall designate.

ARTICLE XIV—OFFICERS.

1. The Chairman shall preside at all sessions. The Chairman may designate any member of the Board to preside and perform the duties of the Chair at public sessions.

2. The Chairman, subject to these rules, shall decide all points of order or procedure, unless otherwise directed by a

majority of the Board in session at that time.

3. The Chairman shall designate the members of the Board to make an inspection, and, unless otherwise directed by the vote of three members of the Board, shall appoint any committee that may be deemed necessary.

4. The Chairman shall report at each session on all pertinent official transactions that do not otherwise come to the attention of the Board.

5. Administrative authority is vested solely in the Chairman of the Board who shall, subject to these rules, transact all official business of the Board, engage the necessary employees and direct the work of the office. Official correspondence shall be signed by the Chairman and by such members of the staff as the Chairman may designate.

6. Subject to these rules and the direction of the Chairman, the Chief Clerk shall have charge of all accounts and see that the files and indices are kept in proper order and up to date, and generally supervise the clerical work of the office force, maintaining discipline in accordance with the rules of the office and charter provisions.

7. Subject to these rules and the direction of the Chairman, the Assistant Engineers shall examine and report on all applications or appeals, prepare all proposed rules or revised rules suggested with report on the reasons and necessity for same; supervise and witness the tests conducted under the auspices of the Board, and assist generally in all technical matters coming before the Board.

8. A complete stenographic record of the transactions at public sessions shall be made for the files, including verbatim transcripts of such parts as may be directed, and there shall be prepared, after each meeting and in time for the next publication of the Bulletin, the abstract of the minutes which is to appear in such Bulletin.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

<i>Name of Pump</i>	<i>Calendar No.</i>	<i>Name of Pump</i>	<i>Calendar No.</i>
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Monroe Oil Pump	658-26-SA
Beach Russ Co. Rotary	1134-22-SA	Northern Rotary	1396-24-SA
Blackmer Rotary	935-24-SA	Pascoe Pump Set	1029-26-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Century Rotary	908-21-SA	Quiet May Gerotor Pump	267-32-SA
Cook Electric Oil Pump	603-25-SA	Quimby Screw Pump	1193-21-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA

PROGRESS REPORT

DOCKET.	
Cases pending December 31, 1934	163
Cases filed up to April 17, 1935	102
Restored to Calendar	28

MISCELLANEOUS APPLICATIONS.	
Requests to reopen	127
Requests to amend	65
Requests for modification	0
Requests to rescind	0
Requests for extension of time	20
Requests for extension of permit	3
Requests for mechanical installations	0
Requests for approval of plans	5
Administrative requests	0
Requests for interpretation	0
Total	513
Disposed of	372
Cases pending April 17, 1935	141

DISPOSITION OF CASES.	
Withdrawn	13
Dismissed	6
Denied	38
Granted	2
Granted on condition	58
Appliances approved	32
Appliances dismissed, disapproved or withdrawn.....	3
Rules approved	0
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.	
Requests to reopen granted	116
Requests to reopen denied	3
Requests to amend granted	65
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	0
Requests to rescind denied	0
Requests for extension of time granted	20
Requests for extension of time denied	0
Requests for extension of permit granted	3
Requests for extension of permit denied.....	0
Requests to install granted.....	0
Requests to install denied	0
Plans approved	5
Plans disapproved	0
Administrative requests granted.....	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	8
Total	372

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order; therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

Name.....

Street.....

P. O.....

My Subscription is to begin with the issue for, 1935.

352.05
NEW

BULLETIN OF THE BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

APRIL 30, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 18

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, April 29, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, May 6, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND PETITIONERS

No appeal, application or petition will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within twenty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal, application or petition shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal, application or petition, and if he fails to supply the data required thereon, within twenty days, his case may be dismissed for lack of prosecution.

At the time of filing an application, the appellant or petitioner shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Petitioners are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal.

Appeals, applications and petitions will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

New Cases Filed up to April 24, 1935.

Cal. No.	Department.	Premises Affected.
108-35-SA.....	F.D.....	Concord Burner, Appliance.
107-35-BZ.....	D.B.Bx....	1301-1305 Jerome ave., and 1-9 West Clarke place, north-west corner (Block 2856 Lots 60 and 63), The Bronx N. B. 98-35.
106-35-BZ.....	D.B.Q.....	153-14 90th ave. (Block 829, Lot 20), Jamaica, Queens, Decision.
105-35-BZ.....	D.B.Bx....	50-68 West Fordham road and 2413-2425 Grand ave., south-west corner (Block 3212, Lot 72), The Bronx, Decision.
104-35-BZ.....	D.B.B....	5809-13 Bay Parkway, (Block 6547, Lots 5 and 7), Brooklyn, Applic. 2740-35.
103-35-BZ.....	D.B.B....	5001-11 Flatlands avenue, and 1869-1875 Utica ave., north-east corner of Utica ave. (Block 7798, Lot 33) Brooklyn, Applic. 3221-35.

Restored to Calendar.

641-30-BZ.....	D.B.Q.....	Southside of Hillside ave., 41 ft. east of 207th st. (Block 1508 Lots 3, 4 and 5), Queens Village, Queens, N. B. 5846-30.
287-33-BZ.....	D.B.Q.....	Northwest corner of Jamaica ave. and Newtown road (Block 695, Lots 1 and 1½) Astoria, Queens, N. B. 1527-33.
37-35-A.....	F.D.....	98-100 Beard st., northwest corner of Richards st., (Block 604, Lot 16), Brooklyn, 65098-L.C

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

	Last Publication in Bulletin
Certificate of Occupancy, approved forms.....	Aug. 2, 1932—Vol. 17 No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime)....	Apr. 30, 1935—Vol. 20 No. 18
Elevator Rules.....	July 3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors)....	Jan. 1, 1935—Vol. 20 No. 1
Factory Exit Rules.....	Dec. 11, 1934—Vol. 19 No. 50
Fire Alarm Rules (Interior).....	Nov. 20, 1934—Vol. 19 No. 47
Fire Drill Rules.....	May 30, 1933—Vol. 18 No. 22
Fire Retarding Rules for Garages, etc.	Apr. 9, 1935—Vol. 20 No. 15
Fireproof Wood, Testing of.....	Apr. 9, 1935—Vol. 20 No. 15
Frame Garages, Ruling for.....	Jan. 21, 1919—Vol. 4 No. 3
Gas Shut-Off Rules.....	Apr. 7, 1925—Vol. 10 No. 14
Hatchway Protection.....	June 5, 1928—Vol. 13 No. 23

Oil Burner Rules.....	Apr. 2, 1935—Vol. 20 No. 14
Paint, Varnish and Lacquer Spray- ing Rules.....	Nov. 27, 1934—Vol. 19 No. 48
Plumbing Rules.....	Apr. 30, 1935—Vol. 20 No. 18
Procedure, Rules of.....	June 20, 1933—Vol. 18 No. 25
Refrigerating Systems, Extract C.O.	Nov. 20, 1934—Vol. 19 No. 47
Smoking in Factories, Rules for....	Dec. 11, 1934—Vol. 19 No. 50
Sprinkler Rules.....	Mar. 5, 1935—Vol. 20 No. 10
Standpipe Fireline Rules.....	Mar. 19, 1935—Vol. 20 No. 12
Structural Alterations, Reporting..	June 7, 1932—Vol. 17 No. 23
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)....	Apr. 10, 1923—Vol. 8 No. 15

LIST OF APPROVED APPLIANCES

Anti-Siphon Valves.....	Mar. 5, 1935—Vol. 20 No. 10
Fireline Hose Valves.....	Apr. 16, 1935—Vol. 20, No. 16
Fuel Oil Burners for Domestic and Commercial Use.....	Apr. 30, 1935—Vol. 20 No. 18
Fuel Oil Burners for Industrial Use.	Apr. 16, 1935—Vol. 20, No. 16
Fuel Oil Pumps.....	Apr. 23, 1935—Vol. 20, No. 17
Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
Range Oil Burners and Space Heaters.....	Apr. 30, 1935—Vol. 20 No. 18

COURT DECISIONS

Boassi vs. Murdock—April 10, 1934, Board granted extension of an existing garage, in a business district, under sections 7e and 21, Cal. No. 116-33-BZ, Premises 50-56 Downing street and 214-218 W. Houston street, Manhattan. Mr. Justice Frankenthaler sustained Board (N. Y. L. J. Apl. 18, 1935).

Baum et al. vs. Board of Standards and Appeals—Apl. 17, 1934, Board denied gasoline service station, partly in business and partly in residence district, under section 21, Cal. No. 343-33-BZ; Premises 1384-1392 Linden blvd., South East corner Bristol street, Brooklyn. Mr. Justice May sustained the Board (N. Y. L. J. Apl. 19, 1935).

In re Firestone Tire and Rubber Co. (Murdock)—March 21, 1933, Board denied temporary gasoline service station in business district, under section 7-f (previously denied under section 21), Cal. No. 333-31-BZ; Premises North West corner Northern boulevard and 155th street, Flushing, N. Y. Mr. Justice Cuff sustained Board (N. Y. L. J. Apl. 23, 1935).

Peo. ex rel. Scharnberger vs. Murdock, et al.—July 14, 1933, Board denied gasoline service station, partly in business and partly in residence district, under section 21, Cal. No. 114-33-BZ, Premises 172-15 46th ave., North West corner Utopia parkway, Flushing, N. Y. Mr. Justice Cuff sustained Board (N. Y. L. J. Apl. 24, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, APRIL 29, 1935, AT 2 P. M.

Building Zone Cases.

56-35-BZ.
APPLICANT—Landi and Landi, for Diego Aiello, owner.
PREMISES—13-21 Truxton street, north side, 100 feet west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT on a plot of ground located in a business district the erection and maintenance of a motor vehicle repair shop and, also, the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles.

59-35-BZ.

APPLICANT—William W. Knowles, for William L. Sava-cool, owner.

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PREMISES—135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

71-35-BZ.

APPLICANT—John Krupski, owner.

PREMISES—147-15 Brinkerhoff avenue, north side, 100 feet east Liverpool street (Block No. 2725, Lot Nos. 412 and 414), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehicle.

80-35-BZ.

APPLICANT—Kavy and Kavovitt, Inc., for Sophia A. Seidman and Estate of Sarah Newland, owners.

PREMISES—1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements.

APRIL 30, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, April 30, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 182-30-BZ—Application of Marshall and Marshall, on behalf of Jennie Macdonald, owner, reopened February 19, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station (previously withdrawn); premises 8918-8932 Fourth avenue, northwest corner of 90th street (Block No. 6064B, Lot No. 65), Brooklyn.

CAL. NO. 55-35-BZ—Application, March 2, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Esther Weiss, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 5255-5265 Kings Highway and 5302 Preston court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

CAL. NO. 315-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Sidney L. Strauss, applicant, on behalf of John H. Gerken, Inc., owner,

to permit in a business district the erection and maintenance of a gasoline service station; premises 63-71 Hopkins street and 460-468 Marcy avenue, northwest corner (Block No. 1719, Lot Nos. 43 to 49, inclusive), Brooklyn.

CAL. NO. 352-34-BZ—Application, December 18, 1934, under section 21 of the building zone resolution, of Charles M. Arak, applicant, on behalf of Laura E. Mace, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 724-748 Mace avenue, southwest corner of Boston road (Block No. 4431, Lot No. 41), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

APRIL 30, 1935, 2 P. M.

Appeals from Administrative Orders

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

93-35-A—418 East 115th street (Block No. 1703, Lot No. 41), Manhattan.

Appliances Submitted for Approval

97-35-SA—Roper Rotary Pump for Fuel Oil.

98-35-SA—Heat King Oil Burner, Model 2.

99-35-SA—Kleen Heat Oil Burner, Type 902.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, April 30, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 894-28-BZ—Application of Samuels and Samuels, on behalf of Gustaf Larson, owner, reopened and restored to Calendar January 22, 1935, under section 21 of the building zone resolution, to permit upon a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2702-2712 Foster avenue and 1285-1289 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

CAL. NO. 540-27-BZ—Application of Bernard Austin, on behalf of Anhil Realty Corporation, present owner, reopened March 5, 1935, by order of the court, under section 21 of the building zone resolution, for an amendment to the resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board; premises 725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

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CALL OF CLERK'S CALENDAR MONDAY, MAY 6, 1935, AT 2 P. M.

Building Zone Cases.

26-35-BZ.

APPLICANT—John J. Dunnigan, for Hugh Cooney, owner.
PREMISES—4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner ((Block No. 3369, Lot Nos. 1 and 40), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

77-35-BZ.

APPLICANT—Philip Bardes, for Barilio Giovannini, owner.

PREMISES—16 Morton street, south side, 49 ft. 5¾ in. east of 7th avenue (Block No. 586, Lot No. 55), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in an unrestricted district the alteration and change of occupancy of part of an existing building to a motor vehicle repair shop and, also, garage for more than five (5) motor vehicles.

340-23-BZ.

APPLICANT—Clarence F. Kaltenbach, owner.

PREMISES—888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened November 20, 1934),

TO PERMIT in a business district the alteration and conversion of a portion of a garage (previously granted by the board) so as to extend an existing gasoline service station erected prior to 1925.

MAY 7, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 7, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 872-28-BZ—Application of Eugene De Rosa, on behalf of John A. McCarthy, owner, reopened January 29, 1935, under section 21 of the building zone resolution, to permit partly in a residence district and partly in a business district the alteration and reconstruction of a portion of stores (previously granted by the board) into a motion picture theatre; premises 2311 Grand Concourse, northwest corner of East 183rd street (Block No. 3164, Lot No. 31), The Bronx.

CAL. NO. 44-35-BZ—Application, February 18, 1935, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Henry A. Bonori, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

CAL. NO. 53-31-BZ—Application of Isaac T. Flatto, owner, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period); premises 301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, Lot No. 63 and part of Lot Nos. 62 and 64), The Bronx.

CAL. NO. 50-35-BZ—Application, February 21, 1935, under section 21 of the building zone resolution, of August Staiano, applicant, on behalf of Francis G. Hooley and Sara Wilson, owners, to permit on a plot extending from a business district into a residence district the erection and maintenance of a gasoline service station on the business part of the plot; premises 1264 Castleton avenue, south side, 272.09' east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Richmond.

HARRIS H. MURDOCK, *Chairman.*

MAY 7, 1935, 2 P. M.

Appeals from Administrative Orders.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

37-35-A—98-100 Beard street, northwest corner of Richards street (Block No. 604, Lot No. 16), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 7, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 330-29-BZ—Application of Lama and Proskauer, on behalf of Frederick Prisco, owner, reopened April 16, 1935, for consideration as to extension of permit—re Application, granted on certain conditions, under section 7f of the building zone resolution, permitting partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises southwest corner of Kissena road and Vlegh road (Block No. 2395, Lot No. 1), Flushing, Borough of Queens.

CAL. NO. 157-30-BZ—Application of William H. Healy, on behalf of George Schrank, owner, reopened April 16, 1935, for consideration as to amendment of resolution—re Ap-

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plication, granted on certain conditions, under sections 7b and 21 of the building zone resolution, permitting partly in a residence district and partly in a business district the alteration and change of occupancy of part of the first story of an existing building from a two-car garage (accessory use) to a store; premises 1601 Avenue U, northeast corner of East 16th street (Block No. 7321, Lot No. 48), Brooklyn.

CAL. NO. 13-33-BZ—Application of Lama and Proskauer, on behalf of Still-Kings Realty Corporation, owner, reopened April 16, 1935, for consideration as to amendment of resolution—re Application, granted on certain conditions, under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 1552-1560 Stillwell avenue, southwest corner of Kings Highway (Block No. 6253, Lot No. 29), Brooklyn.

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.
HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR MONDAY, MAY 13, 1935, AT 2 P. M.

Building Zone Cases.

27-35-BZ.

APPLICANT—John J. Dunnigan, for Bertha Schrank, owner.

PREMISES—3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station.

73-35-BZ.

APPLICANT—Max Hausle, for Mary Entenman, owner.
PREMISES—1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop.

352-32-BZ.

APPLICANT—David S. Lang, for Max Goldman, owner.

PREMISES—3305-3311 Boston road and 1152 East 211th street, southwest corner (Block No. 4705, Lot Nos. 62-65), The Bronx.

APPLICATION, under sections 7f & 21 of the building zone resolution (reopened February 13, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station (previously granted by the Board for a temporary period—the temporary period has expired).

MAY 14, 1935, 10 A. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 14, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 92-31-BZ—Application of Abraham N. Horwitz, on behalf of Sarah Raskin and Yetta Raskin, owners, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period; denied by the Board for a permanent maintenance and referred back to the Board by the court); premises 8401-8411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

MAY 14, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 14, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner

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(Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

MAY 21, 1935, 2 P. M.

Building Zone Application.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

NOTICE IS HERBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 21, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corporation, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, APRIL 23, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

349-34-BZ.

APPLICANT—Christopher C. McGrath, for Blanche Rosenberg, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

APPEARANCES—

For Applicant: Christopher C. McGrath, Fred M. Weiss, Blanche Rosenberg.

For Opposition: Samuel F. Reynolds, Earl C. Gallant, Wm. J. Carey, Carl Schmidt, Peter Sinnott, Wm. Sinnott, Malcolm Stark, Raymond E. Dee, Samuel Brody, Joseph N. Grengardi, Dick Demario, Louis Heinze.

ACTION OF BOARD—Laid over to May 14, 1935, at 2 P. M., for report of committee on inspection. No further argument.

34-35-BZ.

APPLICANT—Jacob Sulzbach, for Ken-Isle, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing

and dry cleaning building and accessory tanks, etc.

PREMISES AFFECTED—1805 11th avenue (Cross Island boulevard) east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46, Block No. 4732, Lot No. 9, Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

APPEARANCES—

For Applicant: Isidore Paul, Irving M. Fenichel, Dan J. Stack, John H. Claypool.

For Opposition: Emanuel H. Jerabek, Guy N. Gordon, Julius Gassner, Michael Tursi, Thomas Kelly.

ACTION OF BOARD—Laid over to May 14, 1935, at 2 P. M., for report of committee on inspection. No further argument.

45-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Helen R. McGowan and Loretta M. McGowan, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7a of the building zone resolution, to permit in a residence district the alteration and extension of an existing (frame) business building.

PREMISES AFFECTED—2356 University avenue, east side, 1163.63 ft. north of West 183rd street (Block No. 3212, Lot No. 57), The Bronx.

APPEARANCES—

For Applicant: Matthew W. Del Gaudio.
For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chief Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(45-35-BZ)

WHEREAS, Matthew DelGaudio, for Helen R. Mc-

MINUTES

Gowan and Loretta M. McGowan, owners, filed February 19, 1935, an application under the building zone resolution to permit in a residence district the alteration and extension of an existing (frame) business building; premises: 2356 University avenue, east side, 1163.63 ft. north of West 183rd street (Block No. 3212, Lot No. 57) Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 23, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that University avenue is in a residence and business district; West Fordham road is in a business district; and Andrews avenue is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 16, 1935, re Alt. App. No. 30-1935—reads:

"1. Proposed alteration and extension of existing frame business building in residence district is contrary to provisions of building zone resolution."

and
WHEREAS, the premises consist of a plot of ground having a frontage of 25 feet and a depth of 100.9 feet, upon which is located a two story frame structure 20 feet by 55 feet in area; occupied on the 1st story as a store and as dwelling above. It is proposed to reconstruct the building with brick walls; to extend the area of the cellar, 1st and part of the 2nd story (easterly and also westerly) to the side lot lines or from a frontage of 20 feet to a frontage of 25 feet and also to extend the depth of the cellar and 1st story from a depth of 55 feet to a depth of 75 feet. Proposes to occupy the 1st story as a store and the 2nd story as an office or show room and a 3 room apartment at the rear; and

WHEREAS, a committee of the board inspected this site on April 18, 1935; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under Section 7a of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 7a, permitting the reconstruction of the frame building as indicated on plans filed with this appeal, *on condition* that the building shall on all sides be enclosed as indicated with brick walls; that there shall be no new windows introduced in the southerly lot line wall opening on adjacent premises and that such windows as now exist that are to be continued in the northerly lot line wall, overlooking adjoining non-fireproof stores to the north, shall be fireproof, self-closing and glazed with polished plate glass, and permitting the continuation of the occupancy as a store on the street floor and as office and residential occupancy on the second floor.

31-35-BZ.

APPLICANT—Albert E. Schaefer, for Whitlock Building Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of an existing building to a motor vehicle repair shop.

PREMISES AFFECTED—1506 Jerome avenue, east side, 55.36 feet north of East 172nd street (Block No. 2846, Lot No. 4), The Bronx.

APPEARANCES—

For Applicant: Albert E. Schaefer.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(31-35-BZ)

WHEREAS, Albert E. Schaefer, for Whitlock Holding Corp., owner, filed February 6, 1935 an application under the building zone resolution to permit in a business district the alteration and change of occupancy of an existing building to a motor vehicle repair shop; premises: 1506 Jerome avenue, east side, 55.36 feet north of East 172nd (Block No. 2846, Lot No. 4), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 23, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jerome avenue is in a business district; Goble place is in a business and unrestricted district; West 172nd street is in a business district and Townsend avenue is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 5, 1935, re Application No. 1999-35—reads:

"1. Proposed conversion and alteration of existing business building in business use district to be occupied as repair shop for motor vehicles, contrary to provisions of building zone resolution."

and

WHEREAS, the building is of non-fireproof construction one-story in height, with a frontage of 50 feet and a depth of 97 feet 8 inches irregular, erected in 1928 and originally occupied as a roofing and sheet metal shop; it is proposed to occupy the building as a motor vehicle repair shop; and

WHEREAS, the board deemed that applicant was entitled to temporary relief under section 21 on the grounds of practical difficulty and unnecessary hardship.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted under section 21 for a temporary period of two (2) years from the date of this action*, permitting the existing building to be used as automobile repair shop *on condition* that only such repair work shall be carried on as can be done with manual tools, but permitting the use of motor driven tools requiring not more than ½ h. p. motor each, excluding the use of anvils, forges, acetylene torches, welders or other open flame; that the boiler room shall be protected with fire-retarded ceiling and that the boiler room shall be enterable from the exterior of building only; and that no windows shall be installed in the exterior lot line walls other than those now existing.

Adjourned, 1:00 P. M.

EDWARD V. BARTON, Chief Clerk.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.
TUESDAY AFTERNOON, APRIL 23, 1935.

Present; Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

624-26-BZ.

APPLICANT—Leopold Spitz, for Apa Realty Corporation, present owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years.

PREMISES AFFECTED—Southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Leopold Spitz.

For Opposition: Irving Ehrlich.

ACTION OF BOARD—Laid over to May 7, 1935 at 2 P. M. for further consideration by the board.

42-34-BZ.

APPLICANT—Philip Finkelstein, for Emdee Management Corporation, owner.

SUBJECT—Application reopened March 5, 1935, by order of the court, for reconsideration—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied).

PREMISES AFFECTED—389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130) Brooklyn.

APPEARANCES—

For Applicant: Philip Finkelstein, J. Jacobson, Maurice R. Whitebook, Henry Granoff, Louis Rosenberg.

For Opposition: Joseph A. Shields, Alfred P. Hamel, Thomas F. Doyle, Antonio Costello, Max G. Ehrlich, Joseph M. Campbell.

ACTION OF BOARD—Laid over to May 21, 1935 at 2 P. M., for consideration by the board.

540-27-BZ.

APPLICANT—Bernard Austin, for Anhil Realty Corporation, present owner.

SUBJECT—Application reopened March 5, 1935, for consideration of amendment by order of the court re application (decision of the superintendent of buildings) under section 21 of the building zone resolution to permit in a business district the maintenance and operation of unenclosed grease pit in connection with a gasoline service station previously granted by the board.

PREMISES AFFECTED—725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

APPEARANCES—

For Applicant: None.

For Opposition: None.

ACTION OF BOARD—Laid over to April 30, 1935, at 2 P. M. on written request of applicant.

641-30-BZ.

APPLICANT—Michael Shanley, owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the superintendent of buildings) under section 7f of the building zone resolution, permitting, partly in a business use district and partly in a residence use district, the maintenance

of a gasoline service station for a further period of two (2) years.

PREMISES AFFECTED—South side of Hillside avenue, 41 feet east of 207th street (Block No. 1508, Lot Nos. 3, 4 and 5), Queens Village, Borough of Queens.

APPEARANCES—

For Applicant: Julia Shanley.

ACTION OF BOARD—Application reopened, subject to usual procedure, waiving filing of photographs and plans, but requiring new list of owners.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief Kid-

ney 4

Negative 0

Absent 0

337-34-BZ.

APPLICANT—Solomon Gelfand for Annie Livshitz, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops.

PREMISES AFFECTED—1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47), Brooklyn.

APPEARANCES—

For Applicant: Solomon Gelfand.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief Kid-

ney 4

Negative 0

Absent 0

THE RESOLUTION—

(337-34-BZ)

WHEREAS, Solomon Gelfand, for Annie Livshitz, owner, filed November 28, 1934, an application under the building zone resolution to permit in a business district the change of occupancy of an existing building to motor vehicle repair shops; premises: 1-7 Blake avenue and 123-133 East 98th street, northeast corner (Block No. 3531, Lot Nos. 1 and 47) Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 23, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that East 98th street is in a business district; Blake avenue is in a business and residence district and Union street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered November 14, 1934, re Application No. 1297-1934, reads:

"Proposition to occupy premises in a business zone for automobile repair work is contrary to article II section 4a (29) of the zone resolution."

and

WHEREAS, the building is of non-fireproof construction one story in height, with a frontage of 116 feet 10 inches on East 98th street 87 feet 4 inches on Blake avenue and a distance of 100 feet along the East lot line, formerly occupied as stores; it is proposed to occupy the building as motor vehicle repair shops; and

WHEREAS, this application was the subject of an inspection on April 4, 1935, by a committee of the board and a verbal report by the chairman on behalf of the committee recommended granting of this application under section 21 of the building zone resolution; and

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WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution, practical difficulty and unnecessary hardship.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution under section 21 and that the application be and it hereby is *granted*, permitting the premises to be used for automobile repairing, *on condition* that the 50 foot area to the east now occupied by Chrysler auto service station shall be used as a service station for the automobiles of this concern only and that the automobile repairing shall consist only of light repairs for reconditioning such automobiles; that the doors opening into the rear yard of the adjoining buildings to the east shall be removed and the opening filled with a fireproof frame and sash, glazed with wire glass; that in the 3 units referred to as units 2, 3 and 4, automobile repairing may be carried on, *on condition* that such repairing is of a light nature only, consisting of work that can be done with manual tools and with motor driven machinery, not requiring more than ½ h. p. motor each, eliminating the use of anvils and forges unless enclosed in separate fireproof enclosures and that other than as varied herein all laws and ordinances, rules and regulations applicable thereto shall be complied with.

21-31-BZ.

APPLICANT—Kadel, Van Kirk & Trencher, for Socony-Vacuum Oil Company, Inc., lessee.

SUBJECT—Application for reopening—amendment—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—49-21 Queens boulevard, northwest corner of 50th street and 49-20 Roosevelt avenue (Block No. 504, Lot No. 1), Long Island City, Borough of Queens.

APPEARANCES—

For Applicant—Bernard A. Trencher.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kinney	4
Negative	0

THE RESOLUTION

(21-31-BZ)

WHEREAS, this application affecting premises 49-21 Queens boulevard, northwest corner of 50th street and 49-20 Roosevelt avenue (Block No. 504, Lot No. 1), Long Island City, Borough of Queens, was granted by the board, March 24, 1931, resolution amended December 11, 1931 and applicant requests a further amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of December 11, 1931, only so far as it refers to curb openings, curb cuts and signs, so that as amended resolution will read:

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21, *on condition* that on the building line of all street fronts a permanent concrete curbing shall be built, *not less than 5 inches in height above grade with rounded top and not less than 12 inches in width with but one opening to 50th street not over 18 feet in width and two openings on Queens boulevard and two open-*

ings on Roosevelt avenue, which openings shall not exceed 40 feet in width each; that the opening to 50th street shall have sections of curb toward the laboratory and toward Queens boulevard not less than 2 feet in length; that the curbing at the intersection of Roosevelt avenue and Queens boulevard shall, however, be 12 inches in height and arranged as indicated on plan filed April 22, 1935, with a cross-curb so as to form an area as specified in the resolution adopted December 11, 1931, for planting and shrubbery; that curb cuts opposite these openings shall be not more than 5 feet wider than the width herein specified for the building line curbs; that all pumps shall be set back at least 10 ft. from the inside line of concrete curbing; there shall be no portable gasoline pumps operated or maintained on or outside the premises; that any structure erected on the premises either for office or use incidental to the conduct of a gasoline station shall be of masonry construction, roofed with Spanish tile or variegated slate, one story in height, and confined to an area of approximately 35 ft. by 65 ft., located on the extreme northeast portion of the premises; the portion of building used as lubricating pits shall be enclosed on four sides with arched open driveways on the front side; this building shall be faced on all sides with white enameled brick with panel design; there shall be no signs of any nature or description except those on the illuminating globes on the pumps or flat wall signs on the front of the building, the letters of which shall be not more than 12 in. high and not over one post standard erected within the building line on the Queens boulevard side to carry an illuminated Neon sign reading "Sobol Bros. Socony", which sign may overhang the building line; that other than as amended herein, the resolution adopted by the board on December 11, 1931, shall be complied with in all respects.

278-29-BZ.

APPLICANT—Kenlon Construction Company, Inc., for Richfield Oil Corporation of New York, lessee.

SUBJECT—Application for reopening amendment re Application (decision of superintendent of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southwest corner of Boston road and Longfellow avenue (Block 3004, Lot 33), Bronx.

APPEARANCES—

For Applicant—Gustave Goldman.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(278-29-BZ)

WHEREAS, this application affecting premises southwest corner of Boston road and Longfellow avenue (Block No. 3004, Lot No. 33), Borough of The Bronx, was granted by the board December 10, 1929, on certain conditions and lessee requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of December 10, 1929, so that as amended it will read as follows:

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"Granted on condition that there shall be constructed at the Cross street building line a wall of approved masonry not less than 6 feet above grade in height and that a retaining wall on Longfellow avenue shall be constructed following the line of the property with not more than one vehicular opening therein at the southerly end at the lower level of Longfellow avenue; that there shall be maintained at the intersection of Longfellow avenue and Boston road a concrete triangular platform not less than 12 inches above grade and not less than 12 feet in length from the point of intersection; that no gasoline pumps shall be erected within 10 feet of the building line; that any building erected for use, other than office and shelter, shall be enclosed; that the exterior of any structures erected on these premises shall be finished with face brick with dark colored brick trim or architectural terra cotta or natural stone trim; that there shall be constructed along the Boston road building line a reinforced concrete curbing not less than 5 inches in height with rounded top and not less than 12 inches in width with not more than two vehicular entrances therein, not exceeding 25 feet in width each and with curb cuts opposite not exceeding 30 feet in width each; that any advertising displayed shall be restricted to the illuminated glass globes of the gasoline pumps and to flat signs attached to the accessory buildings and to not over one post standard erected within the building line near the intersection of Longfellow avenue and Boston road for an illuminated sign that may overhang the building line, advertising only the brand of gasoline for sale; that all work shall be completed within three months from the date of this amended resolution."

315-33-BZ.

APPLICANT—William J. Russell, for Russand Realty Co., owner.

SUBJECT—Application for reopening—extension of time— re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Astoria avenue and 44th street (Block No. 717, part of Lot No. 29), Astoria, Borough of Queens.

APPEARANCES—

For Applicant—Samuel D. Ferster.

ACTION OF THE BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(315-33-BZ)

WHEREAS, this application affecting premises southeast corner of Astoria avenue and 44th street (Block No. 717, part of Lot No. 29) Astoria, Borough of Queens, was granted by the board March 13, 1934, on certain conditions and appellant requested an extension of time to obtain permits and complete the work.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on March 13, 1934, only so far as it has reference to obtaining permits and completion of work, so that as amended this portion of the resolution shall read:

" . . . that all plans shall be filed with the commissioner of buildings within six months and all work shall be completed within one year from the date of this amended resolution on condition that the resolution adopted by the board on March 13, 1934, other than as amended herein, shall be complied with in all respects."

287-33-BZ.

APPLICANT—Ellwyn F. Haslip for William Allan, owner.

SUBJECT—Application for reopening—referred back to Board by order of the court to place conditions—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Jamaica avenue (31st avenue) and Newtown road (Block No. 695, Lot Nos. 1 and 1½), Astoria, Borough of Queens.

APPEARANCES—

For Applicant—Ellwyn F. Hayslip.

ACTION OF BOARD—Application reopened, restored to calendar and granted on condition.

THE VOTE TO REOPEN AND RESTORE TO CALENDAR—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO GRANT ON CONDITION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(287-33-BZ)

WHEREAS, this application affecting premises northwest corner of Jamaica avenue (31st avenue) and Newtown road (Block No. 695, Lot Nos. 1 and 1½), Astoria, Borough of Queens, was denied by the board April 10, 1934; and

WHEREAS, the matter was referred back to the board by order of the Court for the setting up of such conditions as will safeguard the neighborhood.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted under section 21 in accordance with the order of the Court dated February 13, 1935, permitting the plot under appeal to be used as a gasoline service station, on condition that all structures now existing on the plot shall be removed and the plot shall be leveled substantially to the grade of surrounding streets; that there shall be erected on the interior lot lines from Jamaica avenue (31st avenue) easterly and thence generally southerly to Newtown road a masonry wall not less than 8 feet in height; that the accessory buildings shall be located as indicated toward the easterly end of this plot and that the rear walls of these accessory buildings may be incorporated as part of lot-line wall as herein required; that there shall be no openings in the walls of these accessory buildings to the adjoining premises; that these accessory buildings shall not exceed one story in height and shall be for use only as office and accessory stores, auto laundry and for greasing, excluding automobile repairing; that these accessory buildings shall be constructed of fireproof materials except that the roof beams, roof boarding, doors and door frames, window and window frames may be of wood on condition that the ceilings throughout shall be fire-retarded in accordance with the rules of the Board of Standards and Appeals, and the weather surfacing of the

MINUTES

roof shall be of non-inflammable material; that there shall be no open excavations under these accessory buildings except for greasing pits; that the front portion of the greasing pit section shall be left open except that overhead doors may be installed provided a mechanical ventilating system is installed and maintained, ventilating the pits through ducts through and above the roof; that gasoline pumps erected shall be not nearer than 10 feet to any building line; that there shall be erected on the street building line a reinforced concrete curb cast integral with the cement paving, this curb to be not less than 12 inches in width and not less than 5 inches in height with rounded top, with not over two (2) openings therein, no opening exceeding 40 feet in width, with curb cuts opposite these openings not over 5 feet wider than the openings in the building line curbs; that no part of any opening shall be nearer than 10 feet to the intersection of Newtown road and Jamaica avenue (31st avenue) and not under 10 feet from any interior lot line; that the plot where not covered by accessory buildings and curbs shall be cement paved; that no open flame shall be permitted on the premises; that no portable gasoline tank shall be used on or from the premises; that signs shall be limited to the illuminated globes of the gasoline pumps and to permanent flat sign against the front of accessory buildings and to not more than one post standard erected within the building line near the intersection of Newtown road and Jamaica avenue (31st avenue) to carry an illuminated electric sign which may overhang the building line, advertising only the brand of gasoline sold; that all permits shall be obtained within three months and all work completed within nine months from the date of this resolution.

61-32-BZ.

APPLICANT—Raphael Blank, for Tolstoi Realty Corporation, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—64-70 Neptune avenue, southwest corner of Hoff street (Block No. 7516, Lot No. 2371), Brooklyn.

APPEARANCES—

For Applicant: Harry Teichner.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(61-32-BZ)

WHEREAS, this application affecting premises 64-70 Neptune avenue, southwest corner of Hoff street (Block No. 7516, Lot No. 2371), Borough of Brooklyn, was granted by the board May 13, 1932, on certain conditions, time extended May 15, 1934, and applicant requests a further extension of time.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on May 13, 1932, only so far as it has reference to the completion of work, so that as amended this portion of the resolution shall read:

“that in view of statement by owner’s representative that plans have been filed with the commissioner of

buildings, all work shall be completed within one year from date of this amended resolution *on condition* that other than as amended herein the resolution adopted by the board of May 13, 1932, shall be complied with in all respects.”

147-33-BZ.

APPLICANT—Meyer Kraushaar, for Arseekay Syndicate, Inc., owner.

SUBJECT—Application for reopening—amendment of resolution and extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting partly in a residence district and partly in a business district, the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—North side of Queens boulevard, 333.03 ft. east of 56th avenue (Block No. 1845, Lot No. 41), Elmhurst, Borough of Queens.

APPEARANCES—

For Applicant: Meyer Kraushaar.

ACTION OF BOARD—Application reopened, resolution amended and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(147-33-BZ)

WHEREAS, this application affecting premises north side of Queens boulevard, 333.03 feet east of 56th avenue (Block No. 1845, Lot No. 41), Elmhurst, Borough of Queens, was granted by the board January 30, 1934, on certain conditions and applicant requests an amendment of the resolution and an extension of time.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on January 30, 1934, only so far as it refers to the material of which the accessory buildings are to be constructed and the obtaining of permits and completion of work, so that as amended these portions of the resolution shall read:

“that these building shall be faced on all sides with face brick, architectural terra cotta or brick stucco; and that all permits shall be obtained within six months and all work shall be completed within one year from the date of this amended resolution *on condition* that the resolution, other than as herein amended, adopted by the board on January 30, 1934, shall be complied with in all other respects.”

25-34-BZ.

APPLICANT—William Richter for The Brooklyn Athletic Field, Inc., owner.

SUBJECT—Application for reopening re extension of time (re decision of the commissioner of buildings) under section 7a of the building zone resolution, permitting in a residence district the extension of an existing business building.

PREMISES AFFECTED—1196 Ocean parkway, northwest corner of Avenue L (Block No. 5495, Lot No. 1000), Borough of Brooklyn.

APPEARANCES—

For Applicant: William Richter.

ACTION OF BOARD—Application reopened and time extended.

MINUTES

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(25-34-BZ)

WHEREAS, this application affecting premises 1196 Ocean parkway, northwest corner of Avenue L, (Block No. 5495, part of Lot No. 1000), Borough of Brooklyn, was granted by the board May 15, 1934, on certain conditions and applicant requested an extension of time to obtain permits.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on May 15, 1934, only so far as it has reference to obtaining permits so that as amended it shall read:

"that all permits shall be obtained within two months from the date of this amended resolution *on condition* that other than as amended herein the resolution adopted by the board on May 15, 1934, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS

41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50) Manhattan.

APPEARANCES—

For Appellant: Edward McLaughlin.
For Administration: None.

ACTION OF BOARD—Laid over to May 7, 1935 at 2 P. M. to await action on case now pending in court.

93-35-A.

APPELLANT—Adolph H. Schmedtje, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—418 East 115th street (Block No. 1708, Lot No. 41), Manhattan.

APPEARANCES—

For Appellant: Adolph H. Schmedtje.
For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Laid over to April 30, 1935, at 2 p. m., for further consideration by the board.

91-35-A.

APPELLANT—Oscar Lowinson, for Children's Aid Society, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—152-154 Hester street and 59-65 Elizabeth street, southwest corner (Block No. 204, Lot No. 16), Manhattan.

APPEARANCES—

For Appellant: Oscar Lowinson, George Thiele.
For Administration: Inspector Maher of department of buildings, and Inspector Meyer of fire department.

ACTION OF BOARD—Appeal withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

37-35-A.

APPELLANT—Ernest J. Pirman, for Brooklyn Fire Brick Works, owner.

SUBJECT—Application for reopening—restoration to the Calendar—re Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—98-100 Beard street, northwest corner of Richards street (Block No. 604, Lot No. 16), Brooklyn.

APPEARANCES—

For Appellant: Ernest J. Pirman.

ACTION OF BOARD—Appeal reopened, restored to calendar and set for hearing May 7, 1935 at 2 P. M.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

87-35-A.

APPELLANT—Edgar J. Moeller, for Offset Gravure Corp., lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—35-37 36th street (Block No. 640, Lot No. 4), Astoria, Borough of Queens.

APPEARANCES—

For Appellant: Edgar J. Moeller, Percy Carroll.
For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(87-35-A)

WHEREAS, Edgar J. Moeller, for Offset Gravure Corp., lessee, filed March 29, 1935, an appeal from a decision of the commissioner of buildings affecting premises 35-37 36th street (Block No. 640, Lot No. 4), Astoria, Borough of Queens; and

WHEREAS, the decision of the commissioner of buildings, dated March 19, 1935, re Applic. No. 460-35, reads:

19 Building is not equipped throughout with an approved sprinkler system consisting of two automatic sources (gravity and pressure tanks) in accordance with rule 51, sprinkler rules of the B. of S. & A. and as required by Art. 19, Chap. 10, Code of Ordinances.

Your plan of proposed Nitro-Cellulose occupancy therefore is disapproved.

21 Improper protection provided for the open gas flame on the floor where nitro-cellulose products are to be stored or processed, Art. 19, Chap. 10, of Code of Ordinances.

22 Partitions do not conform with Sec. 355, Chap. 10, Code of Ordinances, or Section 263 and 270 of the Labor Law and as required by Art. 19, Chap. 10, of the Code of Ordinances;

and

WHEREAS, the building is fireproof, 6 stories (79 feet) in height, 125 feet by 140 feet, irregular in area at 1st and 2nd stories; and 100 feet by 140 feet, irregular in area

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above; OCCUPIED: cellar, 1st and 2nd story, printing; 3rd and 4th story, mfg. playing cards; 5th story, paper storage; 6th story, printing on cardboard and celluloid; total of 186 persons employed; located within an unrestricted district; and

WHEREAS, the lessee proposes to use the 6th story for cutting and printing on celluloid in connection with the existing printing business conducted on the 6th story, to erect an 8 inch brick enclosed fireproof vault, about 5 feet by 11 feet by 12 feet high at southeast corner of the 6th story for the storage of not more than 3,000 pounds of sheet celluloid, and a 4-inch terra cotta block fireproof enclosed room about 11 feet by 10 feet 6 inches in area at the center part of 6th story for a gas boiler and pump, operated to produce high pressure steam for a hydraulic press, all the work to be done strictly in accordance with the requirements of the Code of Ordinance and the Board of Fire Underwriters; the applicant claims as to item 19, that the building was erected in 1920, equipped with a standpipe system, fed from an 8,500-gallon house supply tank, 5,000 gallons reserved for standpipe purposes with siamese connections on 36th street front; prior to December 1, 1921, the owner voluntarily installed a sprinkler system covering the entire building fed from a 25,000-gallon gravity tank and also from an 8-inch direct connection with the 37th street water main having 30 to 35 pounds pressure and fed two ways, the sprinkler system is equipped with siamese connections on 36th street front, also a water flow fire alarm connection, which the applicant contends is a two source system; the house supply tank and sprinkler gravity tank are kept full by means of pumps with independent connections to the street main; as to Item 21, the gas furnace and pump room will be entirely fireproof, located about 60 feet from the celluloid storage; as to Item 22, the existing partitions and doors are covered on both sides with heavy sheet iron in a first class manner, exists are provided from all rooms to each stairway; the celluloid sheets are cut, printed and stamped to make campaign and other buttons, calendars, advertising cards and such other flat articles; the finished articles are shipped from the premises as soon as completed; no other manufacturing of celluloid articles such as boxes, cartons or similar work is done on the premises; and

WHEREAS, the existing gravity tank for the sprinkler is of much greater capacity than required and is located 25 feet above the roof and the sprinkler system is also fed from an 8 inch direct connection to the main on 37th street which is fed two ways with a street pressure of 35 lbs.

Resolved, that the decision of the commissioner of buildings, Applic. No. 460-35, be and it hereby is *modified*, and that the appeal be and it hereby is *granted* as to Items 19, 21 and 22 *on condition* that the standpipe fire-line system and the sprinkler system shall be maintained to the satisfaction of the administrative official in all respects except as to the requirement under Rule 51 of the Sprinkler Rules, that there should be both a gravity and pressure tank; that the celluloid storage vault shall comply with all requirements relative thereto; that at no time shall there be more than 3,000 pounds of sheet celluloid stored in this vault; that there shall at no time be more than 200 pounds of celluloid on the premises other than stored in the vault; that the gas furnace and pump shall be enclosed, as indicated, within the fireproof enclosure with self-closing fireproof doors; that the portion of the floor in which the celluloid storage vault is located shall be separated from the balance of the floor by means of fireproof partitions of 4 inch terra cotta blocks; that two means of exit shall be provided from such portion as indicated, through the fireproof door to the main portion of the floor leading to the stair in the northwest corner and by the proposed exterior balcony providing exit through the men's toilet to the fire tower; that all partitions in the section on the floor in which the celluloid storage vault is located and the celluloid is handled or processed shall be fireproof with self-closing fireproof doors; that the existing

stud partitions covered with metal in the northerly end of the floor may remain, provided there is a fireproof partition constructed easterly and westerly separating this portion of the floor from the balance of the floor where the celluloid is handled; that the central office water flow alarm shall be maintained; that such auxiliary fire-fighting equipment shall be installed as the commissioner may direct; and that the building shall comply in all respects with the requirements of the Labor Law and all other laws applicable thereto.

92-35-A.

APPELLANT—Julius Eckman, for Estate of John W. Chanler, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—349-353 Fifth Avenue and 2 East 34th Street, southeast corner (Block No. 676, Lot No. 81) Manhattan.

APPEARANCES—

For Appellant: Julius Eckman.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney

Negative 4

Absent 0

THE RESOLUTION—

(92-35-A)

WHEREAS, Julius Eckman, for Estate of John W. Chanler, owner, filed April 8, 1935, an appeal from an order and decision of the commissioner of buildings affecting premises 349-353 5th avenue, 2 East 34th street, southeast corner (Block No. 676, Lot No. 81), Borough of Manhattan; and

WHEREAS, the order of the building commissioner dated October 2, 1934, Order No. 16758-F, reads:

"1. Provide approved fireproof windows or iron shutters at all openings in the exterior wall above 1st story which are distant in a direct line less than 30 feet from any opening in any other building and not in the same plane with said openings and which are not more than 50 feet above a neighboring roof at rear of building also east, west and south sides of interior court at south end of building, or other approved protection as per Sec. 375, Art. 18, Ch. 5, of the Code of Ordinances."

and

WHEREAS, the decision of the commissioner of buildings, dated March 21, 1935, reads:

"Replying to your communication of the 11th, inst., you are advised that the records of this office indicate that the windows in question are within thirty feet of openings in the other buildings.

"Therefore, no modification may be granted even if the windows in adjoining premises are fireproof."

and

WHEREAS, the building is fireproof, 8 stories in height, 59 feet 3 inches by 100 feet in area; OCCUPIED: 1st story, store; upper stories, offices; located within a retail district; and

WHEREAS, the applicant claims there are a total of 28 windows affected by the order which open on the southerly inner court (10 feet 6 inches by 17 feet 4 inches) at the 5th, 6th, 7th and 8th stories; the order was issued on account of a fireproof window being constructed in the wall on the lot line at each of the 5th, 6th, 7th and 8th stories of the adjoining building at south, such windows receive light and air from the inner court on the premises under appeal; the building under appeal was erected in 1903, the exposure building was erected later in 1906, the windows causing the

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exposure have been existing during the past 29 years without complaint; under such conditions the applicant contends that it would impose an undue hardship upon the owner if forced to comply with the order; furthermore, the exposure windows are fireproof, glazed with wire glass and open off a stair hall which in turn is entirely enclosed and separated from the rest of the building by fireproof partitions with fireproof self-closing doors at all openings and also contains a standpipe line, in consequence there is no existing fire hazard on the premises.

Resolved, that the order No. 16758-F of the commissioner of buildings be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that the windows in the lot line wall to the east shall be made fireproof self-closing; that the windows in the southerly court, may remain so long as the windows opening on this court from the adjoining building to the south are fireproof, glazed with wire glass and that the sprinkler system of the adjoining building is maintained to the satisfaction of the commissioner.

100-35-A.

APPELLANT—A. A. Nelson, for Stevens Coal Co., lessee.
SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Southwest corner of Borden avenue and Dutch Kills Creek (Block No. 68, Lot No. 1), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: A. A. Nelson.

For Administration: None.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney... 4

Absent 0

THE RESOLUTION—

(100-35-A)

WHEREAS, A. A. Nelson, for Stevens Coal Co., lessee, filed April 16, 1935, an appeal from a decision of the commissioner of buildings, affecting premises southwest corner of Borden avenue and Dutch Kills Creek (Block No. 68, Lot No. 1), Long Island City, Borough of Queens; and

WHEREAS, the decision of the commissioner of buildings, dated April 12, 1935, re App. No. N. B. 1036-1935, reads:

"1. The erection of a frame building within the fire limits is contrary to section 90 of the Building Code (Article 5).

"2. The erection of a non-fireproof building within the fire limits is contrary to section 72, subd. 1-j of the Building Code."

and

WHEREAS, the premises consist of a vacant triangular plot of ground, 370 feet frontage on Borden avenue, 310 feet frontage on Dutch Kills Creek and 248 feet frontage on the L. I. R. R. tracks, located within an unrestricted district and also within the fire limits; and

WHEREAS, the applicant proposes to erect a coal distributing plant, to construct a one-story metal office and truck scale; six frame loading-coal-hoppers, 20 feet by 114 feet

by 12 feet in height, elevated 15 feet on steel columns; a one-story frame hoist-house, and a 60-ton frame screen-coal-pocket on the premises; the applicant contends that the frame work will be of heavy mill construction, the hoppers are open top without roof and used for loading trucks through gates at the bottom, thus insuring a continuous flow without latent storage; furthermore, here are no adjacent buildings and the proposed construction substantially upholds the spirit of the law.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the appeal be and it hereby is *denied*.

620-31-A.

APPELLANT—Lockwood Greene Engineers, Inc., for Hecker-Jones-Jewell Milling Co., owners.

SUBJECT—Application for reopening—extension of permit—re Appeal from an order of the fire commissioner.

PREMISES AFFECTED—40 Corlears street and 730-738 Water street, northeast corner (Block No. 264, Lot Nos. 65 to 71, inclusive), Manhattan.

APPEARANCES—

For Appellant: George L. Hawkins, Andrew C. Laurie.

For Opposition: Edward G. McLaughlin.

ACTION OF BOARD—Appeal reopened and permit extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION AS TO EXTENSION OF PERMIT—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(620-31-A)

WHEREAS, this appeal affecting premises 40 Corlears street and 730-738 Water street, northeast corner (Block No. 264, Lot Nos. 65 to 71, inclusive), Borough of Manhattan, was granted by the board May 3, 1932, on certain conditions, and permit reinstated December 2, 1932, May 9, 1933, and May 1, 1934, for an additional period of time, and appellant requests a further extension.

Resolved, that the resolution adopted by the board on May 3, 1932, be and it hereby is *amended* only so far as it affects the time during which this permit is to run, so that as amended it will read:

"extension of time granted until May 9, 1936, on condition that the conditions imposed in the resolution adopted by the board on May 3, 1932, shall remain in full force and effect."

Adjourned, 5:20 p. m.

EDWARD V. BARTON, Chief Clerk.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

RULES

Plumbing, Drainage, Water Supply, Gas Piping and Ventilation of Buildings.

Adopted by the Superintendents of Buildings, Effective April 23, 1912; Amended by the Board of Standards and Appeals, July 5, 1917; December 27, 1918; March 8, 1921; October 21, 1921; July 17, 1923; January 8, 1924; May 5, 1931, and November 12, 1931.

Filings of Drawings, Descriptions, Etc.

1. Drawings and triplicate descriptions, on forms furnished by the Department of Buildings for all Plumbing and Drainage, shall be properly filled in, and filed by the owner or architect in the said Department. The plans must be drawn to scale in ink, on cloth, or they must be cloth prints of such scale drawings, and shall consist of such floor plans and sections as may be necessary to show clearly all plumbing work to be done, and must show partitions and methods of ventilating water-closet apartments.

2. The said plumbing and drainage shall not be commenced or proceeded with until said drawings and descriptions shall have been so filed and approved by the Commissioner of Buildings.

3. No modification of the approved drawings and descriptions will be permitted unless either amended drawings and triplicate descriptions, or an amendment to the original drawings and descriptions, covering the proposed change or changes, are so filed and approved by the Commissioner of Buildings.

4. The drainage and plumbing of all buildings, both public and private, shall be executed in accordance with the rules and regulations of the Department of Buildings.

5. Repairs or alterations of plumbing or drainage may be made without filing drawings and descriptions in the Bureau of Buildings, but such repairs or alterations shall not be construed to include cases where new vertical lines or horizontal branches of soil, waste, vent or leader pipes are proposed to be used.

6. Notice of such repairs or alterations shall be given to the said bureau before the same are commenced in such cases as shall be prescribed by the rules and regulations of the said bureau, and the work shall be done in accordance with the said rules and regulations.

7. Where repairs or alterations, ordered by the Board of Health or Tenement House Department for sanitary reasons, include cases where new vertical and horizontal lines of soil, waste, vent or leader pipes are proposed to be used or old ones replaced, drawings and descriptions must be filed with and approved by the Commissioner of Buildings before the same shall be commenced or proceeded with.

8. Repairs and alterations may comply in all respects with the weight, quality, arrangement and venting of the rest of the work in the building. Except when an existing soil, waste or vent line has been damaged by fire or other causes to the extent of 50 per cent or more of its entire length, same must be replaced by new lines installed in accordance with the rules and regulations governing new lines.

9. No plumbing and drainage or any part thereof shall be commenced until the plumber who is to do the work shall sign the specifications and make affidavit that he is duly authorized to proceed with the work. Affidavit must give the name and address of owner and plumber, etc. No registered plumber shall sign the specifications and act as the agent for a plumber who has not obtained a certificate of competency from the Examining Board of Plumbers as an Employing or Master Plumber. A violation of this rule will be deemed a sufficient reason by the Commissioner of Buildings for the cancellation of a Certificate of Registration, in accordance with Chapter 803, Laws of 1896.

10. One set of specifications will be received for not more

than ten houses, and then only when on adjoining lots and houses are exactly alike.

11. Written notices must be given to the Commissioner of Buildings by the plumber when any work is begun, and at such times as the work is ready for inspection.

Definition of Terms.

12. The term "private sewer" is applied to main sewers that are not constructed by and under the supervision of the Department of Public Works.

13. The term "house sewer" is applied to that part of the main drain or sewer extending from a point two feet outside of the outer front wall of the building, vault or area to its connection with public sewer, private sewer or cesspool.

14. The term "house drain" is applied to that part of the main horizontal drain and its branches inside the walls of the building, vault or area and extending to and connecting with the house sewer.

15. The term "soil line" is applied to any vertical line of pipe having outlets above the floor of first story for water closet connections.

16. The term "waste line" is applied to any vertical line of pipe having outlets above the first floor for fixtures other than water closet.

17. The term "vent pipe" is applied to any special pipe provided to ventilate the system of piping and to prevent trap siphonage and back pressure.

Materials and Workmanship.

18. All materials must be of the best quality, free from defects, and all work must be executed in a thorough, workmanlike manner.

19. All cast-iron pipes and fittings must be uncoated, sound, cylindrical and smooth, free from cracks, and holes and other defects, and of uniform thickness.

20. Pipe, including the hub, shall weigh not less than the following average weights per linear foot:

Diameters	Weights per Linear Foot	
	Standard	Extra Heavy
2 inches.....	3 3/5	5 1/2 pounds
3 inches.....	5 1/5	9 1/2 pounds
4 inches.....	7	13 pounds
5 inches.....	9	17 pounds
6 inches.....	11	20 pounds
7 inches.....	14	27 pounds
8 inches.....	17	33 1/2 pounds
10 inches.....	23	45 pounds
12 inches.....	33	54 pounds

Standard pipe may be used above ground in residence buildings not exceeding two stories and basement in height. In all other buildings extra heavy pipe shall be used.

21. The size, weight and maker's name must be cast on each length of pipe.

22. All joints must be made with picked oakum and molten lead and be made gas tight. Twelve ounces of fine, soft pig lead must be used at each joint for each inch in the diameter of the pipe when extra heavy pipe is used, and nine ounces when standard pipe is installed.

23. All wrought iron and steel pipes must be equal in quality to "standard" and must be properly tested by the manufacturer. All pipe must be lap-welded. No plain black or uncoated pipe will be permitted.

24. All wrought iron or steel water supply, vent, waste and soil pipes must be galvanized.

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25. Where galvanized wrought iron or steel pipe is required the fittings used on same must also be galvanized.

26. Fittings for waste or soil and refrigerator waste pipes must be cast-iron recessed and threaded drainage fittings, with smooth interior waterway, and threads tapped, so as to give a uniform grade to branches of not less than one-fourth of an inch per foot.

27. Short nipples on wrought iron or steel pipe, where the unthreaded part of the pipe is less than one and one-half inches long, must be of the thickness and weight to correspond to weight of pipe.

28. The pipe shall not be less than the following average thickness and weight per linear foot:

Diameters	Thicknesses	Weights per Linear Foot
1½ inches.....	.14 inches	2.68 pounds
2 inches.....	.15 inches	3.61 pounds
2½ inches.....	.20 inches	5.74 pounds
3 inches.....	.21 inches	7.54 pounds
3½ inches.....	.22 inches	9.00 pounds
4 inches.....	.23 inches	10.66 pounds
4½ inches.....	.24 inches	12.34 pounds
5 inches.....	.25 inches	14.50 pounds
6 inches.....	.28 inches	18.76 pounds
7 inches.....	.30 inches	23.27 pounds
8 inches.....	.32 inches	28.18 pounds
9 inches.....	.34 inches	33.70 pounds
10 inches.....	.36 inches	40.06 pounds
11 inches.....	.37 inches	45.02 pounds
12 inches.....	.37 inches	48.98 pounds

29. All brass pipe for soil, waste and vent pipes and solder nipples must be thoroughly annealed, drawn, brass tubing, of standard iron-pipe gauge.

30. Connections on brass pipe and between brass pipe and traps on iron pipe must not be made with slip joints of couplings. Threaded connections on brass pipe must be of the same size as iron pipe thread for same size of pipe and be tapered.

31. The following average thicknesses and weights per linear foot will be required:

Diameters	Thicknesses	Weights per Linear Foot
1½ inches.....	.14 inches	2.84 pounds
2 inches.....	.15 inches	3.82 pounds
2½ inches.....	.20 inches	6.08 pounds
3 inches.....	.21 inches	7.92 pounds
3½ inches.....	.22 inches	9.54 pounds
4 inches.....	.23 inches	11.29 pounds
4½ inches.....	.24 inches	13.08 pounds
5 inches.....	.25 inches	15.37 pounds
6 inches.....	.28 inches	19.88 pounds

32. Where light or heavy pipe is used, brass ferrules must be of best quality cast brass, not less than 4 inches long and 2 inches and 3 inches and 4 inches in inside diameter and not less than the following weights:

Diameters	Weights	
2 inches.....	1 pound	0 ounces
3 inches.....	1 pound	12 ounces
4 inches.....	2 pounds	8 ounces

33. One and one-half inch ferrules are not permitted.

34. Soldering nipples must be heavy cast brass or of brass pipe, iron pipe-size. When cast they must not be less than the following weights:

Diameters	Weights	
1½ inches.....	0 pound	8 ounces
2 inches.....	0 pound	14 ounces
2½ inches.....	1 pound	6 ounces
3 inches.....	2 pounds	0 ounces
4 inches.....	3 pounds	8 ounces

35. Brass screw caps for cleanouts must be extra heavy, not less than one-eighth of an inch thick. The screw cap must have a solid square or hexagonal nut, not less than one inch high, with a least diameter of one and one-half inches. The body of the cleanout ferrule must be at least equal in weight and thickness to the caulking ferrule for the same size of pipe.

36. Where cleanouts are required by rules and by the approved plans, the screw cap must be of brass. The engaging part must have not less than six threads of iron-pipe size and be tapered. Cleanouts must be of full size of trap up to four inches in diameter, and not less than four inches for larger traps.

37. The use of lead pipes is restricted to the short branches of the soil and waste pipes, bends and traps, roof connections of inside leaders.

"Short branches" of lead pipe shall be construed to mean not more than:

8 feet of.....	1½ inch pipe
5 feet of.....	2 inch pipe
2 feet of.....	3 inch pipe
2 feet of.....	4 inch pipe

38. All connections between lead pipes and between lead and brass or copper pipes must be made by means of "wiped" solder joint.

39. All lead waste, soil, vent and flush pipes must be of the best quality, known in commerce as "D," and of not less than the following weights per linear foot:

Diameters	Weights per Linear Foot
1¼ inch (for flush pipes only).....	2½ pounds
1½ inches.....	3 pounds
2 inches.....	4 pounds
3 inches.....	6 pounds
4 and 4½ inches.....	8 pounds

40. All lead traps and bends must be of the same weights and thicknesses as their corresponding pipe branches. Sheet lead for roof flashings must be six-pound lead, and must extend not less than six inches from the pipe, and the joint made watertight.

41. Copper tubing, when used for inside leader roof connections, must be seamless drawn tubing, not less than 22 gauge, and when used for roof flashings must be not less than 18 gauge.

General Regulations.

42. Each building must be separately and independently connected with a public or private sewer, or cesspool, except where a building is located on the rear of the same lot with another building, when its plumbing and drainage system may be connected to the house-drain of the front build-

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ing behind the house trap and fresh air inlet which shall be used for both buildings if sewer connected; or may be connected to an existing cesspool of front house and be provided with a separate house trap and fresh air inlet.

43. Every building must have its sewer connections directly in front of the building, unless permission is otherwise granted by the Commissioner of Buildings.

44. Where there is no sewer in the street or avenue, and it is possible to construct a private sewer to connect in an adjacent street or avenue, a private sewer may be constructed, to be used in common for one or more buildings. It must be laid outside the curb under the roadway.

45. Cesspool and privy vaults will be permitted only after it has been shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary.

46. When allowed, they must be constructed strictly in accordance with the terms of the permit issued by the Commissioner of Buildings.

47. Cesspools must not be used as privy vaults nor can privy vaults be used as cesspools. Cesspool and privy vaults must be located at least 15 feet from any building and on the same lot as building for which their use is intended. Walls of cesspools and privy vaults when constructed of brick must be 8 inches thick; if of stone, 18 inches thick. Bottoms of cesspools and privy vaults must be of stone concrete 6 inches thick. The entire interior surface of cesspools and privy vaults must be finished with a coating of Portland cement mortar 1 inch thick.

48. As soon as it is possible to connect with a public sewer, the owner must have the cesspool and privy vault emptied, cleaned and disinfected and filled with fresh earth, and have a sewer connection made in the manner herewith prescribed.

49. All pipe lines must be supported at the base on brick piers, or by heavy iron hangers from the cellar ceiling-beams, and along the line by heavy iron hangers at intervals of not more than ten feet.

50. All pipes, issuing from extensions or elsewhere, which would otherwise open within 20 feet of the window of any building, must be extended above the top of any window located within such distance. When a building exceeds in height that of an adjoining building, and windows or openings are cut in the wall on the lot line within 20 feet of the roof terminal of any soil, waste or vent line now in place or subsequently installed in the lower building, the owner of the higher building shall defray the expense of extending said soil, waste or vent lines above the roof of the higher building, or shall himself make such alteration.

51. The arrangement of all pipes must be as straight and direct as possible. Offsets will be permitted only when unavoidable.

52. All pipes and traps should, where possible, be exposed to view. They should always be readily accessible for inspection and repairing.

53. In every building where there is a leader connected to the drain, if there are any plumbing fixtures, there must be at least one four (4) inch pipe extending above the roof for ventilation.

Yard, Area and Other Drains.

54. All yards, areas and courts exceeding 15 square feet in area must be drained into the sewer. A shaft open at the top not exceeding 25 square feet in area, and which cannot be connected in back of a leader, yard, court or area drain trap, may be drained into a publicly-placed, water-supplied, properly-trapped and vented slop sink.

55. These drains, when sewer-connected, must have con-

nections not less than three inches in diameter. They should be controlled by one trap—the leader trap, if possible.

56. Floor drains will only be permitted when it can be shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary and arrangements made to maintain a permanent water seal in the traps.

57. Cellar drains may be connected in back of and controlled by a leader, yard, court or area drain trap which need not be vented.

58. Subsoil drains should discharge into a sump or receiving tank, the contents of which if discharged by gravity may be discharged into a rain leader, yard, court or area drain behind the trap controlling same or may be discharged through a properly-trapped and vented, water-supplied receptacle. Where mechanical force is required to discharge the contents into the plumbing and drainage system, a proper automatic cut-off or check valve must be provided on the connection between house-drain and apparatus used for raising the contents of sump-pit.

59. The contents of settling chamber or dust receptacle for vacuum cleaners may be discharged into a Plumbing and Drainage system, the same as sub-soil drain sump-pits.

Leaders.

60. Every building shall be kept provided with proper metallic gutters and rain leaders for conducting water from all roofs in such manner as shall protect the walls and foundations from injury. In no case shall the water from any rain leader be allowed to flow upon the sidewalk or adjoining property, but the same shall be conducted by proper pipes to the sewer. If there be no sewer in the street upon which the building fronts, then the water from said leaders may be conducted by proper pipes laid below the surface of sidewalk to the street gutter, or may be conducted by extra heavy cast-iron pipe to a leeching cesspool located at least 20 feet from any building. No plumbing fixtures shall discharge into a leeching cesspool.

61. Inside leaders must be made of cast-iron, wrought iron or steel, with roof connections made gas and water tight by means of a heavy lead or copper-drawn tubing wiped to a brass ferrule or nipple caulked or screwed into the pipe.

62. Outside leads may be made of sheet metal, but they must connect with the house drain by means of a cast-iron pipe extending vertically five feet above the grade level.

63. Leaders must be trapped with cast-iron running traps so placed as to prevent freezing.

64. Rain-water leaders must not be used as soil, waste or vent pipes, nor shall any such pipe be used as a leader.

The House Sewer, House Drain, House Trap and Fresh Air Inlet.

65. Old house sewers may be used in connection with new buildings or new plumbing only when they are found, on examination by the plumbing inspector, to conform in all respects to the requirements governing new sewers.

66. When a proper foundation consisting of a natural bed of earth, rock, etc., can be obtained, the house sewer can be of earthenware pipe.

67. Where the ground is made or filled in, or where the pipes are less than three feet deep, or in any case where there is danger of settlement by frost or from any cause, and when cesspools are used, the house sewer must be of extra heavy cast-iron pipe, with lead-caulked joints.

68. No earthenware house-drain, when found in a leaky or defective condition, shall be repaired or replaced except with heavy cast-iron pipe.

69. The house-drain and its branches must be of extra heavy cast iron when under ground, and of extra heavy

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cast iron or galvanized wrought iron or steel when above ground, except as provided in Rule 20 of these rules.

70. The house drain must properly connect with the house sewer at a point two feet outside of the outer front vault or area wall of the building. An arched or other proper opening must be provided for the drain in the wall to prevent damage by settlement.

71. The house drain if above the cellar floor must be supported at intervals of ten feet by eight-inch brick piers or suspended from the floor beams, or be otherwise properly supported by proper hangers placed not more than 10 feet apart.

72. No steam-exhaust, boiler blow-off or drip-pipe shall be connected with the house-drain. Such pipes must first discharge into a proper condensing tank, and from this a proper outlet to the house sewer outside of the building must be provided. In low pressure steam systems the condensing tank may be omitted, but the waste connections must be otherwise as above required.

73. The house-drain and house-sewer must be run as direct as possible, with a fall of at least one-quarter inch per foot, all changes in direction made with proper fittings, and all connections made with Y branches and one-eighth and one-sixteenth bends.

74. The house-sewer and house-drain must be at least four inches in diameter when receiving the discharge of a water-closet. Where rain leaders are connected to the plumbing system, the sizes of house-sewer, house-drain and leader connections shall be computed according to the square feet of area drained into them. No house-sewer or house-drain shall be of less diameter than the largest line of pipe connected thereon. The following table is the maximum area allowed to drain into pipes of given diameter:

Diameter of Pipe	Fall ¼ Inch per Foot	Fall ½ Inch per Foot
3.....	1,200 square feet	1,500 square feet
4.....	2,500 square feet	3,200 square feet
5.....	4,500 square feet	6,000 square feet
6.....	8,000 square feet	10,000 square feet
7.....	12,400 square feet	15,600 square feet
8.....	18,000 square feet	22,500 square feet
9.....	25,000 square feet	31,500 square feet
10.....	41,000 square feet	59,000 square feet
12.....	69,000 square feet	98,000 square feet

75. Full size Y and T branch fittings for handhole cleanouts must be provided where required on house-drain and its branches. No cleanout need be larger than 6 inches in diameter.

76. An iron running trap must be placed in the house-drain near the front wall of the house, and on the sewer side of all connections, except a Y fitting used to receive the discharge from an automatic sewage lift, oil separator, or a drip-pipe where one is used. If placed outside of the house or below the cellar floor, it must be made accessible in a brick manhole, the walls of which must be eight inches thick, with an iron or flagstone cover. When outside the house it must never be less than three feet below the surface of the ground.

77. When the plumbing system of any building is altered by the addition of a new soil, waste or vent line to the extent of 50 per cent. or more, and no house trap and fresh air inlet or leader trap exists on the house-drain, same shall be provided.

78. The house trap must have two cleanouts, with brass screw cap ferrules caulked in.

79. A fresh-air inlet pipe must be connected with the house-drain just inside of the house trap and extended to the outer air, terminating with open end at least one foot

above the grade at most available point to be approved by the Commissioner of Buildings and shown on plans. The fresh-air inlet pipe shall be one-half the diameter of house-drain but not less than 4 inches in diameter.

80. No curb box or similar device with grating placed in sidewalk will be permitted for fresh air inlets.

Soil and Waste Lines.

81. All main, soil, waste or vent pipes must be of iron, steel or brass.

82. When they receive the discharge of fixtures on any floor above the first, they must be extended in full calibre at least one foot above the roof coping, and well away from all shafts, windows, chimneys or other ventilating openings. When less than four inches in diameter, they must be enlarged to four inches at a point not less than one foot below the roof surface by an increaser not less than nine (9) inches long.

83. No caps, cowls or bends shall be affixed to the top of such stack.

84. In all buildings, wire baskets must be securely fastened into the opening of each pipe in an accessible position. When roofs are used for drying purposes or roof gardens, all pipes shall be extended to a height of seven feet.

85. Necessary offsets above the highest branch must not be made at an angle of less than forty-five degrees to the horizontal.

86. Soil and waste pipes must have proper Y or TY branches for all fixture connections.

87. No connection to lead branches for water-closets or slop sinks will be permitted, except the required branch vent.

88. Branch soil and waste pipe must have a fall of at least one-quarter inch per foot.

89. Short TY branches will be permitted on vertical lines only. Long one-quarter bends and long TY's are permitted. Short one-quarter bends and double hubs, short roof increasers and common offsets, and bands and saddles are prohibited.

90. The diameters of soil and waste pipes must not be less than those given in the following table:

Main soil stacks in buildings serving not more than two sets of fixtures in four or less stories	4	inches
Main soil stacks in residence buildings serving not more than two sets of fixtures in five or six stories.....	4	inches
Main soil stacks in all other cases.....	5	inches
Branch soil pipes for not more than four water-closets	3	inches
Branch soil pipes for more than four water-closets	4	inches
Main waste stacks.....	2	inches
Main waste stacks for kitchen sinks on six or more floors.....	3	inches
Branch waste pipes for slop sinks.....	3	inches
Branch waste pipes for laundry tubs.....	1½	inches
When set in ranges of three.....	2	inches
Branch waste for kitchen sinks.....	2	inches
Branch waste for urinals.....	2	inches
Branch waste for other fixtures.....	1½	inches

A set of fixtures, as used in this rule, shall include not more than one water-closet, one bath tub, one wash basin, one sink and two laundry trays.

Vent Pipes.

91. All traps, except approved anti-syphon traps connected to main waste or soil lines or to the house drain

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by branch piping not over seven (7) feet in length with a fall not exceeding two (2) inches per foot, shall be protected from siphonage and back-pressure by special lines of vent pipes; provided that where approved deep-seal siphon-pet water closet or slop sink fixtures are installed with branch piping not over five (5) feet in length from fixture to main soil or waste line, the vent pipe may be omitted for such fixtures in buildings not over eight (8) stories in height, and where the main soil or waste line is made one inch larger in diameter than required by these rules, the vent pipe may also be omitted for such fixtures in buildings over eight (8) stories in height.

92. All vent pipe lines and main branches must be of iron, steel or brass. They must be increased in diameter and extended above the roof as required for waste pipes. They may be connected with the adjoining soil or waste line well above the highest fixture, but this will not be permitted when there are fixtures on more than six floors.

93. All offsets must be made at an angle of not less than forty-five degrees to the horizontal, and all lines must be connected at the bottom with a soil or waste pipe or the drain in such a manner as to prevent the accumulation of rust scale.

94. Branch vent pipes shall be kept above the top of all connecting fixtures, so as to prevent the use of vent pipes as soil pipes or waste pipes. Branch vent pipes should be connected not less than six inches nor more than two feet from crown of trap or side of lead bend.

95. Except where "yoke type" ventilation is installed, vent connection for water-closets and slop sinks must be made from the branch soil or waste pipe just below the trap of the fixture, and the branch vent pipe must be so connected as to prevent obstruction, and no waste pipe connected between it and the fixture. Earthenware traps must have no vent horns.

"Yoke type" ventilation shall be taken to mean a cross connection, by means of a horizontal branch soil or waste pipe, between the main soil or waste line and the vent line, and in which the connection between the branch pipe and the vent line is made at least six (6) inches above the line of fixtures discharging into such branch pipe.

96. No sheet metal, brick or other flue shall be used as a vent pipe.

97. The sizes of vent pipes throughout must not be less than the following:

For main vents, two inches in diameter; for water-closets on three or more floors, three inches in diameter; for other fixtures on less than seven floors, two inches in diameter; three-inch vent pipe will be permitted for less than nine stories; for more than eight and less than sixteen stories, four inches in diameter; for more than fifteen and less than twenty-two stories, five inches in diameter; for more than twenty-one stories the size of the vent pipe shall be determined by the Commissioner of Buildings.

For fixtures other than water-closets and slop sinks and for more than eight stories, vent pipes may be one inch smaller in diameter than above stated.

For long branch vent pipes over 10 feet in length but not exceeding 25 feet, two inches in diameter; when over 25 feet in length but not exceeding 50 feet, three inches in diameter. No branch vent pipe can exceed 50 feet in length, nor can any main vent be of less diameter than the largest branch vent connecting to same.

98. When the plumbing fixtures installed in any building are arranged in groups of batteries, "yoke type" ventilation may be installed, provided that for batteries of water-closets each fixture shall be set not more than two (2) feet distant from the horizontal branch soil pipe into which it discharges, and for batteries of fixtures other than water-

closets each fixture shall be so located that its trap will be not more than two (2) feet distant from the horizontal branch waste line into which it discharges. When the ordinary type of venting is installed and the number of branch or back vents from the traps of fixtures connecting to any main branch vent exceeds the number and size given in the following table, a 3-inch main branch vent must be provided for the additional vent connections.

2-1½ inch branches on a 1½ inch main branch.	
4-2 inch branches on a 2 inch main branch.	
7-1½ inch branches on a 2 inch main branch.	
2-2 } inch branches on a 2 inch main branch.	
4-1½ } inch branches on a 2 inch main branch.	
1-2 } inch branches on a 2 inch main branch.	
5-1½ } inch branches on a 2 inch main branch.	

Traps.

99. No form of trap will be permitted to be used unless it has been approved by the Commissioner of Buildings or the Board of Standards and Appeals.

No anti-siphon trap or deep-seal siphon-jet fixture shall be approved until it has successfully passed such test as may be prescribed by the Board of Standards and Appeals.

100. No masons' cesspool, bell, pot, bottle or D-trap will be permitted, nor any form of trap that is not self-cleaning, nor that has interior chamber or mechanism, nor any trap except earthenware ones that depend upon interior partitions for a seal. Backwater or tide valves will only be permitted when it can be shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary and of a type as approved by him.

101. Every fixture must be separately trapped by a water-sealing trap placed as close to the fixture outlet as possible, and no trap shall be placed more than 2 feet 0 inches from any fixture.

102. A set of not more than three wash trays may connect with a single trap, or into the trap of an adjoining sink, provided both sink and tub waste outlets are on the same side of the waste line, and the sink is nearest the line. When so connected, the waste pipe from the wash trays must be branched in below the water-seal.

103. The discharge from any fixture must not pass through more than one trap before reaching the house-drain.

104. All traps must be well supported and set true with respect to their water levels.

105. All fixtures, other than water-closets and urinals, must have strong metallic strainers or bars over the outlets to prevent obstruction of the waste pipe.

106. All exposed or accessible traps, except water-closet traps, must have brass trap screws for cleaning the trap placed on the inlet side, or below the water level.

107. All iron traps for house-drain, yard and other drains and leaders must be running traps with handhole cleanouts of full size of the traps, when same are less than five (5) inches. All traps under ground must be made accessible by brick manholes with proper covers.

108. Overflow pipes from fixtures must in all cases be connected on the inlet side of traps.

109. All earthenware traps must have approved heavy brass floor plates properly secured to the branch soil pipe and bolted to the trap flange, and the joint made gas-tight. The use of rubber washers for floor connections is prohibited. All floor flanges must be set in place and inspected before any water-closet is set thereon.

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110. No trap shall be placed at the foot of main soil and waste pipe lines.

111. Every plunge bath shall be provided with a trap at least four inches in diameter, the waste from trap to bath to be reduced to two inches in diameter and this waste to be controlled by a gate valve. Overflow pipes, if provided, must be connected on inlet side of trap. Except where an approved anti-siphon trap is installed in the manner specified in Rule 91, such trap must be ventilated by a separate vent line extended above the roof, of the same size as trap and water connection.

112. The sizes for traps must not be less than those given in the following table:

Traps for water-closets.....	4	inches in diameter
Traps for slop sinks.....	3	inches in diameter
Traps for kitchen sinks.....	2	inches in diameter
Traps for wash trays.....	2	inches in diameter
Traps for urinals.....	2	inches in diameter
Traps for shower-baths.....	2	inches in diameter
Traps for other fixtures.....	1½	inches in diameter

Traps for leaders, area, floor and other drains must be at least 3 inches in diameter.

113. Every dental cuspidor must be separately trapped by a trap of at least one and one-half (1½) inches in diameter, which shall be vented except where an approved anti-siphon trap is installed in the manner specified in Rule 91, and placed as close to the fixture as possible. The connection between trap and cuspidor may be three-quarters (¾) of an inch in diameter.

114. No plumbing fixtures, except bar sinks, soda fountains or drinking fountains, shall be installed with an indirect waste connection to the plumbing and drainage system. The waste of every bar sink, soda fountain and drinking fountain, if not directly connected, must discharge over a properly water-supplied, trapped sink, with trap vented, unless an approved anti-siphon trap is installed in the manner specified in Rule 91. The main waste lines shall be two (2) inches in diameter, and the branches to fixtures at least one and one-half (1½) inches in diameter. Drinking fountains must be trapped and the waste line extended through the roof. No vent connections need be provided.

Safe and Refrigerator Waste Pipes.

115. Safe and refrigerator waste pipes must be of galvanized iron, and be not less than 1¼ inches in diameter nor larger than 1½ inches in diameter with pipe branches at least 1 inch in diameter with strainers over each inlet.

116. Safe and refrigerator waste pipes shall not be trapped. They must discharge over a properly water-supplied, trapped sink, with trap vented unless an approved anti-siphon trap is installed in the manner specified in Rule 91, such sink to be publicly placed, and not more than 4 feet above the floor. In no case shall any refrigerator or safe waste pipe discharge over a sink located in a room used for living purposes.

117. The branches on vertical lines must be made by Y or TY fittings and carried up to the safe with as much pitch as possible.

118. Lead safes must be graded and neatly turned over bevel strips at their edges.

119. Where there is an offset on a refrigerator waste pipe in the cellar, there must be cleanouts to control the horizontal part of the pipe.

120. In all lodgings and tenement houses the safe and refrigerator waste pipes must extend above the roof.

Water Closets, Sinks and Washtubs.

(Good except as relating to tenement houses and factories.)

121. In all buildings occupied as stores, dwellings, lodging or boarding houses, hotels, offices, lofts, workshops, factories or storage houses, there must be at least one water-closet in each building. There must be sufficient water-closets so that there will never be more than fifteen persons to each water-closet. In places of public assembly, the number of toilets and the most available location are to be determined by the Commissioner of Buildings.

122. Separate water-closets and toilet rooms must be provided for each sex in buildings used as workshops, lofts, office buildings, factories, hotels, and all places of public assembly.

123. In lodging houses, there must be one water-closet on each floor, and where there are more than fifteen persons on any floor there must be an additional water-closet on that floor for every fifteen additional persons or fraction thereof.

124. In tenement houses, lodging houses, factories, workshops, and all public buildings, the entire water-closet apartment, and side walls to a height of six inches from the floor, except at the door, must be made waterproof with asphalt, cement, tile, metal or other waterproof material as approved by the Commissioner of Buildings.

125. In all buildings, the water-closet and urinal apartments must be ventilated to the outer air by windows opening on the same lot upon which the building is situated or by a ventilating skylight placed over each room or apartment wherein such fixtures are located.

126. In all buildings, the outside partition of any water-closet or urinal apartment must be air-tight and extend to the ceiling or be independently ceiled over. When necessary to properly light such apartments, the upper part of the partitions must be provided with translucent glass. The interior partitions of such apartments must be dwarfed partitions.

127. The general water-closet accommodation of any building cannot be placed in the cellar, nor can any water-closet be placed outside of a building except to replace an existing water-closet.

128. In alteration work where it is not practicable to ventilate a water-closet or urinal apartment by windows or a skylight directly to the outer air, there may be provided a galvanized wrought iron vent duct extended to the outer air which must be equal in area to at least 144 inches for one water-closet or urinal, and an additional 72 square inches for each water closet added therein.

129. Where water-closets will not support a rim-seat, the seat must be supported on galvanized iron legs.

130. Every earthenware water-closet with connection through the floor in all new work, and in all alterations, must be set on an approved floor slab of porcelain, slate or other material impervious to moisture, same to be not less in size than the base of the water-closet set thereon.

131. All water-closets must have earthenware flushing rim bowls. They must be set entirely free and open from all enclosing woodwork.

132. Pan, plunger, offset-washout and washout, or other water-closets having an unventilated space, or the walls of which are not thoroughly washed out at each discharge, will not be permitted.

133. Long hopper water-closets will not be permitted, except earthenware hoppers where there is an exposure to frost.

134. Drip trays on water-closets will not be permitted.

135. Water-closets and urinals must never be connected directly with or flushed from the water-supply pipes, except when flushometer valves are used.

136. Each water-closet and urinal must be flushed from a separate cistern, the water from which is used for no other purpose, or may be flushed through flushometer valves.

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137. Where "Flushometers" are used, they must be supplied from tank pressure, unless otherwise permitted by the Commissioner of Buildings; the rising lines shall be at least one and one-half inches in diameter, and the main branches shall be at least one and one-quarter inches in diameter, with individual branches not less than one inch in diameter, for water-closets and not less than one-half inch in diameter for urinals. Individual branches shall not exceed twelve inches in length.

138. The overflow of cisterns may discharge into the bowl of the closet, but in no case connect with any part of the drainage system.

139. Iron water-closet and urinal cisterns and automatic water-closet and urinal cisterns are prohibited, unless approved by the Commissioner of Buildings.

140. The copper lining of water-closet and urinal cisterns must not be lighter than ten (10) ounce copper.

141. Water-closet flush pipes must not be less than one and one-fourth inches and urinal flush pipes one (1) inch in diameter, and if of lead must not weigh less than two and one-half pounds and two pounds per linear foot. Flush couplings must be of full size of the pipe.

142. Rubber connections and elbows are not permitted on flush pipes.

143. Latrines, trough water-closets and similar appliances may be used only on written permit from the Commissioner of Buildings, and must be set and arranged as may be required by the terms of the permit.

144. All urinals must be constructed of materials impervious to moisture, and that will not corrode under the action of urine. The floor and wall of the urinal apartments must be lined with similar non-absorbent and non-corrosive material.

145. The platforms of treads of urinal stalls must never be connected independently to the plumbing system, nor can they be connected to any safe waste pipe.

146. Iron trough water-closets and trough urinals must be enameled or galvanized.

147. In all houses, sinks must be entirely open, on iron legs or brackets without any inclosing woodwork.

148. Wooden wash tubs are prohibited, except when used in hotels, restaurants or bottling establishments for washing dishes or bottles. Cement or artificial stone tubs will not be permitted unless approved by the Commissioner of Buildings.

Water Supply for Fixtures.

149. All water-closets and other plumbing fixtures must be provided with a sufficient supply of water for flushing to keep them in a proper and cleanly condition.

Flush tanks must have a capacity of eight gallons for water-closets and five gallons for urinals.

150. House service pipes must be connected to the street mains by means of taps, and a stop-cock or valve placed under the sidewalk at the curb, in compliance with the rules and under the supervision of the Department of Water Supply, Gas and Electricity.

151. A separate stop or valve must be placed upon the service pipe inside the front wall.

152. The diameters of street service pipes must not be less than three-quarter inch for dwellings and tenements occupied by six families or less; one inch for tenements and one and one-half inch for hotels, factories and other miscellaneous buildings, provided that in no case can the diameter of the service pipes be less than the diameter of the tap installed under the supervision of the Department of Water Supply, Gas and Electricity.

Riser Lines.

153. The diameter of all riser lines in plumbing systems shall be not less than three-quarters ($\frac{3}{4}$) inches; except that when lead or brass pipe is used, the minimum diameter may be one-half ($\frac{1}{2}$) inch.

Separate stop-cocks or valves, so located as to be accessible at all times, shall be placed at the foot of each riser line and, in all buildings other than residence buildings occupied exclusively by one or two families or having not more than fifteen sleeping rooms, on each branch line from the riser for each isolated fixture or each group of fixtures, such as bathroom fixtures, kitchen fixtures, etc.; except that only one stop cock or valve shall be required for the fixtures contained in any one apartment, suite, store or loft occupied by one tenant when all the fixtures contained in each such apartment, suite, store or loft are supplied from one branch line.

154. Diameters of branches to any fixtures must not be less than one-half inch, except when used to supply water-closets, cisterns or lavatories. When the material used is lead or brass pipe, the minimum diameter may be three-eighths inch. Branches for flush valves for water-closets must not be less than one and one-quarter inch in diameter and for urinals not less than three-quarters of an inch in diameter.

155. Where a hot water supply system is installed, the distance between the hot and cold water risers should not be less than six inches. Where it is impossible to place them six inches or more apart, the hot water riser must be covered with an approved insulating material and a method of circulation provided that will insure a prompt delivery of hot water at the faucet when required.

All hot water systems in buildings of more than four stories in height shall be of an approved circulating type. In buildings of four stories or less where the developed length of hot water piping exceeds 100 feet from the boiler to the fixture, an approved circulating system shall be installed.

(In connection with this amendment adopted November 12, 1931, all present installations where complying with the current rules may be maintained until April 1, 1933, with the proviso that should the Commissioner of the Department of Water Supply, Gas and Electricity deem an emergency exists the rule shall become effective on thirty days' notice of such emergency to the Commissioner of Buildings).

156. All risers and branches must be properly fastened.

157. When the water pressure is not sufficient to supply freely and continuously all fixtures, a house supply tank must be provided of sufficient size to afford an ample supply of water to all fixtures at all times. Such tanks must be supplied from the pressure or by power pumps, as may be necessary; when from the pressure, ball cocks must be provided.

158. House supply tanks must be metal-covered so as to exclude dust and so located as to prevent water contamination by gas and odors from plumbing fixtures.

159. House supply tanks must be of wood or iron, or of wood lined with tinned and planished copper.

160. House tanks must be supported on iron beams.

161. The overflow pipe should discharge upon the roof, where possible, and in such cases should be brought down to within six (6) inches of the roof, or it must be trapped and discharged over an open and water-supplied sink not in the same room, nor over three and one-half feet above the floor. In no case shall the overflow be connected with any part of the plumbing system.

162. Emptying pipes for such tanks must be provided and be discharged in the manner required for overflow pipes, and may be branched into overflow pipes. Emptying pipes for tanks containing more than five hundred (500) gallons must be four (4) inches in diameter and provided with a valve of same size fitted with a wheel or lever handle.

163. Acid wastes must be "B" lead pipe or earthen pipe; if of lead pipe they must be at least two inches in diameter, and if of earthen pipe at least three inches in diameter and continued down to the lower story of building and

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so arranged as to discharge into a lime box and diluting sink properly trapped and vented and connected inside of house trap. If the lime box and diluting sink are not used the acid waste must be extended to an earthen house sewer or separately and independently connected to a public or private sewer in street and provided with an accessible running trap located just inside of front wall of building. All branches and joints on lead acid wastes must be made by means of burnt lead joints. If earthenware pipe is used, vertical joints must be made with a mixture of asphaltum and cement. Each length of pipe on vertical runs and on horizontal runs when above the cellar floor must be supported at each hub by proper supports. All floor drains and fixture connections must be trapped and run as direct as possible.

Sewage Lifts.

164. When it is necessary to use a sump system and sewage lift to receive the discharge from the waste or soil connection to fixtures, same shall be arranged to be accessible. If discharged with compressed air it shall be connected to the house drain on the sewer side of all leader or area drain traps and fixture connections or may be connected to house drain on the sewer side of house trap. A separate trap and fresh air inlet must be provided on the inlet side of sump and a 4-inch pipe line continued from drain discharging into sump up to and above roof, for purposes of ventilation. Relief pipes must be provided on sewage receptacles of sumps. Traps of fixtures connected to sump systems must not be vented to vent lines which are used to ventilate traps of fixtures on gravity system. Sump systems should be entirely separate both as to discharge and venting from rest of plumbing system in buildings.

Oil Separators.

165. Oil separators installed in any building where volatile fluids are used must be arranged to be readily accessible. They must not receive the discharge of any water-closet, rain leader, yard, court or area drain.

166. They must, if discharged by gravity, be connected by a Y branch fitting to the house drain behind the house trap in such a manner that they will not interfere with the house drain and the rest of the plumbing and drainage system. When mechanical force is used to discharge the contents, the connection must be made by a Y branch fitting on the sewer side of house trap.

167. No separate running trap need be provided on the drain entering oil separators, but a separate fresh air inlet and vent line must be provided to keep the system of drainage controlled by the oil separator entirely separate from the rest of plumbing and drainage system.

168. The size of fresh air inlet shall be determined by the size of inlet connection to oil separator, which shall be considered the same as the term house-drain for determining the size of all fresh air inlets, which shall conform to the same requirements as regards size and arrangement of terminals for fresh air inlets as called for in regulations.

169. Vent lines shall conform in all respects to vent lines for plumbing fixtures as regards size and arrangement.

170. Relief pipes must be provided at least 1½ inches in diameter. They may be connected to a vent line when installed as a separate system or must be carried independently above the roof.

Testing the Plumbing System.

171. The entire plumbing and drainage system within the building must be tested by the plumber, in the presence of a Plumbing Inspector, under a water test. All pipes must remain uncovered in every part until they have successfully passed the test. The plumber must securely close all openings, as directed by the Inspector of Plumbing. The use of wooden plugs for this purpose is prohibited.

172. The water test will be applied by closing the lower end of the main house drain and filling the pipes to the highest opening above the roof with water. The water test shall include at one time the house drain and branches, all vertical and horizontal soil, waste and vent and leader lines and all branches therefrom to a point above the surface of the finished floor and beyond the finished face of walls and partitions. If the drain or any part of the system is to be tested separately, there must be a head of water at least six (6) feet above all parts of the work so tested, and special provision must be made for including all joints and connections in at least one test.

173. After the completion of the plumbing work in any new or altered building and before the building is occupied, a final smoke test must be applied in the presence of a Plumbing Inspector. Except that for a building not over six stories in height, a peppermint test may be applied.

174. The material and labor for the test must be furnished by the plumber. When the peppermint test is used, two ounces of oil of peppermint must be provided for each line up to five stories and cellar in height and an additional ounce of oil of peppermint must be provided for each line when lines are more than five stories in height.

Plumbing in Tenement Houses.

175. All sections or parts of sections of the tenement house law relating to plumbing and drainage of tenement houses are to be observed, and are hereby made a part of these rules and regulations.

Gas Piping and Fixtures.

176. Hereafter the gas piping and fixtures in all new buildings and all alterations and extensions made to the gas piping or fixtures in old buildings must be done in accordance with the following rules, which are made in accordance with the provisions of section 89 of the Building Code.

For additional requirements of public buildings, theatres and places of assemblage, see Part XXI of the Building Code.

177. Before the construction or alteration of any gas piping in any building or part of any building, a permit must be obtained from the Commissioner of Buildings. This permit will be issued only to a registered plumber. Small alterations may be made by notifying the Department of Buildings, using the same blank forms provided for alterations and repairs to plumbing.

178. All gas pipe shall be of the best quality wrought iron or steel and of the kind classed as standard pipe, and shall weigh according to the following scale:

Diameters	Weights per Linear Foot
¾ inch.....	0.56 pound
½ inch.....	0.85 pound
¾ inch.....	1.12 pound
1 inch.....	1.67 pound
1¼ inch.....	2.24 pounds
1½ inch.....	2.68 pounds
2 inch.....	3.61 pounds
2½ inch.....	5.75 pounds
3 inch.....	7.54 pounds
3½ inch.....	9.00 pounds
4 inch.....	10.66 pounds

No pipe allowed of less than ¾ inch in diameter.

179. All fittings (except stop-cocks or valves) shall be of malleable iron.

180. There shall be a heavy brass straightway cock or

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valve on the service pipe immediately inside the front foundation wall. Iron cocks or valves are not permitted.

181. Where it is not impracticable so to do, all risers shall be left not more than five feet from front wall.

182. No pipe shall be laid so as to support any weight (except fixtures) or be subjected to any strain whatsoever. All pipe shall be properly laid and fastened to prevent becoming trapped, and shall be laid, when practicable, above timbers or beams instead of beneath them. Where running lines or branches cross beams, they must do so within thirty-six inches of the end of the beams, and in no case shall the said pipes be let into the beams more than two inches in depth. Any pipe laid in a cold or damp place shall be properly dripped, protected and painted with two coats of red lead and boiled oil or tarred.

183. No gas pipe shall be laid in cement or concrete unless the pipe or channel in which it is placed is well covered with tar.

184. All drops must be set plumb and securely fastened, each one having at least one solid trap. Drops and outlets less than $\frac{3}{4}$ of an inch in diameter shall not be left more than one inch below plastering, centrepieces or woodwork.

185. All outlets and risers shall be left capped until covered by fixtures.

186. No unions or running threads shall be permitted. Where necessary to cut out to repair leaks or make extensions, pipe shall be again put together with right and left couplings.

187. No gasfitters' cement shall be used, except in putting fixtures together.

188. All gas brackets and fixtures shall be placed so that the burners of same are not less than three feet below any ceiling or woodwork, unless the same is properly protected by a shield, in which case the distance shall not be less than eighteen inches.

No swinging or folding gas brackets shall be placed against any stud partition or woodwork.

No gas brackets on any lath and plaster partition or woodwork shall be less than five inches in length, measured from the burner to the plaster surface or woodwork.

Gas lights placed near window curtains or any other combustible material shall be protected by a proper shield.

189. Gas outlets for burners shall not be placed under tanks, back of doors or within four feet of any meter.

190. All buildings shall be piped according to the following scale:

Diameter	Length	Burners
$\frac{3}{8}$ inch.....	26 feet	3
$\frac{1}{2}$ inch.....	36 feet	6
$\frac{3}{4}$ inch.....	60 feet	20
1 inch.....	80 feet	35
$1\frac{1}{4}$ inch.....	110 feet	60
$1\frac{1}{2}$ inch.....	150 feet	100
2 inch.....	200 feet	200
$2\frac{1}{2}$ inch.....	300 feet	300
3 inch.....	450 feet	450
$3\frac{1}{2}$ inch.....	500 feet	600
4 inch.....	600 feet	750

191. Outlets for gas ranges shall have a diameter not less than required for six burners, and all gas ranges and heaters shall have a straightway cock on service pipe.

192. When brass piping is used on the outside of plastering or woodwork, it shall be classed as fixtures.

193. All brass tubing used for arms and stems of fixtures shall be at least No. 18 standard gauge and full size outside so as to cut a full thread.

All threads on brass pipe shall screw in at least $\frac{5}{16}$ of an inch. All rope or square tubing shall be brazed or

soldered into fittings and distributors, or have a nipple brazed into the tubing.

194. All cast fittings, such as cocks, swing joints, double centres, nozzles, etc., shall be extra heavy brass. The plugs of all cocks must be ground to a smooth and true surface for their entire length, be free from sandholes, have less than $\frac{3}{4}$ of an inch bearing (except in cases of special design), have two flat sides on the end for the washer, and have two nuts instead of a tail screw. All stop pins to keys or cocks shall be screwed into place.

195. After all piping is fitted and fastened and all outlets capped up, there must be applied by the plumber, in the presence of an inspector of the Department of Buildings, a test with air to a pressure equal to a column of mercury 6 inches in height, and the same to stand for five minutes; only mercury gauge shall be used. No piping shall be covered up, nor shall any fixture, gas heater or range be connected thereto until a card showing the approval of this test has been issued by the Commissioner of Buildings.

196. No meter will be set by any gas company until a certificate is filed with them from the Department of Buildings certifying that the gas pipes and fixtures comply with the foregoing rules.

Modifications.

197. When for any reason it may be impracticable to comply strictly with the foregoing rules, the Commissioner of Buildings shall have power to modify their provisions so that the spirit and substance thereof shall be complied with. Such modifications shall be indorsed upon the permit over the signature of the Commissioner of Buildings.

METHOD FOR TESTS FOR ANTI-SIPHON TRAPS OR FIXTURES.

Adopted by the Board of Standards and Appeals,
February 11, 1919.

Resolved, that the following be and it hereby is adopted by the board of standards and appeals as the method prescribed for tests for anti-siphon traps or fixtures, which must be successfully passed before such traps or fixtures shall be approved under Rule 88, Rules for Plumbing and Drainage:

Instructions.

1. The entire cost and responsibility for the installation of the necessary equipment for such test shall be borne by the person or firm submitting the appliance.

2. Such person or firm shall also furnish the board, together with the application for test, the following material and information:

(a) A stock trap of the size and design to be tested, which shall be of the P and S type and shall be of lead or brass, cast in one piece, and without interior partitions or mechanism.

(b) A similar trap cut in half.

(c) A similar trap, to be used in the test, provided with glass observation ports of sufficient size to permit clear observation of the action occurring within the trap during test, and such observation ports shall be so located that the amount of water seal remaining after each test can be readily observed.

(d) An affidavit that the three traps submitted are regular stock traps.

(e) A list of all cities, towns or municipalities where such trap has been officially approved for use without back venting.

The testing apparatus shall be located within the City of New York, and in a place, building or structure to meet the approval of the testing authorities. Such apparatus shall be so located that every part is easily accessible for inspection.

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Apparatus.

The apparatus shall consist of the following:

A tank of not less than fifty nor more than one hundred and fifty gallons capacity, with adequate water supply for refilling the same during the test.

A vertical wrought iron or steel pipe line fifty feet long, connected to the underside of the tank, and of the same internal diameter as the trap to be tested.

A quick-opening valve, located ten feet below the underside of the tank.

A TY fitting located two feet below the quick-opening valve, with horizontal branch pipe connected thereto, of the same diameter as the vertical line, this branch line not to exceed two feet in length, with a pitch towards the vertical line of two inches to the foot, and the trap to be tested shall be connected to this horizontal branch pipe.

A wash basin, or fixture answering the same purpose, which can be conveniently connected or disconnected from the inlet side of the trap.

The test shall be conducted as follows:

For Anti-Siphon Qualities.

For the purpose of determining the efficiency of the trap, the tank shall be completely filled, a water seal established in the trap; and:—

The quick-opening valve shall be opened for five seconds, then closed for five seconds, and this alternating process repeated five times.

The quick-opening valve shall be opened and the entire contents of the tank discharged at one time.

The wash basin shall be connected to the trap, filled with water, and both wash basin and tank discharged simultaneously. The quick-opening valve shall be kept open until the entire contents of the tank has been discharged.

The trap shall be disconnected and a bridge of solid soap formed across the lower half of the discharge end of the trap, so as to effectually block one-half of the clear water-way, and the foregoing tests repeated.

Each operation shall be repeated several times, if desired by the testing authorities.

For Self-Cleansing Qualities.

For the purpose of determining its self-cleansing qualities, the trap shall be filled with sand and the wash basin filled with water and allowed to discharge. A similar operation shall be repeated with tea leaves, coffee grounds, sawdust and grated soap.

For Service Qualities.

The service qualities of the trap may be tested as follows:

A trap which has been in actual constant use for a period of not less than one year shall be removed under the supervision of a representative of the testing authorities, split into two halves, and submitted for inspection, for the purpose of determining whether sediment or coating of grease or other foreign matter has accumulated in the trap during service conditions.

Approval.

An approval shall not be issued for any anti-siphon trap which has been subjected to the foregoing tests unless the trap has:

1. Maintained its water seal throughout the test.
2. Been successfully scoured of any foreign substance placed in the trap, when water has been discharged through same.
3. Upon inspection, after service, shown no excessive accumulation of grease or other foreign substance.

Deep Seal Siphon-Jet Fixtures, or Anti-Siphon Fixtures.

Instructions: Applicants for approval of deep seal siphon-jet or anti-siphon fixtures shall submit the following with their application:—

- (a) A stock fixture of the size and design to be tested.
- (b) A similar fixture, cut in half.

(c) A similar fixture, to be used in the test, provided with glass observation ports of sufficient size to permit clear observation of the action occurring within the fixture during test, and such observation ports shall be so located that the amount of water seal remaining after each test can be readily observed.

(d) An affidavit that the three fixtures submitted are regular stock fixtures.

Apparatus.

The apparatus shall be similar to that required for anti-siphon traps, except that vertical and horizontal pipes shall have an internal diameter of three inches for testing slop sinks and four inches for testing water-closets; tank shall have a capacity of not less than one hundred gallons and the fixture shall be provided with its usual water supply so that same may be flushed when required.

Test.

For the purpose of determining the efficiency of the fixture to maintain a water seal, it shall be tested in a manner similar to that prescribed for anti-siphon traps, except that no soap bridge need be provided at the outlet.

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USE OF HYDRATED LIME IN CONCRETE

Adopted by the Board of Standards and Appeals, April 19, 1920, under Cal. No. 153-20-S.

The use of hydrated lime in all classes of concrete construction shall not be prohibited when used in accordance with the conditions hereinafter set forth.

The hydrated lime shall conform with the standard specifications for this material which have been adopted by the American Society for Testing Materials.

The maximum amount of hydrated lime which may be used shall conform with the following table, all weights given being the amount of lime which may be incorporated for each ninety-five pound bag of Portland cement:

1-1½-3 Mix, 4 pounds of hydrated lime per bag of cement.

1-2-4 Mix, 5 pounds of hydrated lime per bag of cement.

1-2½-5 Mix, 6 pounds of hydrated lime per bag of cement.

For hand mixed concrete, the hydrated lime and Portland cement shall be well mixed while dry.

Hydrated lime shall not be used in concrete which is to be deposited under water.

APPROVED APPLIANCES

Burners for Domestic and Commercial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A. B. C. Oil Burner.....	1295-24-SA	Ember-Glo Oil Burner.....	462-32-SA
A. B. C. Oil Burner, Type H.....	684-29-SA	Enterprise Rotary Fuel Oil Burner.....	1149-27-SA
Acme Oil Burner, Models BO-1 and BO-2	132-34-SA	Enterprise Steam Atomizing Burner.....	15-33-SA
Aetna Automatic Oil Burner.....	1547-23-SA	Enterprise Type Junior "W" Oil Burner,	
Air-Blast Oil Burner.....	579-32-SA	Models 1, 2 and 3.....	225-32-SA
Alladin Oil Burner.....	298-26-SA	Espo Oil Gas Burner.....	1431-23-SA
Alexander Oil Burner.....	65-28-SA	Evenheet Oil Burner.....	554-32-SA
Alida Oil Burner.....	124-34-SA	Everedy Oil Burner.....	102-33-SA
American Blue Flame and Sun Flame Oil			
Burning Heaters, Models No. 73, 86, 88,		Fairfield Oil Burner.....	584-31-SA
92, 93, 94, 95 and 96.....	298-33-SA	Faultless Oil Burner.....	493-24-SA
Arcoil Heat Machine.....	632-26-SA	Fluid Heat Domestic Oil Burner, Type O	1094-27-SA
Auto-Heat Oil Burner.....	284-33-SA	Fluid Heat Oil Burner.....	361-32-SA
Autocrat Oil Burner, Model B-1.....	297-31-SA	Forsdraft Oil Burner.....	41-34-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Foster Oil Burner.....	715-26-SA
		Franklin Domestic Oil Burner.....	560-26-SA
Baker Automatic House Heating Burner	1323-22-SA	Freeport-Silent Service Oil Burner, Models	
Baker Oil Burner, Model L, Gun Type	404-29-SA	5, 10 and 30.....	97-33-SA
Ballard Baby Grand Oil Burner.....	447-32-SA	Fuelo Oil Burner.....	47-30-SA
Ballard Super Domestic Oil Burner.....	939-24-SA		
Bayard Domestic Fuel Oil Burner.....	1184-22-SA	Gar Wood Oil Burner.....	373-30-SA
Berggren Oil Burner.....	764-26-SA	Gar Wood Oil Burner, Models K and K-3500	481-32-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	General Electric Fuel Oil Burner.....	434-32-SA
Bettendorf Automatic Oil Burner, Models D,		General Electric Oil Burner, Type DA-2..	228-33-SA
F and G	88-34-SA	Ghapco Steam Generator.....	348-31-SA
Bettendorf High Pressure Oil Burner....	479-31-SA	Gilbarco Industrial Burner.....	350-32-SA
Bettendorf Oil Burner.....	731-28-SA	Gilbert & Barker Flexible Flame Burner..	109-31-SA
Bettendorf Oil Burner, Model H.B.....	498-32-SA	Gilbert & Barker Junior Flexible Flame	
Bock Oil Burner, Models A, B, C and D	123-31-SA	Domestic Oil Burner.....	520-31-SA
Bock Oil Burning Water Heater.....	102-34-SA	Gilbert & Barker Oil Burner, Model S-1..	282-33-SA
Braden Automatic Fuel Oil Burner.....	322-30-SA	Gill Oil Burner	1231-23-SA
Branford Oil Burner.....	36-31-SA	Gold Star Oil Burner, Models F and S.....	166-33-SA
Branford Oil Burner, Model "A".....	461-32-SA	Goodrich Oil Burner, Models G-O, G-1, G-2	
Brighton Oil Burner.....	372-33-SA	and G-3	441-31-SA
Bullet Automatic Oil Burners, Models A		Goodspeed Automatic Oil Burner.....	957-27-SA
and B.....	195-33-SA	Goodspeed Oil Burner, Nozzle Type 2....	346-33-SA
		Grant Oil Burner.....	382-26-SA
Caloroil Burner, Type AA.....	1361-24-SA	Grant Oil Burner, Model "C".....	232-32-SA
Camel Automatic Oil Burner, Model 30,			
Types A, B and C and Models J and A.S.	229-32-SA	Hardinge Oil Burner.....	813-25-SA
Carboradiant Oil Burner, Models V & VS	16-31-SA	Hardinge Oil Burner, Model 23.....	33-33-SA
Carboradiant Oil Burner, Model VSS....	49-32-SA	Harris Fuel Oil Burner.....	690-30-SA
Carborundum Burner	571-29-SA	Hart Automatic Oil Burner.....	1162-24-SA
Carter-Korth Oil Burner, Model "P"....	389-32-SA	Hart Automatic Oil Burner, Model Series	
Carter-Korth Oil Burner	54-30-SA	"DO"	595-29-SA
Carter Oil Burner, Models 4X and 5X....	117-34-SA	Hart Oil Burner, Model "H"	221-33-SA
Century Oil Burner	157-28-SA	Hayward Oil Burner	696-30-SA
Challenger Kleen Heat Burner, Series No. 100	813-28-SA	Heatiator Oil Burner.....	1346-23-SA
Challenger Oil Burner, Model "A".....	86-34-SA	Heil Combustion Fuel Oil Burner.....	1105-22-SA
Chalmers Automatic Oil Burner, Models D1		Heil Combustion Fuel Oil Burner, Type B	295-29-SA
and D2	608-32-SA	Hercules Oil Burner.....	510-29-SA
Commonwealth Automatic Oil Burner.....	348-28-SA	Hercules Oil Burner, Models H and HF..	309-33-SA
Cook's Automatic Oil Burner.....	955-27-SA	Hercules Oil Burner, Models M 1200 and	
Cope-Swift Safety Automatic Oil Burner..	354-31-SA	M 1800	486-32-SA
Crescent Oil Burner.....	222-29-SA	Holby Type A Fuel Oil Burner.....	688-29-SA
Crescent Type M Size I Oil Burner and		Holland Type "F" Oil Burner.....	237-34-SA
Models 8, 18 and 28.....	592-31-SA	Homer Domestic Oil Burner.....	1211-25-SA
Crown Oil Burner, Type XA.....	426-29-SA	Hupp Oil Burner, Models H, U, P and PP..	10-34-SA
Crystal Blue Flame Oil Burner.....	423-29-SA		
		Improved Kres-Kno Oil Burner and Model	
Dahl Vaporizing Oil Burner.....	915-26-SA	MD	591-29-SA
D'Elia Oil Burner.....	155-31-SA	Inferno Oil Burner.....	82-33-SA
Delco Heat Oil Burner.....	420-31-SA	International Mechanical Draft Oil Burner	372-30-SA
DeWalt Oil Burner.....	541-31-SA	International Oil Burner.....	1305-24-SA
Dist-o-matic Oil Burner.....	663-28-SA		
Doe Oil Burner.....	317-31-SA	Jacobsen Balanced Oil Burner, (Model V-1)	333-33-SA
Doherty Oil Burner.....	943-26-SA	Johnson Improved Rotary Fuel Oil Burner	938-22-SA
		Joyce Oil Burner.....	852-26-SA
Economy Oil Burner, Type A-1.....	45-31-SA		
Eisler Automatic Oil Burner.....	481-27-SA	K. F. C. Oil Burner.....	846-25-SA
Elec-tro-matic Oil Burner, Type 151.....	125-33-SA	Kelco Oil Burner.....	237-33-SA
Electrol Automatic Oil Burner and Models		Kelvinator Oil Burner.....	339-31-SA
BB, C and EA.....	259-25-SA	Kelvinator Oil Burner, Model K.....	105-34-SA

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
KeWaNee Oil Burner, Model "C".....	518-32-SA	Petro Model W Oil Burner.....	452-31-SA
Kleen Heet Oil Burner.....	62-24-SA	Petro Burner, Model O.....	78-28-SA
Kleen Heet Oil Burner, Type R.....	49-33-SA	Petro Burner, Model P-2.....	735-30-SA
Korth Oil Burner, Model G.....	136-34-SA	Petro Oil Burner, Model W-2.....	244-33-SA
Kreager Oil Burner.....	367-30-SA	Petro Oil Burner, Models W-1 and W-1½..	245-33-SA
Kres-Kno Oil Burner.....	443-28-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Petroleum Heat & Power Company Fuel Oil Burner Model W-AH.....	614-32-SA
Laco Oil Burner, Model NL.....	670-30-SA	Pioneer Automatic Oil Burner.....	1259-27-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Powerlight Oilheat Burner.....	628-23-SA
Lange Economical Oil Burner.....	355-33-SA	Pressure Oil Burners, Models A, B and C..	146-31-SA
Lawrence May Oil Burner.....	1034-27-SA	Presto Automatic Oil Burner.....	294-34-SA
Leader Oil Burner.....	425-31-SA	Prize Automatic Oil Burner, Models A, B and C.....	600-31-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Progressive Oil Burner, Models G4, G5, G6 and G7.....	411-32-SA
Liberty Automatic Heater.....	129-28-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Liberty Pressure Oil Burner.....	75-34-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
Loneragan Automatic Oil Burner.....	208-33-SA	Ray-Dio Sunshine Oil Burner, Model C, sizes 12, 14 and 16.....	368-34-SA
Lynn Power Oil Burner, Models 1, 2 and 3.	166-34-SA	Rayfield Oil Burner.....	504-26-SA
"M W" Domestic Oil Burners, Models Nos. 25, 26, 65, 66, 307, 308, 309, 400 and 800...	341-32-SA	Real Host Oil Burner.....	38-34-SA
M. W. Emancipator Oil Burner.....	102-33-SA	Re-Ly-On Oil Burner.....	745-26-SA
M. W. Oil Burning Water Heater.....	737-29-SA	Remington Domestic Oil Burner, Type B..	532-31-SA
M. W. Water Heater, Model 20-D.....	365-34-SA	Remington Oil Burner.....	891-26-SA
Magna Fuel Oil Burner.....	197-33-SA	Rexoil Domestic and Industrial Fuel Oil Burner.....	667-28-SA
Majestic Oil Burner.....	693-30-SA	Richmond Gravity Fuel Oil Burner.....	1193-22-SA
Marr Oil Burner, Model H, Type R.....	765-26-SA	Rickard Oil Burner.....	1011-27-SA
Master-Kraft Oil Burner.....	83-33-SA	Rotoflame Oil Burner.....	187-33-SA
May Oil Burner.....	68-24-SA	Ryan & Scully Commercial and Domestic Oil Burner.....	304-32-SA
May Oil Burner, Type BB.....	46-34-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Mayfield Oil Burner.....	568-31-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
Mayflower Oil Burner.....	124-29-SA	S-K Oil Burner, Model F.....	369-33-SA
McIlvane Oil Burner.....	544-29-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner.....	197-32-SA
Melco Automatic Oil Burner, Type "A"....	1032-25-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner.....	198-32-SA
Merco Oil Burner.....	637-29-SA	S. T. Johnson Oil Heat Servant.....	157-34-SA
Micron Oil Burner.....	345-34-SA	Schulse Home Oil Burner.....	1487-23-SA
Midget Oil Burner.....	155-34-SA	Scott-Newcomb Pioneer Oil Burner, Models C, CA, CJ, CV and SN Junior.....	436-32-SA
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA	Security Oil Burner.....	56-28-SA
Monitor Oil Burner.....	202-34-SA	Shepard Oil Burner.....	563-30-SA
Morrissey Oil Burner.....	673-27-SA	Shill Oil Burner.....	315-30-SA
Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3, and MP-1...	359-33-SA	Silent-Auburn Fuel Oil Burner, Models A, B, C and O.....	463-31-SA
Morse Conical Type Steam Atomizing Burner	938-25-SA	Silent Automatic Oil Burner.....	458-26-SA
Morse Fan Tail Type Steam Atomizing Burner	939-25-SA	Silent Automatic Burner, Model "B".....	709-30-SA
Morse Fuel Oil Burner.....	820-23-SA	Silent Automatic Burner, Model "E".....	710-30-SA
Moto-Heat Oil Burner.....	195-32-SA	Silent Flash Oil Burner, Model C1.....	38-33-SA
Mousette Oil Burner.....	887-25-SA	Silent Glow Oil Burner, Model G.....	600-30-SA
National Airoil High Pressure Burner.....	185-29-SA	Silent Glow Oil Burner, Models 800, 1000, 1800 and 2800.....	345-31-SA
National Airoil Low Pressure Burner.....	186-29-SA	Simplex Domestic Oil Burner, Type P.A..	446-30-SA
National Airoil Type D-R Rotary Oil Burner	548-31-SA	Simplex Domestic Type "S.P." Oil Burner..	145-31-SA
National Oil Burner, Model E-J.....	360-34-SA	Socony Arrow Oil Burner.....	1191-24-SA
National Rotary Oil Burner.....	836-25-SA	Standard Automatic Oil Burner, Type 14-G	536-31-SA
New Perfection Oil Burner, Type "C".....	518-29-SA	Standard Automatic Oil Burner, Type 11-G	537-31-SA
New Process Oil Burner.....	1071-27-SA	Standardyne Oil Burner.....	34-34-SA
Nichols-McCann-Harrison Burners.....	255-31-SA	Stephens Oil Burner, Models Nos. 1 and 2...	146-33-SA
Noiseless Nokol Model G Oil Burner.....	801-28-SA	Stuhler Oil Burner.....	618-27-SA
Noiseless Nokol Rotary Oil Burner, Model R	584-28-SA	Summerheat Oil Burner.....	581-26-SA
Nokol Automatic Burner.....	1078-24-SA	Sundstrand Automatic Oil Burner.....	755-26-SA
Norge Oil Burner Models N8, N18 and N28	226-34-SA	Sundstrand Purmaco Automatic Oil Burner, Models A-2, 4-B, C-5, A-3U, 3K, B-5U, B-5K and C-6U.....	658-30-SA
Nu-Way Oil Burner.....	773-26-SA	Sunflower Model S-1 Oil Burner.....	657-29-SA
Oilbuilt Burner.....	85-33-SA	Sunflower Oil Burner, Model S-2.....	587-30-SA
Oliver Oil Gas Burner, No. 30-A.....	1359-24-SA		
Oronogue Oil Burner.....	394-30-SA		
Orr Fuel Oil Burner.....	113-26-SA		
Packard Fuel Oil Burner.....	77-34-SA		
Paramount Oil Burner.....	1193-25-SA		
Paramount Oil Burner, Model A.....	617-30-SA		
Pascoe Oil Burner.....	1029-26-SA		
Perfect-Pantex Oil Burner.....	271-33-SA		
Petro Domestic Burner.....	161-26-SA		
Petro Model T Oil Burner.....	451-31-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun Heat Oil Burner.....	603-29-SA	Vaporoil Burner	44-32-SA
Sun-Ray Fuel Oil Burner.....	106-33-SA	Vesta Oil Burner	451-26-SA
Sunway Oil Burner.....	624-30-SA	Victor Oil Burner	612-30-SA
Super Automatic Oil Heater Model SSH..	715-29-SA	Victory Oil Burner	320-30-SA
Superfex Oil Burner, for Warm Air Furnaces	400-32-SA	Viking Oil Burner.....	396-32-SA
Superheet Oil Burner, Model D.....	254-33-SA	Volcano Automatic Oil Burner.....	556-29-SA
Sword Automatic Oil Burner.....	951-25-SA	Volcano Automatic Oil Burner, Models EW, EW-1 and EW-2.....	341-33-SA
Tabor Automatic Oil Heater, Type "D"....	778-28-SA	Warner Oil Burner, Model A.....	16-34-SA
Thoroburn Oil Burner, Model A-1-16-G....	269-33-SA	Wayne Oil Burner.....	1155-25-SA
Timken Oil Burner, Model 20.....	287-28-SA	Wayne S-2 Domestic Oil Burner.....	115-32-SA
Timken Rotary Oil Burner.....	297-29-SA	Wheco Oil Burner.....	108-34-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Williams Oil-O-Matic Oil Burner, Models J, JJ, Junior, K, KA, KB, and R.....	918-22-SA
Todd Rotary Burner, Models A, B and C..	454-25-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Todd Spiro Oil Burner	470-31-SA	Wisconsin Fuel Oil Burner, Models O, A and B	32-33-SA
Todd Spiro Burner (pump type).....	94-32-SA	Wizard Automatic Oil Burner.....	181-33-SA
Toridheet Oil Burner.....	63-28-SA	York Automatic Oil Burner.....	44-29-SA
Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA	Yorktown Oil Burner.....	166-33-SA
Twin City-on-the-Door Oil Burner.....	129-27-SA	Yorktown Oil Burner, Model A.....	3-35-SA
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Vapomatic Oil Burner	275-34-SA		

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APPROVED RANGE OIL BURNERS AND SPACE HEATERS

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Requests withdrawn or dismissed	8
Total	398

WARNING

Notice is hereby given to all petitioners, appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or petition ties the hands of the administrative official in enforcing his order; therefore, no appeal or petition will be allowed to be hung up by reason of failure of the appellant or petitioner to file necessary data, or by any other method of delay.

Sixth, That no appeal, application or petition will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal, application or petition forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
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NEW

BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

MAY 7, 1935

Single Copies, 5 cents
By mail, 8 cents No. 19

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

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CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, April 30, 1935, at 2 P. M.

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All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, May 6, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, May 13, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

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57-35-A.....	D.B.B.....	1400 51st street and 5101 14th avenue, southeast corner (Block 5657, Lot 7); adjoining building 5107 14th avenue, Brooklyn, Decision.
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CALL OF CLERK'S CALENDAR

MONDAY, MAY 6, 1935, AT 2 P. M.

Building Zone Cases.

26-35-BZ.	APPLICANT—John J. Dunnigan, for Hugh Cooney, owner. PREMISES—4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner ((Block No. 3369, Lot Nos. 1 and 40), The Bronx. APPLICATION, under section 21 of the building zone resolution, TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.
77-35-BZ.	APPLICANT—Philip Bardes, for Barilio Giovannini, owner. PREMISES—16 Morton street, south side, 49 ft. 5¾ in. east of 7th avenue (Block No. 586, Lot No. 55), Manhattan. APPLICATION, under section 21 of the building zone resolution,

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TO PERMIT partly in a business district and partly in an unrestricted district the alteration and change of occupancy of part of an existing building to a motor vehicle repair shop and, also, garage for more than five (5) motor vehicles.

340-23-BZ.

APPLICANT—Clarence F. Kaltenbach, owner.

PREMISES—888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened November 20, 1934),

TO PERMIT in a business district the alteration and conversion of a portion of a garage (previously granted by the board) so as to extend an existing gasoline service station erected prior to 1925.

MAY 7, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 7, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 872-28-BZ—Application of Eugene De Rosa, on behalf of John A. McCarthy, owner, reopened January 29, 1935, under section 21 of the building zone resolution, to permit partly in a residence district and partly in a business district the alteration and reconstruction of a portion of stores (previously granted by the board) into a motion picture theatre; premises 2311 Grand Concourse, northwest corner of East 183rd street (Block No. 3164, Lot No. 31), The Bronx.

CAL. NO. 44-35-BZ—Application, February 18, 1935, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Henry A. Bonori, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

CAL. NO. 53-31-BZ—Application of Isaac T. Flatto, owner, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period); premises 301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, Lot No. 63 and part of Lot Nos. 62 and 64), The Bronx.

CAL. NO. 50-35-BZ—Application, February 21, 1935, under section 21 of the building zone resolution, of August Staiano, applicant, on behalf of Francis G. Hooley and Sara Wilson, owners, to permit on a plot extending from a business district into a residence district the erection and maintenance of a gasoline service sta-

tion on the business part of the plot; premises 1264 Castleton avenue, south side, 272.09' east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Richmond.

HARRIS H. MURDOCK, *Chairman.*

MAY 7, 1935, 2 P. M.

Appeals from Administrative Orders.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

37-35-A—98-100 Beard street, northwest corner of Richards street (Block No. 604, Lot No. 16), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

93-35-A—418 East 115th street (Block No. 1708, Lot No. 41), Manhattan.

51-34-A—980 Prospect avenue, northeast corner of East 164th street (Block No. 2690, Lot No. 123), The Bronx.

Appliance Submitted for Approval

102-35-SA—Range-O-Matic Oil Pump, Pressure and Suction Model and Model 50.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 7, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 330-29-BZ—Application of Lama and Proskauer, on behalf of Frederick Prisco, owner, reopened April 16, 1935, for consideration as to extension of permit—re Application, granted on certain conditions, under section 7f of the building zone resolution, permitting partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises southwest corner of Kissena road and Vleight road (Block No. 2395, Lot No. 1), Flushing, Borough of Queens.

CAL. NO. 157-30-BZ—Application of William H. Healy, on behalf of George Schrank, owner, reopened April 16, 1935, for consideration as to amendment of resolution—re Application, granted on certain conditions, under sections 7b and 21 of the building zone resolution, permitting partly in a residence district and partly in a business district the alteration and change of occupancy of part of the first story of an existing building from a two-car garage (accessory use) to a store; premises 1601 Avenue U, northeast corner of East 16th street (Block No. 7321, Lot No. 48), Brooklyn.

CAL. NO. 13-33-BZ—Application of Lama and Proskauer, on behalf of Still-Kings Realty Corpora-

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tion, owner, reopened April 16, 1935, for consideration as to amendment of resolution—re Application, granted on certain conditions, under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 1552-1560 Stillwell avenue, southwest corner of Kings Highway (Block No. 6253, Lot No. 29), Brooklyn.

CAL. NO. 624-26-BZ—Application of Leopold Spitz, on behalf of Apa Realty Corporation, owner, reopened November 13, 1934, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years; premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens.

CAL. NO. 540-27-BZ—Application of Bernard Austin, on behalf of Anhil Realty Corporation, present owner, reopened March 5, 1935, by order of the court, under section 21 of the building zone resolution, for an amendment to the resolution, to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board; premises 725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.
HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR MONDAY, MAY 13, 1935, AT 2 P. M.

Building Zone Cases.

27-35-BZ.

APPLICANT—John J. Dunnigan, for Bertha Schrank, owner.

PREMISES—3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station.

73-35-BZ.

APPLICANT—Max Hausle, for Mary Entenman, owner.
PREMISES—1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop.

352-32-BZ.

APPLICANT—David S. Lang, for Max Goldman, owner.

PREMISES—3305-3311 Boston road and 1152 East 211th street, southwest corner (Block No. 4705, Lot Nos. 62-65), The Bronx.

APPLICATION, under sections 7f & 21 of the building zone resolution (reopened February 13, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station (previously granted by the Board for a temporary period—the temporary period has expired).

MAY 14, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 14, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 92-31-BZ—Application of Abraham N. Horwitz, on behalf of Sarah Raskin and Yetta Raskin, owners, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period; denied by the Board for a permanent maintenance and referred back to the Board by the court); premises 8401-8411 Flatlands avenue and 76th East 34th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8). Brooklyn.

CAL. NO. 56-35-BZ—Application, March 2, 1935, under section 21 of the building zone resolution, of Landi & Landi, applicants, on behalf of Diego Aiello, owner, to permit on a plot of ground located in a business district the erection and maintenance of a motor vehicle repair shop and, also, the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles; premises 13-21 Truxton street, north side, 100 feet west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

CAL. NO. 59-35-BZ—Application, March 7, 1935, under section 21 of the building zone resolution, of William W. Knowles, applicant, on behalf of William L. Savacool, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens.

CAL. NO. 71-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of John Krupski, applicant and owner, to permit in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehi-

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cle; premises 147-15 Brinkerhoff avenue, north side, 100 feet east of Liverpool street (Block No. 2725, Lot Nos. 412 and 414), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

MAY 14, 1935, 2 P. M.

Appeals from Administrative Orders

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

57-35-A—1400 51st street and 5101 14th avenue, southeast corner (Block No. 5657, Lot No. 7); adjoining building 5107 14th avenue, Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, May 14, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

CAL. NO. 182-30-BZ—Application of Marshall and Marshall, on behalf of Jennie Macdonald, owner, reopened February 19, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station (previously withdrawn); premises 8918-8932 Fourth avenue, northwest corner of 90th street (Block No. 6064B, Lot No. 65), Brooklyn.

CAL. NO. 55-35-BZ—Application, March 2, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Esther Weiss, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 5255-5265 Kings Highway and 5302 Preston court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

CAL. NO. 315-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Sidney L. Strauss, applicant, on behalf of John H. Gerken, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 63-71 Hopkins street and 460-468 Marcy avenue, northwest corner (Block No. 1719, Lot Nos. 43 to 49, inclusive), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, MAY 20, 1935, AT 2 P. M.

Building Zone Cases.

74-35-BZ.

APPLICANT—Charles B. Meyers, for Zex Realty Corp., owner.

PREMISES—2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station.

82-35-BZ.

APPLICANT—Benjamin Millstein, for Millie Siegel, owner.

PREMISES—210 West 88th street (Block No. 1236, Lot No. 41), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of part of an apartment house to business use.

83-35-BZ.

APPLICANT—Benjamin Millstein, for Millie Siegel, owner.

PREMISES—204 and 206 West 88th street (Block No. 1236, Lot Nos. 38 and 39), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of part of two (2) apartment houses to business use.

CALENDAR

MAY 21, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 21, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 80-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Kavy and Kavovitt, Inc. applicants, on behalf of Sophia A. Seidman and Estate of Sarah Newland, owners, to permit on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements; premises 1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

CAL. NO. 441-31-BZ—Application, September 9, 1931, under section 7f of the building zone resolution, of Michael Giventer, applicant, on behalf of Isidor Popkin, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board March 29, 1932; restored to active Calendar April 30, 1935); premises

7702-7704 Flatlands avenue, southeast corner of East 77th street (Block No. 8014, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

MAY 21, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HERBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 21, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matter, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corporation, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, APRIL 30, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, April 16, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, April 16, 1935, were approved as printed in Bulletin No. 17, Vol. XX.

The minutes of the regular meeting of the board held on Tuesday morning, April 23, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, April 23, 1935, were approved as printed in Bulletin No. 18, Vol. XX.

BUILDING ZONE CASES.

182-30-BZ.

APPLICANT—Marshall and Marshall, for Jennie MacDonald, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to Calendar February 19, 1935).

PREMISES AFFECTED—8918-8932 Fourth avenue, northwest corner of 90th street (Block No. 6064B, Lot No. 65), Brooklyn.

APPEARANCES—

For Applicant: George A. Marshall, Oliver H. Lunn, Thomas E. Cisney.

For Opposition: Sidney A. Wolff, Frank Perrara, Thilo C. Schulze, Walter A. O'Rourke, Samuel P. Miller, Joseph Greenberg, representing S. G. Samara.

ACTION OF BOARD—Laid over to May 14, 1935, at 2 p. m., for report of committee on inspection. No further argument.

55-35-BZ.

APPLICANT—Samuels & Samuels, for Esther Weiss, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—5255-5265 Kings Highway and 5302 Preston Court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

APPEARANCES—

For Applicant: Archie H. Samuels.

For Opposition: Charles H. Fier.

ACTION OF BOARD—Laid over to May 14, 1935, at 2 p. m., for report of committee on inspection. No further argument.

315-34-BZ.

APPLICANT—Sidney L. Strauss, for John H. Gerken, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

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PREMISES AFFECTED—460-468 Marcy avenue and 63-71 Hopkins street, northwest corner (Block No. 1719, Lot Nos. 43 to 49, inclusive), Brooklyn.

APPEARANCES—

For Applicant: Sidney L. Strauss.

For Opposition: Morris Weiner, Lew Feldherr, Abraham Blumberg, Phil Kern, V. Tarantulo, N. Giammalvo.

ACTION OF BOARD—Laid over to May 14, 1935, at 2 p. m., for report of committee on inspection. No further argument.

352-34-BZ.

APPLICANT—Charles M. Arak, for Laura E. Mace, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—724-748 Mace avenue, southwest corner of Boston road (Block No. 4431, Lot No. 41), The Bronx.

APPEARANCES—

For Applicant: Joseph B. Schwartz.

For Opposition: Joseph Halperin.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(352-34-BZ)

WHEREAS, Charles M. Arak, for Laura E. Mace, owner, filed December 18, 1934, an application under the building zone resolution to permit in a business district the erection

and maintenance of a gasoline service station; premises: 724-748 Mace avenue, southwest corner of Boston road (Block No. 4431, Lot No. 41), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 30, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Boston road is in a business district; Cruger avenue is in a business and residence district and Mace avenue is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered December 3, 1934, re Application No. 283-34, reads:

"1. Erection of buildings and occupancy of premises in business district for gasoline service station is contrary to provisions of building zone resolution.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 209 feet on Boston road, 116 feet on Mace avenue and 174 feet on Cruger avenue, upon which it is proposed to erect a one-story office and greasing structure 70 feet by 30 feet in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the chairman stated at the hearing that the board was very familiar with the site under appeal a committee of the board having made frequent inspections in the immediate vicinity and the board deemed that applicant had failed to substantiate the basis of his application under section 21 practical difficulties and unnecessary hardship.

Resolved, that the decision of the commissioner of buildings, be and it hereby is *affirmed* and the application be and it hereby is *denied*.

Adjourned, 12:45 p. m.

EDWARD V. BARTON, *Chief Clerk*.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, APRIL 30, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

540-27-BZ.

APPLICANT—Bernard Austin, for Anhil Realty Corporation, owner.

SUBJECT—Application reopened March 5, 1935, for consideration of amendment by Order of the Court re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution to permit in a business district the maintenance and operation of unenclosed grease pit in connection with a gasoline service station previously granted by the board.

PREMISES AFFECTED—725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

APPEARANCES—

For Applicant: Salvatore Bosco.

ACTION OF BOARD—Laid over to May 7, 1935, at 2 p. m., on request of applicant's representative.

49-34-BZ.

APPLICANT—H. I. Feldman, for David Nussdorf, owner.

SUBJECT—Request for reopening—amendment—re Application (decision of the commissioner of buildings) under section 7a of the building zone resolution, permitting in a residence district the alteration and extension of an existing building used in part for business use.

PREMISES AFFECTED—550-554 Bedford avenue, northwest corner of Ross street (Block No. 2181, Lot No. 33), Brooklyn.

APPEARANCES—

For Applicant: H. I. Feldman.

ACTION OF BOARD—Request to reopen, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Asst. Chief Kidney.. 4

Negative 0

Absent 0

362-34-BZ.

APPLICANT—Abraham H. Horwitz, for 1230 Jerome Avenue Corp., owner.

SUBJECT—Application for reopening—reconsideration—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

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PREMISES AFFECTED—1227-1229 River avenue and 1230-1234 Jerome avenue, east side, 165 feet 6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

APPEARANCES—

For Applicant: Abraham H. Horwitz.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

1066-25-BZ.

APPLICANT—Roland Lievendag, owner.

SUBJECT—Application for reopening — amendment to original resolution—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration of a garage (with permit for sale of gasoline), permission to erect which was granted by the board on March 30, 1926, so as to form an alcove gasoline service station.

PREMISES AFFECTED—Northwest corner of 46th avenue (Queens avenue) and 164th street (24th street) (Block No. 1220, Lot No. 81), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Roland Lievendag.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

203-33-BZ.

APPLICANT—Alfred A. Lama, for Borden's Farm Products Co., Inc., owner.

SUBJECT—Application for reopening—restoration to the Calendar, having been previously withdrawn—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—363-381 Fourth avenue, east side, northeast corner of 6th street and southeast corner of 5th street (Block No. 987, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

499-31-BZ.

APPLICANT—Ernest Reiss, present owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the superintendent of buildings) under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—262-10 Hillside avenue, southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

APPEARANCES—

For Applicant: Austin McGee.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

441-31-BZ.

APPLICANT—Michael Giventer for Isidor Popkin, owner.

SUBJECT—Application for restoration to calendar, having been laid over for a full vote of the board—re application (decision of the superintendent of buildings) under section 7f of the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station (previously denied under section 21; reopened February 23, 1932).

PREMISES AFFECTED—7702-7704 Flatlands avenue, southeast corner East 77th street (Block 8014, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Michael Giventer.

ACTION OF BOARD—Application restored to the active calendar and set for hearing May 21, 1935, at 10 a. m.

THE VOTE TO RESTORE TO THE ACTIVE CALENDAR—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

894-28-BZ.

APPLICANT—Samuels and Samuels for Gustaf Larson, owner.

SUBJECT—Application reopened and restored to calendar January 22, 1935; re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution to permit upon a plot located partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn).

PREMISES AFFECTED—2702-2712 Foster avenue and 1285-1289 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: H. Barnet, William J. Kressner.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(894-28-BZ)

WHEREAS, this application affecting premises 1285-1289 Rogers avenue, 2702-2712 Foster avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Borough of Brooklyn, was filed November 20, 1928, to permit in a business use district the erection and maintenance of a gasoline service station; and

WHEREAS, this application was withdrawn April 22, 1930, and owner, Gustaf Larson, through his attorneys, Samuels & Samuels, requested a reopening of the case and the case was reopened by vote of the board January 22, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, April 30, 1935, after due notice by publication in the Bul-

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letin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Foster avenue is in residence and business districts; Rogers avenue is in a business district and East 26th street is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 21, 1935, (App. No. 561-1935), reads:

"Proposed gasoline service station in a business district extending into a residential district is contrary to building zone resolution, Art. II, Sect. 3 and Sect. 4 (a) 46. The proposition is therefore denied.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 102 feet 6 inches on Foster avenue and 45 feet 8 inches on Rogers avenue, upon which it is proposed to erect a one-story office 15 feet by 15 feet in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board April 18, 1935, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 894-28-BZ.

Premises—2702-12 Foster avenue and 1285-89 Rogers avenue, southeast corner (Block No. 5229, Lot Nos. 76 and 77), Brooklyn.

This is an application for a zoning variance, under section 21, to permit a gasoline station at the southeast corner of Foster and Rogers avenues, Brooklyn. The plot under appeal has a frontage of 45 feet 8 inches on Rogers avenue and 102 feet 6 inches on Foster avenue and is zoned for business use. Under the same ownership, however, is the adjoining plot at the corner of Foster avenue and East 28th street in a residence district. This entire plot has apparently been in the ownership of the present owner or under his control since prior to 1926. The owner is a builder, and, while the statement is made that he did not buy it for speculative purposes, it was purchased for development and for one reason or another has not been built up. This application, originally for a gasoline station on the portion within the business area, was before the board in 1928 and withdrawn. Later in 1929 it was reopened and again withdrawn in 1930. The reason given for the latter withdrawal was their hope to obtain further consents to bring them up to 80 per cent on the theory that this board could grant this application for a gasoline station under section 7-g. Section 7-g, however, applies only to garages and does not apply to gasoline stations. The area is generally of a residential character. There is, of course, business permitted along Rogers avenue, but the main business of the neighborhood is apparently on Flatbush avenue only a block to the south. Such business as there is along Rogers avenue is more or less of a neighborhood character; and there are several groups of multiple garages that were duly permitted prior to the zoning amendment of 1928; also gasoline is sold in two of these establishments presumably having been there prior to the zoning amendment of 1925. On Rogers avenue approximately 250 feet south of the site under appeal there is a public garage that was granted by the board in 1916 under section 7-e because of the presence of a stable.

Foster avenue, on which the greatest length of this plot is located, is generally zoned for residence use, except for the Rogers avenue business use influence, and is fully developed. In fact, this plot under appeal appears to be the only plot in this general neighborhood that still is vacant and it seems unusual that this should be the case, as the committee found upon inspection that the plot would appear to be suitable for an apartment house development for the entire block front, with stores in the business area. There appears to be no good reason why such a building in this district should not be

constructed and profitably maintained. It may be that financial conditions make it impossible or difficult for this present owner, but there appears to be no basis from the point of view of the zoning regulations to interfere with conforming development. The committee could find no basis for claiming hardship within the meaning of the zoning resolution. Due consideration has been given to the letters from real estate men offered at the public hearing. It is the opinion of the committee that, while their statements may be temporarily correct as to the present difficulty in developing the property as an investment, there is nothing in the general section that would interfere with a conforming development being successful. At the present time, the lot is vacant except for billboards and it is the only plot in the neighborhood which would give the impression of a run-down condition. The committee does not find, as one realtor states that the section is "more industrial than residential or business." As stated herein inspection discloses that the section is very definitely residential in general character with neighborhood business. While the courts have repeatedly stated that the consents and objections are not controlling in the determination of this board, the board considers it desirable to consider the expression of the neighborhood and it is to be noted in this case that, although the applicant states he has not attempted to get consents, there are twenty-two objections filed representing parcels which would be directly affected by the proposed use. This section was undoubtedly well canvassed to obtain consents at the time this case was withdrawn to obtain further consents, yet the record shows generally those who were opposed at that time are still in opposition. However, regardless of consents or objections, this board has the responsibility of maintaining the zoning regulations unless the particular parcel under appeal comes within the provisions which permit the board to exercise its discretion and grant a variance, and the committee finds no such hardship or merit in this case. It was stated that the plot is ideally located for a gasoline station, with which statement the committee does not agree, but finds no justification for granting a variance on the ground that a non-conforming use is more profitable than a conforming use, particularly as such a variance would be an injustice to adjoining properties and tend to depreciate their value. This property in its present condition, characterized by one of the real estate men as a "dumping ground and eye-sore for a great many years" tends to depreciate the neighborhood, and the condition is presumably permitted by the owner. A further depreciation by permitting a non-conforming use at this important corner should not be allowed. The committee therefore recommends that the application be denied.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD M. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the denial of the application and the board deemed that applicant had failed to substantiate the basis of his appeal under section 21, practical difficulties and unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application under section 21 be and it hereby is *denied*.

636-24-BZ.

APPLICANT—Janet Wilson Metten, owner.

SUBJECT—Request for reopening—reconsideration on new statement of facts—re Application (order of the building commissioner) to permit in a residence district the maintenance of a business use in an existing residence building (previously denied).

PREMISES AFFECTED—234 West 74th street (Block No. 1165, Lot Not. 18), Manhattan.

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APPEARANCES—

For Applicant: Janet Wilson Metten.

ACTION OF BOARD—Request for reopening, denied.

THE VOTE TO REOPEN—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(636-24-BZ)

WHEREAS, this application affecting premises 234 West 74th street (Block No. 1165, Lot No. 18), Borough of Manhattan, was denied by the board, September 23, 1924, and the owner, Janet Wilson Metten, requested a reopening of the case; and

WHEREAS, this request for a reopening was the subject of an inspection by a committee of the board, which inspection was made and the committee found that conditions were no different than at the time the Board of Standards and Appeals denied a variation for business in 1924; despite the fact that the board denied the variation, the premises has apparently been used for business ever since 1924.

Resolved, that the request to reopen this case be and it hereby is *denied*.

204-24-BZ.

APPLICANT—Harry Ellman, for Meyer Zeitz, lessee.

SUBJECT—Application for reopening—amendment of resolution, permitting in a residence district (the district having been changed from business to residence on March 28, 1924, between the time of filing the application, February 6, 1924, and the action of the board of May 27, 1924), the change of occupancy of an existing building from a garage previously granted for the storage of more than five (5) motor vehicles to a junk shop.

PREMISES AFFECTED—469-475 Hemlock street (Block No. 4200, Lot Nos. 9 and 10), Brooklyn.

APPEARANCES—

For Applicant: Abraham Zeitz.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(204-24-BZ)

WHEREAS, this application affecting premises 469-475 Hemlock street (Block No. 4200, Lot Nos. 9 and 10), Borough of Brooklyn, was granted by the board May 27, 1924, on certain conditions, resolution amended October 2, 1934, and applicant requests a further amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on October 2, 1934, so that as amended the provision added to the resolution of May 27, 1924, shall read:

"that for a period of two years from the date of this amended action, this building may be occupied for the storage of rags, bundled paper and other similar material instead of as a public garage on condition that all such material shall be baled except for not over 5,000 pounds of such material which may be loose provided such material in excess of 1,000 lbs. in process of sorting shall be stored in metal compartments, constructed in

accordance with the requirements of the administrative official having jurisdiction, each compartment to hold not over 1,000 pounds of such material; and that while this occupancy is continued, the building shall comply with all laws, regulations and requirements applicable to this occupancy other than as herein modified."

511-32-BZ.

APPLICANT—Charles Schaefer, Jr., for Rutherford H. Clark, owner.

SUBJECT—Request for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a residence district the alteration and change of occupancy of part of an existing building for business purposes.

PREMISES AFFECTED—East side of Gerard avenue, 111.87 feet south of East 161st street (Block No. 2474, Lot No. 37), The Bronx.

APPEARANCES—

For Applicant: Charles Schaefer, Jr.

ACTION OF BOARD—Request for reopening, denied.

THE VOTE TO REOPEN—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(511-32-BZ)

WHEREAS, this application affecting premises east side of Gerard avenue, 111.87 feet south of East 161st street (Block No. 2474, Lot No. 37), Borough of The Bronx, was granted by the board January 13, 1933, on certain conditions, time extended July 14, 1933; and

WHEREAS, the time to complete work having nearly expired, a further request for an extension of time was made May 21, 1934, which request was denied June 5, 1934; and

WHEREAS, under date of April 16, 1935, a further request was made for a reopening of the case and an extension of time; and

WHEREAS, a committee of the board visited these premises and found them fully occupied by conforming uses.

Resolved, that the request to reopen this case and extend the time be and it hereby is *denied*.

241-33-BZ.

APPLICANT—Lama and Proskauer, for Fourth Avenue and 33rd Street Realty, Inc., present owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station and automobile salesroom.

PREMISES AFFECTED—875-881 Fourth avenue, northeast corner of 33rd street (Block No. 681, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst. Chief Kidney..	4
Absent	0
Negative	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Asst Chief Kidney.	4
Negative	0
Absent	0

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THE RESOLUTION—

(241-33-BZ)

WHEREAS, this application, affecting premises 875-881 Fourth avenue, northeast corner of 33rd street (Block No. 681, part of Lot No. 1), Borough of Brooklyn, was granted by the board December 5, 1933, on certain conditions, amended February 23, 1934, approving plans, and present owner requested an amendment of the resolution and of the dimensions of the plot which is to be reduced in area to 100 ft. by 75 ft. and now requests a further amendment as to advertising signs.

Resolved, that the resolution adopted by the board on December 5, 1933, as modified by resolution approving plans adopted on February 23, 1934, be and it hereby is *amended* so that as amended the dimensions of the property shall not exceed a frontage of 100 feet on Fourth avenue and a depth of 75 feet on 33rd street, and located entirely in the business district, to be used for a gasoline service station and accessory uses, *on condition* that the buildings shall be constructed and arranged substantially as indicated on revised plans marked "Received July 2, 1934," and shall not exceed one story in height and shall be constructed of brick and incombustible materials; that there shall be no openings in the walls of the building to the adjoining premises east or south on 33rd street and where not covered by accessory buildings there shall be constructed along the interior lot lines and along the street line of 33rd street a brick wall not less than 10 feet in height, faced with face brick on the interior surfaces and on the exterior along 33rd street; that this wall may be racked back at the rate of 1 foot in 4 from Fourth avenue, starting with a wall 4 feet in height; that this wall shall be suitably coped with stone or terra cotta; that for the protection of pedestrians and to prevent illegal uses of the sidewalk there shall be erected along the Fourth avenue street building line a reinforced concrete curb at least 12 inches in width and 6 inches in height with rounded top with not over two openings therein, each opening not to exceed 25 feet in width and no part of any opening nearer than 10 feet from the intersection of Fourth avenue and 33rd street, nor 10 feet from the intersection of the northerly interior lot line; that the street curbs opposite these openings shall not exceed 30 feet in width; that gasoline pumps erected shall be at least 10 feet removed from lot lines or any portion of an accessory building; that the premises where not occupied by accessory buildings shall be cement paved; that testing and minor repairs may be done on the premises, provided such work is done by manual tools only, but no repair shop maintained; that there shall be no excavations under any of the buildings except pits for the greasing racks; that there shall be no open flame permitted on the premises; that there shall be no portable gasoline tanks used on or from the premises; *that advertising signs shall be limited to the illuminated globes of the gasoline pumps, excluding all temporary signs, but permitting signs to be placed on buildings where indicated on plans approved February 23, 1934, and permitting the erection of one post upright within the building line, as indicated on plan marked 'received April 23, 1935,' this post upright to be used for carrying an illuminated sign which may overhang the building line not exceeding 8 feet and advertising only the brand of gasoline for sale, excluding all roof signs; that no cars shall be parked or stored on the premises other than those being serviced and those offered for sale in the automobile showroom accessory building; that all permits shall be obtained within three months and all work completed within nine months from July 17, 1934; that other as amended herein, the resolution adopted by the board on December 5, 1933, as amended by resolution adopted February 23, 1934, shall be complied with in all respects.*

261-34-BZ.

APPLICANT—Wood and Marshall, for Samuel H. Baylis and Sheldon F. Baylis, owners.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of build-

ings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station and also a parking space for more than five (5) motor vehicles.

PREMISES AFFECTED—93-28 New York avenue, west side, 25 feet south of L. I. R. R. (Block No. 1052, Lot Nos. 41 and 43), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Samuel H. Baylis.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kinley	4
Negative	0
Absent	0

THE RESOLUTION—

(261-24-BZ)

WHEREAS, this application affecting premises 93-28 New York avenue, west side, 25 feet south of L. I. R. R. (Block No. 1052, Lot Nos. 41 and 43), Jamaica, Borough of Queens, was granted by the board January 8, 1935, on certain conditions and applicant requested an amendment of the resolution as to advertising signs.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of January 8, 1935, so that as amended portion of it shall read:

"that advertising shall be limited to the illuminated globes of the gasoline pumps and to a flat sign attached to the accessory building and to one post standard erected within the building line as indicated on plan marked 'Received April 29, 1935'; that this post standard may carry a sign, which may be illuminated and which may overhang the building line not over 8 feet provided such sign shall advertise only the brand of gasoline and oil for sale; that other than as amended herein the resolution of the board of January 8, 1935, shall be complied with in all respects."

147-34-BZ.

APPLICANT—Kadel, Van Kirk and Trencher, for Socony-Vacuum Oil Company, Inc., present owner.

SUBJECT—Application for reopening—amendment and approval of plans—re Application (decision of commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the extension of an existing gasoline service station.

PREMISES AFFECTED—Northwest corner of Hillside avenue and 188th street (Block No. 1007, Lot No. 1), Hollis, Queens.

APPEARANCES—

For Applicant: Harold L. Leddy.

ACTION OF BOARD—Application reopened, resolution amended and plans approved.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION AND APPROVE PLANS—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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MINUTES

Negative 0
Absent 0

THE RESOLUTION—

(147-34-BZ)

WHEREAS, this application affecting premises northwest corner of Hillside avenue and 188th street (Block No. 1007, Lot No. 1), Hollis, Borough of Queens, was granted by the board September 25, 1934, on certain conditions, time extended April 2, 1935, and applicant requests an amendment of the resolution and approval of plans.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution adopted September 25, 1934, as amended by resolution adopted April 2, 1935, so that as amended the resolution will read as follows:

“Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution under section 21 and that the application be and it hereby is *granted* permitting the site under appeal to be occupied as a gasoline service station, *on condition* that the plot shall be cleared of all buildings and structures and leveled to meet approximately the grades of Hillside avenue and 188th street; that the accessory buildings erected shall consist of office section and salesroom and a section for lubricating and washing, as indicated on plans filed; that such buildings shall be of the indicated architectural design, with exteriors of stone and brick stuccoed; that these buildings shall be constructed of fireproof materials throughout except that the roof beams and roof boarding may be of wood, provided the ceilings throughout are fire retarded in accordance with the rules of the Board of Standards and Appeals and the roof weather surfacing is of incombustible material; that the window frames and sash and door frames and doors may be of wood; that if doors are installed in the section used for greasing, the grease pits shall be ventilated by means of an electric spark proof fan exhausting directly into two open areas at rear covered with gratings at grade level; that there shall be no excavation under these buildings except the pits for the greasing racks; that the heater room floor may be pitted not over 4 feet; that where not covered by accessory buildings there shall be constructed on the interior lot lines a wall constructed of stone and brick stuccoed for a height of 7 feet except that this wall may be constructed at a height of 4 feet for a distance of 20 feet back from each building line; that there shall be no opening in this wall to adjoining premises; that there shall be constructed along the street frontage of Hillside avenue and along the new line of the widened 188th street curbed areas not less than the width shown on plans marked ‘Received April 26, 1935,’ and protected by concrete curbing not less than 5 inches in height; that in these areas shall be maintained low shrubbery and grass or other suitable planting; that the openings for entrance to the gasoline service station shall not exceed two 25 feet wide openings from Hillside avenue with 30 feet wide curb cuts opposite and two 35 feet wide openings from 188th street with curb cuts opposite not exceeding 40 feet in width each; that no openings shall be nearer than 10 feet from the corner formed by the intersection of 188th street and Hillside avenue, nor nearer than 5 feet from either interior lot line; that the entire property where not covered by accessory buildings, walls and planting areas, shall be cement paved; that gasoline pumps erected shall be not nearer than 20 feet from any street building line; that gasoline pumps installed shall be mounted on masonry bases with no metal part of the pump exposed, other than the illuminated globes and pump mechanism; that such masonry bases shall be of the same material as the exterior walls of the accessory building; that there shall be no advertising of non-conforming use maintained on the premises, other than one sign on the front of the accessory building and the illuminated globes of the

gasoline pumps and one upright post for illuminated sign within the property lines near the street intersection; that such sign may project not more than 8 feet and shall advertise only the brand of gasoline sold; that there shall be no motor vehicle repairing carried on and no parking of cars other than those being serviced; that there shall be no portable gasoline pumps used on or from the property; that lights for illumination shall be on pipe standards with metal reflectors so arranged as to reflect downwardly to avoid excessive glare to the adjoining properties; that no open flame shall be permitted on the premises, except that if a room for general heating is constructed, as indicated on the plan, such room shall be surrounded with fireproof walls and separated entirely from the balance of the building and accessible only from the exterior of the building; that there shall be filed with this board an agreement signed by this owner that the adjacent building to the north under his ownership or controlled by him and now used as a riding stable will be reconstructed and improved within a period of two years; that the stable yard will be enclosed on all sides with a fence or wall not less than 6 feet in height; that all permits shall be obtained within six months and all work completed within one year from April 2, 1935; that plans marked ‘Received April 26, 1935,’ are approved as complying with the conditions of this resolution in so far as such plans relate to the gasoline station area.”

APPEALS FROM ADMINISTRATIVE ORDERS.

348-34-A.

APPELLANT—The Mantrose Corporation, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

APPEARANCES—

For Appellant: Samuel Rosenblum.

ACTION OF BOARD—Laid over to May 14, 1935, at 2 p. m., upon request of appellant's representative.

93-35-A.

APPELLANT—Adolph H. Schmedtje, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—418 East 115th street (Block No. 1708, Lot No. 41), Manhattan.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Laid over to May 7, 1935, at 2 p. m., for an inspection by a committee of the board.

57-35-A.

APPELLANT—Benjamin B. Maksik, for Premier Assets Corp., owner of premises affected—application for reopening and reconsideration, of Sol R. Kaplan, for Anna Kaplan, adjoining owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1400 51st street and 5101 14th avenue, southeast corner (5107 14th avenue, adjoining building) (Block No. 5667, Lot No. 7), Brooklyn.

APPEARANCES—

For Appellant: Benjamin B. Maksik.

For Opposition: Sol R. Kaplan.

For Administration: Assistant Engineer Benjamin Saltzman of department of buildings.

ACTION OF BOARD—Appeal reopened, restored to the calendar and laid over to May 14, 1935, at 2 p. m., for inspection by a committee of the board. No further argument.

MINUTES

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

109-35-A.

APPELLANT—Acme Pump & Tank Corp., for Lincoln
Square Garage Corp., lessee.

SUBJECT—Appeal from a decision of the commissioner of
buildings.

PREMISES AFFECTED—1920-1932 Broadway, 58-62 W.
65th street and 49-55 W. 64th street (Block No.
1117, Lot No. 1), Manhattan.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Appeal withdrawn on written re-
quest of appellant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

PETITION FOR VARIATION.

286-34-S.

PETITIONER—Dominick Salvati, for Gottesman Bros.,
owners.

SUBJECT—Application for reopening—amendment—re
Variation of the labor law as cited in an order of
the commissioner of buildings.

PREMISES AFFECTED—12 Gratton street (Block No.
3102, Lot No. 11), Brooklyn.

APPEARANCES—

For Petitioner: Dominick Salvati.

ACTION OF BOARD—Petition reopened and resolution
amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chief Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(286-34-S)

WHEREAS, this application affecting premises No. 12 Grat-
ton street (Block No. 3102, Lot No. 11), Borough of Brook-
lyn), was granted by the board January 15, 1935, on cer-
tain conditions and applicant requested an amendment of
the resolution.

Resolved, that the resolution adopted by the board on
January 15, 1935, be and it hereby is *amended*, to read as
follows:

"Resolved, that the Board of Standards and Appeals
does hereby *make a variation* in the requirements of the
Labor Law, and that the petition be and it *hereby is*
granted, as to Order No. 10806-LD, permitting the
building to be used for factory purposes, *on condition*
that the existing primary means of exit from the second
floor consisting of a 3 ft. 8 in. wooden stairway leading
to Gratton street shall be enclosed in fire-retarded par-
titions including soffits and platform; that the window
within this stair enclosure shall be bricked up or made
fireproof and stationary and glazed with wire glass;

*that there shall be constructed a fireproof door in the
present window opening toward the rear of the build-
ing, together with necessary steps, so as to provide a
means of exit to the roof of the adjoining one-story
building to the east, as shown on plan marked 'Re-
ceived April 22, 1935,' and also platform to stairs to
provide access to the premises in the rear through which
access may be obtained to Thames street; that a window
in the west wall near Gratton street shall be changed
to a fireproof door to permit access to the roof of the
adjoining building to the west; that flues and other
openings leading up from the cellar, other than the
boiler flue in use, shall be adequately blocked up and
fire-stopped; that the required air opening in the fire-
retarded enclosure around the oil burner shall be pro-
vided with a metal duct to carry the air from the rear
of the building and that the existing opening in the
building wall to the space between this building and the
adjoining frame building shall be bricked up; that all
combustible refuse shall be removed from the cellar and
first floor; that the connecting door between the first
floor and the adjoining building to the east shall be kept
closed and fastened; that the occupancy of the second
floor shall be for light manufacturing only, similar to
the existing needle work occupancy; that other than as
modified herein, the Labor Law shall be complied with
in all respects and that this modification shall apply only
so long as the conditions remain substantially unchanged;
*that other than as amended herein, the resolution adopted
by the board on January 15, 1935, shall be complied with
in all respects.*"*

APPLIANCES SUBMITTED FOR APPROVAL.

97-35-SA.

PETITIONER—Geo. D. Roper Corporation, owner.

SUBJECT—Roper Rotary Pump for Fuel Oil, approval of.

APPEARANCES—

For Petitioner: None.

ACTION OF BOARD—Petition placed on reserve calen-
dar, referred to engineer of board for test and re-
port and to obtain such information from other de-
partments as may be deemed necessary.

98-35-SA.

PETITIONER—Jack W. Hirsch, for Automatic Burner
Corporation, owner.

SUBJECT—Heat King Oil Burner, Mdel 2, approval of.

APPEARANCES—

For Petitioner: Jack W. Hirsch.

ACTION OF BOARD—Petition placed on reserve calen-
dar, referred to engineer of board for test and re-
port and to obtain such information from other
departments as may be deemed necessary.

99-35-SA.

PETITIONER—Jack W. Hirsch, for Kleen-Heet, Incorpo-
rated, owner.

SUBJECT—Kleen Heet Oil Burner, Type 902, approval of.

APPEARANCES—

For Petitioner: Jack W. Hirsch.

ACTION OF BOARD—Petition placed on reserve calen-
dar, referred to engineer of board for test and re-
port and to obtain such information from other de-
partments as may be deemed necessary.

RULES.

89-27-SR.

SUBJECT—RULES OF PROCEDURE—Proposed Revi-
sion of.

ACTION OF BOARD—Rules reopened and revised rules of
procedure as printed in Bulletin of April 23, 1935,
adopted as amended at hearing. (See Page 407.)

MINUTES

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney.. 4
Negative 0
Absent 0

THE VOTE TO ADOPT REVISED RULES OF PROCEDURE AS AMENDED—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Asst. Chief Kidney. 4
Negative 0
Absent 0

Adjourned, 4:50 p. m.

EDWARD V. BARTON, *Chief Clerk.*

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798	250-34-SA	Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Water Heater Assembly.....	236-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Air-O-Flame Range Burner.....		M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	National Range Oil Burner.....	361-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	Quaker Burnoil Stove	11-31-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Quick Meal Range Burner.....	304-34-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Florence Range Burners.....	219-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Fox Range Oil Burner.....	200-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Superfex Oil Burning Heater	491-31-SA
Kolrid Range Burner.....	48-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

RULES

Rules of Procedure of the Board of Standards and Appeals Adopted February 15, 1927, Amended December 2, 1930, April 14, 1931, June 13, 1933 and Revised April 30, 1935.

(89-27-SR)

ARTICLE I—PUBLIC HEARING.

1. Regular sessions designated as public hearings of the Board of Standards and Appeals shall be held on Tuesday of each week at 10 A. M. and 2 P. M., and such additional sessions on days to be set by the board as may be deemed necessary to facilitate the work of the board.

2. Sessions shall be devoted to hearings on applications for variations of the Building Zone Resolution; appeals from administrative orders; applications for variation of the Labor Law; approval of appliances and materials and consideration of Rules, as such sessions are published in the Bulletin of the Board of Standards and Appeals.

3. Special sessions may be called by the Chairman, or at the request of three members, provided that notice of the same has been mailed to each member at least twenty-four hours before the time set, except that the announcement of a special session at any session at which a quorum is present shall be sufficient notice.

4. All hearing sessions shall be open to the public.

5. A quorum of the Board of Standards and Appeals shall consist of three members.

6. The members of the Board shall attend sessions in person, except that during absence or disability a substitute may act, as provided by law under section 718 of the Charter as amended by Local Law No. 13 of 1925. The names of such substitutes, designated by the Mayor, shall have been previously filed with the Chairman.

ARTICLE II—CASES BEFORE THE BOARD.

1. Every application under the Building Zone Resolution, every appeal under section 719 of the Charter and every application under section 718a, subdivision 4, of the Charter, shall be made to the Board on the forms provided, and shall include the data required in such forms so as to supply all information necessary for a clear understanding by the Board and its staff. The statements of essential information made by the applicant and the determination of the Board in each case will be incorporated in a resolution formally adopted and published in the Bulletin of the Board. Officials, who are charged with the enforcement of the laws, ordinances and rules relating to buildings in the City of New York will be bound by such resolutions, and, before granting permit or taking any other affirmative action, should see that there are no misstatements as to facts and that the conditions of the resolution are observed. Any administrative official discovering any misstatement of essential information is requested to notify the Board, in order that it may take such action as the circumstances require. All approvals shall remain valid only as long as the information and the conditions on which the resolution was based are maintained.

2. Any communication purporting to be an application or appeal shall be regarded as a mere notice of intention to seek relief and shall be of no force or effect until it is made in the form required except as provided in Art. VI.

3. Upon receipt of any such communication, the writer shall be supplied with the proper forms for presenting his application or appeal and he shall be required to file the proper form and furnish all necessary data within thirty days of the date of the order or decision appealed from except as provided in Art. VI.

4. The duplicate of each application or appeal required by this article shall be forwarded to the administrative official whose order or determination is appealed from.

5. At the public hearing of a case before the Board, the applicant shall first present the argument in support of the case and those in objection shall follow. To maintain orderly procedure, each side shall proceed without interruption by the other.

6. Every person before the rostrum shall abide by the order and direction of the Chairman. Discourteous or disorderly conduct shall be regarded as a breach of his privileges and shall be dealt with as the Chairman deems proper. Orders to maintain discipline shall be carried out by the Sergeant-at-Arms.

Subject to the direction of the Chairman, the Chief Clerk shall enforce the rules of the Board and shall direct and supervise the Sergeant-at-Arms in maintaining order and decorum in the hearing room and lobbies during all public hearings.

7. No member shall proceed to question or discuss an issue, put a motion or offer a resolution until he shall have addressed the Chairman and shall have been recognized by him. While the Chairman is putting a motion or offering a resolution, or during the progress of a roll call, no member shall interrupt or leave his seat. When a motion to adjourn is carried, the members of the Board shall keep their seats until the Chairman declares the meeting adjourned.

ARTICLE III—THE CALENDAR.

1. Each case filed in the proper form, with the required data, shall be numbered serially. These Calendar numbers shall begin anew on January 1st of each year, and shall be hyphenated with the number of the year and the initials indicating the character of the case.

2. As soon as a case receives a calendar number, it shall be placed on the Docket. Thereafter the applicant shall be notified of the date his case will be set for public hearing. In building zone applications the applicant shall be notified of the date when his case will be reached in the call of the Clerk's Calendar.

3. The Clerk's Calendar Call shall be called each Monday at 2 P. M. in Room 1013, Municipal Building, Manhattan, by the Chairman or by a member of the staff detailed to such duty by the Chairman, and a date for the public hearing of each application for variation of the Building Zone Resolution shall then be set, which shall be full and sufficient notice to all persons interested in such case.

4. Thereafter each case shall be listed, by Calendar number and premises, in the Hearing Calendar printed in the Bulletin of the Board, under the title of the respective proceedings, and the date for which such case has been set.

ARTICLE IV—DISPOSITION OF CASES.

1. The final determination of any application or appeal before the Board shall be in the form of a resolution either reversing, varying or modifying the order, requirement, decision or determination appealed from and granting the application or appeal or affirming the order and denying the application or appeal or dismissing the application or appeal for lack of jurisdiction or prosecution. The concurring vote of three members shall be necessary to a decision. If a resolution fail to receive three votes in favor of the applicant, the action will be deemed equivalent to a denial and a resolution denying such application or appeal shall be formally entered on the record unless there be a member absent at the roll call and the vote of the absentee added to the number of votes for the applicant would equal three, in which case the matter will be laid over for consideration and final determination.

2. Any applicant may withdraw his application or appeal at any time prior to action thereon, with the consent of the Board, but if a motion has been made, and is pending, either to grant or to dismiss, such motion shall have precedence.

3. No application dismissed or denied can be considered again except (1) on a motion to reconsider the vote, or (2) on a request to restore to the calendar.

4. No request to grant a rehearing can be entertained

RULES

unless substantial new evidence is submitted. If, on motion of a member of the Board, adopted by three affirmative votes, the request is granted, the case shall be put on the calendar for a rehearing.

In all cases the request for rehearing shall be in writing, reciting the reasons for the request, and shall be accompanied by the necessary data and diagrams. Such request shall be filed with the Chairman. The Chairman may then set a date when the request for restoration to the calendar shall be submitted to the Board, of which date the person making the request shall be notified.

5. The Board may, on the motion of any member, review any decision that it has made and may reverse or modify such decision, but no such review shall prejudice the rights of any person who has in good faith acted thereon before it is reversed or modified.

ARTICLE V—BUILDING ZONE APPLICATIONS

1. No application for a variation or modification of the provisions of the Building Zone Resolution shall be entertained by the Board except in a specific case, and from an order, requirement decision or determination made by any Commissioner of Buildings or the Tenement House Commissioner, on the ground that the proposed plan or use violates the Building Zone Resolution.

2. No such application shall be entertained unless the application is filed within thirty days from the date of the action of the Commissioner of Buildings or the Tenement House Commissioner.

3. Every application shall be made on Form 3BZ and shall be accompanied by all the data required by such form, and shall be considered subject to such rules as the Board has adopted or may adopt under Article 5, Section 21 of the Building Zone Resolution.

4. As soon as any application is completed by the filing of the data required in Form 3BZ, the case shall receive a calendar number and shall be placed on the Clerk's Calendar, and the applicant shall be notified by the Board on Form 6CC of the time set for the call of the calendar, which shall be at least ten days after the mailing of said notice. With this notice the applicant shall be supplied with an official copy of Form 7NO, which he is required to send to every property owner entitled to notice of the application. Within three days the applicant must file a verified statement that he has so notified each of such property owners either by personal service or by registered mail. Not less than fourteen days' notice of the date fixed for calendar call in each Building Zone application shall be given by publication in the Bulletin of the Board.

5. On the call of the Clerk's Calendar the applicant shall appear in person, or by agent or attorney, and property owners affected by the application may appear either in person or by agent or attorney and present written objections they may have to the granting of the application, together with a description of their property and an affidavit of ownership. Then a date shall be set for a public hearing on the application at the earliest available date thereafter. Notice of said hearing shall be given by publication in the Bulletin of the Board.

6. On the date set for the public hearing, the applicant shall state his case, then the opposition shall be heard, and both shall have an opportunity for rebuttal.

7. Any application that has been denied after a public hearing cannot be reheard except on new material facts or a different section of the Building Zone Resolution.

ARTICLE VI—APPEALS.

1. No appeal from any order, requirement, decision or determination of the Commissioner of Buildings or the Board of Buildings or the Fire Chief and Commissioner or from any rule or regulation relating to the construction, alteration, structural changes in equipment, occupancy or use of any building or structure, under Section 719 of the

Charter, shall be entertained unless such appeal is filed on Form 1A, with all the data required in such form, within thirty days from the date of the order appealed from except that minor appeals from orders or decisions may be filed on form 1A accompanied by a written description of the premises and a copy of the order or decision. What constitutes minor appeals from orders or decisions shall be determined by the Chairman.

ARTICLE VII—LABOR LAW VARIATIONS, ETC.

1. No application for variation of the Labor Law, or of any rule adopted thereunder affecting the construction or alteration of buildings, exits therefrom, the installation of fixtures or apparatus as authorized by Section 718a, subdivision 4 of the Charter, shall be entertained unless it is made on Form 2S, with all the data required in such form, within thirty days from the date of the administrative order.

No application for approval of a device, material or method of construction shall be entertained unless it is filed on Form 4SA, with all the data required.

No application for the adoption or amendment of Rules shall be entertained unless the application is made in writing.

ARTICLE VIII—ADOPTION OF RULES.

1. No resolution of the Board of Standards and Appeals adopting or amending any rule or regulation under subdivisions 2 or 3 of section 718-a of the Charter or any other law shall be adopted unless such proposed rule or regulation shall have been published in the Bulletin of the Board for at least ten days prior to a public hearing thereon. Three affirmative votes of the Board shall be necessary for the adoption of such resolution.

2. Amendments to these Rules of Procedure may be made by the Board of Standards and Appeals at any regular session, providing notice of such amendment has been given to each member of the Board three days prior to such session, either in writing or by publication in the Bulletin. Any rule of procedure may be suspended at any session by the concurring vote of three members.

ARTICLE IX—OTHER RESOLUTIONS.

1. Every resolution of the Board of Standards and Appeals suggesting changes or amendments to the law under subdivision 5, section 718-a of the Charter and every resolution not otherwise provided for shall require at least three affirmative votes for its adoption.

ARTICLE X—INSPECTIONS.

1. In any case in which the Board may deem it necessary, an inspection of the premises in question may be ordered by the Board. Such inspection shall be made by the Chairman and by two or more members designated by him, and they shall report their findings to the Board.

ARTICLE XI—TESTS.

1. In any case in which the Board may order a test of any material or device, such test shall be conducted according to the rules adopted by the Board for the use, of such material or device. Test shall be conducted under the supervision of an Assistant Engineer and/or in the presence of such member or members of the Board or staff as the Chairman may designate, or in lieu of the above, tests may be made of material and devices by a recognized standard testing laboratory, city or state department, but the Board reserves the right to be present at such test. The result of such test shall be reported to the Board in writing. Three affirmative votes of the Board shall be necessary for the approval of the use of such material or device.

ARTICLE XII—RECORDS.

1. All applications and appeals shall be on the required forms, and all communications, reports, etc., relative to any matter appearing on the calendar, shall be on sheets approximately 8½ in. by 11 in. in size. Plans shall be on sheets 8½ in. by 11 in. or multiples thereof unless otherwise ap-

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proved by the Chairman. After final disposition, all applications and appeals and other papers appertaining thereto shall be suitably bound and indexed and filed numerically in cabinets. All applications and appeals shall upon application to the clerk in charge be accessible to the public at all reasonable hours.

ARTICLE XIII—THE BULLETIN.

1. The Bulletin of the Board of Standards and Appeals shall be published on Tuesday of each week. It shall contain:
 - (1) Directory of the Board.
 - (2) Docket.
 - (3) Clerk's Calendar Call.
 - (4) The Hearing Calendar.
 - (5) Notice of hearing on building zone applications and on proposed rules or the amendment of rules.
 - (6) An abstract of the minutes of each meeting, including a brief statement of the action in each case, with the roll call thereon and the full text of the resolutions adopted.
 - (7) Rules adopted.
 - (8) Such other information as may be of value to the public and within the scope of the work of the Board.
2. The preparation and editing of material for the bulletin shall be in charge of such members of the staff as the Chairman shall designate.

ARTICLE XIV—OFFICERS.

1. The Chairman shall preside at all sessions. The Chairman may designate any member of the Board to preside and perform the duties of the Chair at public sessions.
2. The Chairman, subject to these rules, shall decide all points of order or procedure, unless otherwise directed by a

majority of the Board in session at that time.

3. The Chairman shall designate the members of the Board to make an inspection, and, unless otherwise directed by the vote of three members of the Board, shall appoint any committee that may be deemed necessary.

4. The Chairman shall report at each session on all pertinent official transactions that do not otherwise come to the attention of the Board.

5. Administrative authority is vested solely in the Chairman of the Board who shall, subject to these rules, transact all official business of the Board, engage the necessary employees and direct the work of the office. Official correspondence shall be signed by the Chairman and by such members of the staff as the Chairman may designate.

6. Subject to these rules and the direction of the Chairman, the Chief Clerk shall have charge of all accounts and see that the files and indices are kept in proper order and up to date, and generally supervise the clerical work of the office force, maintaining discipline in accordance with the rules of the office and charter provisions.

7. Subject to these rules and the direction of the Chairman, the Assistant Engineers shall examine and report on all applications or appeals, prepare all proposed rules or revised rules suggested with report on the reasons and necessity for same; supervise and witness the tests conducted under the auspices of the Board, and assist generally in all technical matters coming before the Board.

8. A complete stenographic record of the transactions at public sessions shall be made for the files, including verbatim transcripts of such parts as may be directed, and there shall be prepared, after each meeting and in time for the next publication of the Bulletin, the abstract of the minutes which is to appear in such Bulletin.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

<i>Name of Pump</i>	<i>Calendar No.</i>	<i>Name of Pump</i>	<i>Calendar No.</i>
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Monroe Oil Pump	658-26-SA
Beach Russ Co. Rotary	1134-22-SA	Northern Rotary	1396-24-SA
Blackmer Rotary	935-24-SA	Pascoe Pump Set	1029-26-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Century Rotary	908-21-SA	Quiet May Gerotor Pump	267-32-SA
Cook Electric Oil Pump	603-25-SA	Quimby Screw Pump	1193-21-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA

RULES

OIL BURNER RULES

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals
June 15, 1934

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

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STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester. (American Society for Testing Materials Method D93-22.)

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited unless complying with flash point requirement in paragraph (a) above and is used with burners designed to burn No. 5 U. S. commercial standard grade oil.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or more shall be built of new full weight American open hearth tank steel, free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and head plates shall be U. S. Standard 12 gauge (.109"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All 275-gallon storage tanks shall have permanently affixed the approval label of a nationally recognized standard testing laboratory not operated for commercial profit. They shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding hydrostatic test of 10 pounds per square inch without permanent deformation, rupture or leakage.

(e) All storage tanks of more than two hundred and seventy-five (275) gallons' capacity shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding a hydrostatic test without permanent deformation, rupture or leakage as follows:

(1) Oval, obround, rectangular, or specially shaped storage tanks, twenty pounds per square inch:

(2) Cylindrical storage tanks, fifty pounds per square inch.

(f) All cylindrical storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface.

(g) All buried storage tanks shall be thoroughly coated on the outside with hot tar, asphaltum, or other equivalent rust-resisting material; and where the tank is 48 inches or less in diameter the shell shall have a thickness of not less than $\frac{3}{16}$ of an inch and where the tank is over 48 inches in diameter the shell shall have a thickness of not less than $\frac{1}{4}$ of an inch.

(h) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers permanently sealed; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 2. Vertical Above-Ground Storage Tanks.

(a) All vertical above-ground storage tanks shall be built of new full weight American open hearth tank steel free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and bottom plates shall be one-quarter inch ($\frac{1}{4}$ ") and the minimum thickness of roof plates shall be one-eighth inch ($\frac{1}{8}$ ") and in no case shall the construction of the tank be less than the standard requirements of American Petroleum Institute specifications.

(b) The roofs of vertical storage tanks shall be designed to shed water and shall be permanently grounded to the tank shell. This, however, shall not exclude the use of floating steel decks.

(c) All above-ground storage tanks shall be electrically grounded.

(d) Vertical above-ground storage tanks shall be without permanent deformation and shall show no leaks when completely filled with water for test purpose prior to filling with oil.

Section 3. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

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Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimensions six inches (6") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than one foot (1') above the top of the tank and the space between the tank and the walls of the enclosure shall be completely filled with clean sand or well tamped earth.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "

If distant 50 feet.....	48,000 gallons
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper or brass tubing, may be used. Flexible metal tubing, when used for conveying oil shall be adequately protected. Soldered connections are prohibited.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not

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less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. Such fill pipe terminal shall be not more than twenty feet (20') from the curb or private right of way.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil" on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch.

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Commissioner.

(b) Applications for approval for permit shall be made by the installer on forms furnished by the administrative official and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued until the installation has been inspected by a representative of the administrative official.

RULES

Section 2. Plans.

Except for installations in dwellings as defined in these rules the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried. Such tanks shall not be installed until the location of the tank has been approved by the Commissioner of Buildings.

Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks of two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty (20) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of ten minutes, released for five minutes, and again applied for a period of ten minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the administrative official. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be tested to prove their operation following the test of tank and piping.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the administrative official giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No rubbish or other combustible material shall be stored or maintained within five feet (5') of heating apparatus.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath such devices protected by a $\frac{1}{2}$ " asbestos or equivalent shield extending at least twelve (12") inches beyond the outline dimensions of such device.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand.

Rule 15. Instruction Cards.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity [Rule 4(b)] are installed, there shall also be posted a copy of the approval specifications in addition to the instruction card herein provided for.

(b) For manually operated systems not fully automatic the operator shall obtain a certificate of fitness from the fire commissioner.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, or when additional protection is necessary, the administrative official shall have power to accept substitute methods so that the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules applicable thereto shall be deemed acceptable.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

592-32-SA—Ameroil Oil Burner for Stoves and Ranges.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

126-33-SA—Tower Range Oil Burner.

162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

349-33-SA—Herco Oil Burner.

32-34-SA—Super Oil Burner for Pressing Machine.

92-34-SA—Autocall Interior Fire Alarm Signal Systems.

125-34-SA—American Oil Burner.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

221-34-SA—The Ohio Pattern Works Foundry Co. Curb Fill Box (Gasoline).

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

302-34-SA—Loyalty Range Burner.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

13-35-SA—Nairoil Oil Burner, Type R, Model E.

17-35-SA—Toridheet Oil Burner, Model G.

29-35-SA—Aetna Range Oil Burner.

30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

54-35-SA—Putnam Range Oil Burner.

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

85-35-SA—Greenawalt Down Draft Combustion Oil Burning Furnace.

89-35-SA—Siphon-Proof Water Closet, Type "A".

97-35-SA—Roper Rotary Pump for Fuel Oil.

98-35-SA—Heat King Oil Burner, Model 2.

99-35-SA—Kleen Heet Oil Burner, Type 902.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.	
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MISCELLANEOUS APPLICATIONS.	
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Requests to rescind	0
Requests for extension of time	24
Requests for extension of permit	4
Requests for mechanical installations	0
Requests for approval of plans	5
Administrative requests	0
Requests for interpretation	0
Total	570
Disposed of	421
Cases pending May 1, 1935	149

DISPOSITION OF CASES.	
Withdrawn	15
Dismissed	6
Denied	41
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Granted on condition	64
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Appliances dismissed, disapproved or withdrawn.....	3
Rules approved	1
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.	
Requests to reopen granted	137
Requests to reopen denied	5
Requests to amend granted	73
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	0
Requests to rescind denied	0
Requests for extension of time granted	24
Requests for extension of time denied	0
Requests for extension of permit granted	4
Requests for extension of permit denied.....	0
Requests to install granted.....	0
Requests to install denied	0
Plans approved	5
Plans disapproved	0
Administrative requests granted.....	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	9
Total	421

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be allowed to be hung up by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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NEW

BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

MAY 14, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 20

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, May 7, 1935, at 2 P. M.

Correction.

Rules for Refrigerating Systems.

Fire Retarding Rules for Garages, etc.

Approved Burners for Industrial Use.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

THE LIBRARY OF THE
MAY 23 1935

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, May 13, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, May 20, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

New Cases Filed up to May 8, 1935.

Cal. No.	Department.	Premises Affected.
116-35-BZ.....	D.B.Q.....	103-44 Springfield boulevard, northwest corner of Hollis avenue (Block 2008, Lot 22A), Queens Village, Queens, Applic. 2673-35.
115-35-BZ.....	D.B.M.....	361-363 West 23rd street (Block 747, Lot 10), Manhattan, Applic. 60-35.
114-35-BZ.....	D.B.M.....	214 West 59th street (Block 1030, Lot 42), Manhattan, Alt. 215-35.

Restored to Calendar.

35-34-BZ.....	D.B.M.....	74 Wadsworth avenue, northwest corner of West 176th street (Block 2145, Lot 54), Manhattan, Decision.
491-31-SA.....	F.D.....	Superfex Heat Projector, Appliance.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

	Last Publication in Bulletin
Certificate of Occupancy, approved forms	Aug. 2, 1932—Vol. 17 No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19 No. 49
Concrete Rules (Hydrated Lime)...	Apr. 30, 1935—Vol. 20 No. 18
Elevator Rules	July 3, 1934—Vol. 19 No. 27
Exit Rules (Revolving Doors)....	Jan. 1, 1935—Vol. 20 No. 1
Factory Exit Rules	Dec. 11, 1934—Vol. 19 No. 50
Fire Alarm Rules (Interior).....	Nov. 20, 1934—Vol. 19 No. 47
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Fireproof Wood, Testing of.....	Apr. 9, 1935—Vol. 20 No. 15
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Structural Alterations, Reporting..	June 7, 1932—Vol. 17 No. 23
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)...	Apr. 10, 1923—Vol. 8 No. 15

LIST OF APPROVED APPLIANCES

Anti-Siphon Valves	Mar. 5, 1935—Vol. 20 No. 10
Fireline Hose Valves.....	May 14, 1935—Vol. 20 No. 20
Fuel Oil Burners for Domestic and Commercial Use.....	Apr. 30, 1935—Vol. 20 No. 18
Fuel Oil Burners for Industrial Use.	May 14, 1935—Vol. 20 No. 20
Fuel Oil Pumps.....	May 7, 1935—Vol. 20 No. 19
Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19 No. 48
Range Oil Burners and Space Heaters	May 7, 1935—Vol. 20 No. 19

COURT DECISIONS

Peabody vs. Board of Standards and Appeals—May 22, 1934, Board denied application to change part of existing dwelling to stores, in residence district, under section 21. Cal. No. 59-34-BZ; Premises 94-100 Clark street and 1 Monroe place, southwest corner, Brooklyn. Mr. Justice Cuff sustained Board (N. Y. L. J. May 4, 1935).

* * *

Matter of Regina Boulevard Corpn. (Murdock &c)—April 17, 1934, Board denied application for gas station (previously withdrawn) in business district, under section 21. Cal. No. 512-31-BZ; Premises southeast corner Mott avenue and Regina boulevard, Far Rockaway, Queens. Mr. Justice Faber appointed Referee (N. Y. L. J. Aug. 15, 1934). App. Div. reversed appointment of Referee and remitted matter to Special Term for determination on the merits. N. Y. L. J. May 7, 1935).

CALL OF CLERK'S CALENDAR MONDAY, MAY 13, 1935, AT 2 P. M.

Building Zone Cases.

27-35-BZ.
APPLICANT—John J. Dunnigan, for Bertha Schrank, owner.
PREMISES—3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station.

73-35-BZ.
APPLICANT—Max Hausle, for Mary Entenman, owner.
PREMISES—1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop.

352-32-BZ.
APPLICANT—David S. Lang, for Max Goldman, owner.
PREMISES—3305-3311 Boston road and 1152 East 211th street, southwest corner (Block No. 4705, Lot Nos. 62-65), The Bronx.

APPLICATION, under sections 7f & 21 of the building zone resolution (reopened February 13, 1935),
TO PERMIT in a business district the maintenance of a gasoline service station (previously granted by the Board for a temporary period—the temporary period has expired).

MAY 14, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 14, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CALENDAR

CAL. NO. 92-31-BZ—Application of Abraham N. Horwitz, on behalf of Sarah Raskin and Yetta Raskin, owners, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period; denied by the Board for a permanent maintenance and referred back to the Board by the court); premises 8401-8411 Flatlands avenue and 76th East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

CAL. NO. 56-35-BZ—Application, March 2, 1935, under section 21 of the building zone resolution, of Landi & Landi, applicants, on behalf of Diego Aiello, owner, to permit on a plot of ground located in a business district the erection and maintenance of a motor vehicle repair shop and, also, the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles; premises 13-21 Truxton street, north side, 100 feet west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

CAL. NO. 59-35-BZ—Application, March 7, 1935, under section 21 of the building zone resolution, of William W. Knowles, applicant, on behalf of William L. Savacool, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens.

CAL. NO. 71-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of John Krupski, applicant and owner, to permit in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehicle; premises 147-15 Brinkerhoff avenue, north side, 100 feet east of Liverpool street (Block No. 2725, Lot Nos. 412 and 414), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

MAY 14, 1935, 2 P. M.

Appeals from Administrative Orders

- 348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.
- 57-35-A—1400 51st street and 5101 14th avenue, southeast corner (Block No. 5657, Lot No. 7); adjoining building 5107 14th avenue, Brooklyn.
- 78-35-A—436-440 Lafayette street (Block No. 545, Lot No. 34), Manhattan.

Appliances Submitted for Approval

- 108-35-SA—Concord Burner.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, May 14, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 349-34-BZ—Application, December 12, 1934, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Blanche Rosenberg, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

CAL. NO. 182-30-BZ—Application of Marshall and Marshall, on behalf of Jennie Macdonald, owner, reopened February 19, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station (previously withdrawn); premises 8918-8932 Fourth avenue, northwest corner of 90th street (Block No. 6064B, Lot No. 65), Brooklyn.

CAL. NO. 55-35-BZ—Application, March 2, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Esther Weiss, owner, to permit in a business district the erection and

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maintenance of a gasoline service station; premises 5255-5265 Kings Highway and 5302 Preston court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

CAL. NO. 315-34-BZ—Application, November 13, 1934, under section 21 of the building zone resolution, of Sidney L. Strauss, applicant, on behalf of John H. Gerken, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 63-71 Hopkins street and 460-468 Marcy avenue, northwest corner (Block No. 1719, Lot Nos. 43 to 49, inclusive), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR MONDAY, MAY 20, 1935, AT 2 P. M.

Building Zone Cases.

74-35-BZ.

APPLICANT—Charles B. Meyers, for Zex Realty Corp., owner.

PREMISES—2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station.

82-35-BZ.

APPLICANT—Benjamin Millstein, for Millie Siegel, owner.

PREMISES—210 West 88th street (Block No. 1236, Lot No. 41), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of part of an apartment house to business use.

83-35-BZ.

APPLICANT—Benjamin Millstein, for Millie Siegel, owner.

PREMISES—204 and 206 West 88th street (Block No. 1236, Lot Nos. 38 and 39), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of part of two (2) apartment houses to business use.

MAY 21, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 21, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 80-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Kavy and Kavovitt, Inc. applicants, on behalf of Sophia A. Seidman and Estate of Sarah Newland, owners, to permit on a plot of ground located in a residence use and also partly in a "C" area

and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements; premises 1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

CAL. NO. 441-31-BZ—Application, September 9, 1931, under section 7f of the building zone resolution, of Michael Giventer, applicant, on behalf of Isidor Popkin, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board March 29, 1932; restored to active Calendar April 30, 1935); premises 7702-7704 Flatlands avenue, southeast corner of East 77th street (Block No. 8014, Lot No. 1), Brooklyn.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

CAL. NO. 77-35-BZ—Application, March 21, 1935, under section 21 of the building zone resolution, of Philip Bardes, applicant, on behalf of Barilio Giovannini, owner, to permit partly in a business district and partly in an unrestricted district the alteration and change of occupancy of part of an existing building to a motor vehicle repair shop and, also, garage for more than five (5) motor vehicles; premises 16 Morton street, south side, 49 ft. 5¾ in. east of 7th avenue (Block No. 586, Lot No. 55), Manhattan.

HARRIS H. MURDOCK, *Chairman*.

MAY 21, 1935, 2 P. M.

Appeals from Administrative Orders.

37-35-A—98-100 Beard street, northwest corner of Richards street (Block No. 604, Lot No. 16), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

Building Zone Applications.

NOTICE IS HERBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 21, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corpora-

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tion, owner, reopened March 5, 1935, by order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

CAL. No. 44-35-BZ—Application, February 18, 1935, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Henry A. Bonori, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, MAY 27, 1935, AT 2 P. M.

Building Zone Cases.

257-33-BZ.

APPLICANT—Alfred H. Eccles, for Oliver Holding Corp., owner.

PREMISES—41-22 to 41-48 46th street, west side, 100 ft. north of 43rd avenue and 41-23 to 41-47 45th street (Block No. 156, Lot Nos. 5 and 31), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution, (reopened May 22, 1934).

TO PERMIT in a residence district the maintenance of an open air parking space and a small office building.

492-29-BZ.

APPLICANT—Charles Schaefer, Jr., for Theobald Bros. Corporation, owner.

PREMISES—2183-2185 Grand Concourse, west side, 154.94 ft. south of East 182nd street (Block No. 3162, Lot No. 30), The Bronx.

APPLICATION, under section 21 of the building zone resolution, (reopened December 11, 1934).

TO PERMIT in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores).

61-35-BZ.

APPLICANT—W. H. Harrington, for Jos. L. Fries Co., Inc., owner.

PREMISES—307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

MAY 28, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 28, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. No. 340-23-BZ—Application of Clarence F. Kaltenbach, owner, reopened November 20, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and conversion of a portion of a garage (previously granted by the board) so as to extend an existing gasoline service station; premises 888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Brooklyn.

HARRIS H. MURDOCK, *chairman.*

MAY 28, 1935, 2 P. M.

Appeal from Administrative Order.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 28, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. No. 53-31-BZ—Application of Isaac T. Flatto, owner, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period); premises 301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, Lot No. 63 and part of Lot Nos. 62 and 64), The Bronx.

CAL. No. 50-35-BZ—Application, February 21, 1935, under section 21 of the building zone resolution, of August Staiano, applicant, on behalf of Francis G. Hooley and Sara Wilson, owners, to permit on a plot extending from a business district into a residence district the erection and maintenance of a gasoline service station on the business part of the plot; premises 1264 Castleton avenue, south side, 272.09' east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Richmond.

HARRIS H. MURDOCK, *Chairman.*

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY MORNING, MAY 7, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

44-35-BZ.

APPLICANT—Kennedy & Ellner, for Henry A. Bonori, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

APPEARANCES—

For Applicant: William E. Kennedy, Otto C. Wirth, Thomas M. Walsh, John Patrigoni, Nicholas Catelanos, Clarence Leventhal, Henry A. Bonori.

For Opposition: Rose Neiderman, Margaret Kearney, James F. O'Kelly.

ACTION OF BOARD—Laid over to May 21, 1935, at 2 P. M., for report of committee on inspection. No further argument.

53-31-BZ.

APPLICANT—Isaac T. Flatto, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period; reopened February 13, 1935).

PREMISES AFFECTED—301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, Lot No. 63 and part of Lot Nos. 62 and 64), The Bronx.

APPEARANCES—

For Applicant: Isaac T. Flatto.

For Opposition: Vincent J. Cuti (objection withdrawn at hearing).

ACTION OF BOARD—Laid over to May 28, 1935, at 2 P. M. for applicant to submit plans. No further argument.

50-35-BZ.

APPLICANT—August Staiano, for Francis G. Hooley and Sara Wilson, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit on a plot, extending from a business district into a residence district, the erection and maintenance of a gasoline service station, on the business part of the plot.

PREMISES AFFECTED—1264 Castleton avenue, south side, 272.09 ft. east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Borough of Richmond.

APPEARANCES—

For Applicant: Frank R. Roughan, August Staiano.
For Opposition: Herman Osmers, Lillian Miesegaes, Mildred Long.

ACTION OF BOARD—Laid over to May 28, 1935, at 2 P. M., for report of committee on inspection. No further argument.

872-28-BZ.

APPLICANT—Eugene De Rosa, for John A. McCarthy, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration and reconstruction of a portion of stores (previously granted by the board) into a motion picture theatre (reopened January 29, 1935).

PREMISES AFFECTED—2311 Grand Concourse, northwest corner of East 183rd street (Block No. 3164, Lot No. 31), The Bronx.

APPEARANCES—

For Applicant: Eugene De Rosa.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kid-

ney	4
Negative	0
Absent	0

THE RESOLUTION—

(872-28-BZ).

WHEREAS, this application affecting premises 2311 Grand Concourse, north west corner of East 183rd street (Block No. 3164, Lot No. 31), Borough of The Bronx, was granted by the board April 2, 1929, permitting the erection and maintenance in a residence district extending partly into a business district of a business building (stores); and

WHEREAS, these stores were erected and the owner, John A. McCarthy, through his architect, Eugene De Rosa, made an application for permission to alter and reconstruct a portion of these stores into a motion picture theatre; and

WHEREAS, this application was reopened by a vote of the Board, January 29, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 7, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Grand Concourse is in a residence district; East 183rd street is in a business and residence district and Creston avenue is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 10, 1934, re Applic. Alt. 597/33, reads:

"1. Proposed change of occupancy contrary to conditions of approval of Board of Standards and Appeals. Cal. No. 872-28-BZ. January 28, 1930."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 147 ft. on Grand Concourse and 104 ft. on East 183rd street, the southwest portion of the plot (having a frontage of 25 ft. on East 183rd street and a depth of 100 ft.) is in the business district and the remainder is in the residence district—upon this plot there is located a one-story business building (stores) granted by the board April 2, 1929. Plans filed show a 4 ft. wide court along the west wall of the existing building. It is proposed to alter part of the existing structure and to erect upon part of the existing 4 ft. wide court and upon that part of the plot where the stores will be removed, a motion picture theatre having a seating capacity for 600 persons. The entrance lobby to be located on the Grand Concourse front of the structure; and

WHEREAS, the board deemed that applicant had substantiated the bases of his application under section 21 of the building zone resolution and that the application should be granted.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution adopted on April 2, 1929 as amended January 28, 1930, by adding thereto the following:

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"That this building which has been erected under this variation may be altered generally in accordance with plans marked "Received March 26, 1935" to permit the construction of a motion picture theatre at the rear, as indicated, seating not over 599 persons, with a lobby extending to the Grand Concourse, as indicated, through the northerly portion, *on condition* that approval of the site shall be obtained from the commissioner of licenses and that all laws, rules and regulations applicable thereto shall be complied with and *on further condition* that there shall be no marquee erected on the Grand Concourse front; that advertising shall be limited to an illuminated sign attached to the building and erected over the entrance, this sign not to exceed 10 feet in height and

not to extend beyond the building line more than 4 feet and also to flat signs attached to the building on either side of the main entrance, such signs to be constructed with neat frames and such signs not to exceed 25 square feet in area each, that other than as amended herein, the resolution adopted by the Board on January 28, 1930, shall be complied with in all respects, except that all plans in connection with this alteration shall be filed with the Commissioner of Buildings within six months and all work completed within one year from the date of this amended resolution."

Adjourned, 12:25 P. M.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, MAY 7, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the Board, held on Tuesday morning, April 30, 1935, and the minutes of the regular meeting of the Board, held on Tuesday afternoon, April 30, 1935, were approved as printed in Bulletin No. 19, Vol. XX.

BUILDING ZONE CASES.

35-34-BZ.

APPLICANT—Samuel Roth, for Fannie Levy, owner.

SUBJECT—Application for reopening—reconsideration under new proposal—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a residence district and partly in a business district the erection and maintenance of a building to be used as a store and also a motor vehicle repair shop (previously denied for a gasoline service station).

PREMISES AFFECTED—74 Wadsworth avenue, northwest corner of West 176th street (Block No. 2145, Lot No. 54), Manhattan.

APPEARANCES—

For Applicant: Samuel Roth.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

330-29-BZ.

APPLICANT—Lama and Proskauer, for Frederick Prisco, owner.

SUBJECT—Application reopened April 16, 1935 for consideration as to extension of permit—re Application (decision of the superintendent of buildings) under section 7f of the building zone resolution, permitting, partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southwest corner of Kissena road and Vleigh road (Block No. 2395, Lot No. 1), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(330-29-BZ)

WHEREAS, this application affecting premises south west corner of Kissena road and Vleigh road (Block No. 2395, Lot No. 1), Flushing, Borough of Queens, was granted by the board December 20, 1932, under section 7, subdivision F, on certain conditions; and

WHEREAS, the owner through his architect, Alfred A. Lama, requested an extension of the temporary period permitting partly in a business district and partly in a residence district the maintenance of a gasoline service station; and

WHEREAS, this application was reopened by vote of the board April 16, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 7, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Kissena road is in a business district Vleigh road (70th road) is in a residence district; and 71st avenue is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered October 28, 1932 re Plan No. N. B. 2802/1932, reads:

"The erection of a gasoline service station in a business district and residence district is contrary to zone law; not further examined."

and

WHEREAS, the premises consists of a plot of ground having a frontage of 104.85 feet on Kissena road and 133.27 feet on Vleigh road; an irregular section of the westerly portion of the plot extends into the residence district—the remainder is in the business district; proposes to erect on the plot a one story office 20 feet by 20 feet in area, grease pits and the necessary tanks and pumps for a gasoline service station.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted, under section 7, subdivision f, for a temporary permit for two (2) years from the date of this action for the use of the premises as a gasoline service station, *on condition* that all pumps shall be set back at least 10 feet from the street line; that there shall be not more than two (2) entrances to gasoline service station on Kissena road and not more than one (1) on Vleigh road, each entrance to be not more than 12 feet

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wide, and in the event that curbing is installed during the term of this temporary permit, that openings not more than 14 feet wide shall be made in the curb opposite these entrances only; that any buildings for accessory use shall be limited to one story in height, located substantially as shown on plans submitted, approximately at the rear lot line, and to be of the size and in accordance with the elevations appearing on the drawings submitted; that there shall be no advertising signs installed except the usual signs on the globes of the gasoline pumps and a flat sign on the facade of the building; that no portable gasoline pumps shall be used on or from the property, and that all permits shall be obtained within six months and any work involved shall be completed within one year from the date of this action.

157-30-BZ.

APPLICANT—William H. Healy, for George Schrank, owner.

SUBJECT—Application reopened April 16, 1935, for consideration of an amendment to the resolution—re Application (decision of the superintendent of buildings) under sections 7b and 21 of the building zone resolution, permitting, partly in a residence district and partly in a business district, the alteration and change of occupancy of part of the first story of an existing building from a two-car garage (accessory use) to a store.

PREMISES AFFECTED—1601 Avenue U, northeast corner of East 16th street (Block No. 7321, Lot No. 48), Brooklyn.

APPEARANCES—

For Applicant: William H. Healy.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(157-30-BZ)

WHEREAS, this application affecting premises 1601 Avenue U, north east corner of East 16th street (Block No. 7321, Lot No. 48), Borough of Brooklyn, was granted on certain conditions by the board March 31, 1931, permitting in a residence use district extending from a business use district the alteration and change of occupancy of part of the first story of a building from a private garage to a business use (store); and

WHEREAS, the owner, through his agent, William H. Healy, requested a reopening of the case and an amendment of the resolution and the case was reopened by vote of the board on April 16, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 7, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Avenue U is a business district; East 16th, East 15th and East 17th streets are residence districts; and

WHEREAS, the decision of the Commissioner of Buildings, rendered March 13, 1931, re App. No. 14461-1931, reads:

"Proposed change in occupancy of rear portion of first floor from a two-car garage (accessory use) to a business use for store purposes and which extends 5 feet 0 inches into a residential zone from a business zone, contrary to article 2, section 6, paragraph 2. Therefore, application disapproved."

and

WHEREAS, the building is of non-fireproof construction, 2 stories in height, with a frontage of 40 feet and a depth of 105 feet occupied as dwelling and stores under a variation granted by the board; it is proposed to remove a

portion of the brick wall on the street front and extend the show window; and

WHEREAS, the board deemed that applicant had substantiated the bases of his application under section 7-B of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted under section 7-B of the building zone resolution, for an extension from the business district into the residence district for a distance of 5 feet for the first story only on condition that there shall be erected on the building line of the 5 feet extending into the residence zone for one story in height, an unpierced masonry wall 17 inches in width of the same architecture, texture and material as the balance of the building now on the property; the balance of this 5 foot portion to be occupied by a show window; that the building shall be confined to a two-story building, business on the ground floor and dwelling in the second story in the residence portion; that the use of the stores within the residence portion shall be confined to that of mercantile stores or executive offices, prohibiting fish market, delicatessen store and meat market; that in the residence portion of the property there shall be no merchandise displayed outside of the building line; that no advertising signs of any nature or description shall be displayed within the residence portion of the premises; that all permits shall be obtained within six months and any work involved thereby shall be completed within nine months from the date of this action.

13-33-BZ.

APPLICANT—Lama and Proskauer, for Still-Kings Realty Corp., owner.

SUBJECT—Application reopened April 16, 1935 for consideration of an amendment to the resolution—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1552-1560 Stillwell avenue, southwest corner of Kings Highway (Block No. 6253, Lot No. 29), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(13-33-BZ)

WHEREAS, this application affecting premises 1552-1560 Stillwell avenue, southwest corner of Kings Highway (Block No. 6253, Lot No. 29), Borough of Brooklyn, to permit in a business use district the erection and maintenance of a gasoline service station was granted by the board May 16, 1933 on certain conditions and plans approved June 6, 1933, application amended December 5, 1933 and July 10, 1934; and

WHEREAS, the owner, through his architects, Lama and Proskauer, requested a reopening of the case and an amendment of the resolution and the case was reopened by vote of the board on April 16, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 7, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Kings Highway is in a business district; Stillwell avenue is in a business district; and

MINUTES

WHEREAS, the decision of the commissioner of buildings, rendered January 11, 1933, re Applic. No. 13425-1932, reads:

"Application re-denied. Use contrary to zoning resolution—article 11, section 4; gasoline service station not permitted in a business district;"

and
WHEREAS, the premises consist of a plot of ground having a frontage of 83 feet 8 inches on Kings highway and 86 feet 8 inches on Stillwell avenue—upon which it is proposed to erect a one-story building 22 feet by 60 feet in area to be used as office, grease pits and auto laundry and also, to install the necessary tanks and pumps for a gasoline service station.

Resolved, that the resolution adopted by the board on May 16, 1933, as amended by resolution approving plans of June 6, 1933, as further amended by resolution of July 10, 1934, be and it hereby is *amended* so that all advertising signs shall be limited to the illuminated globes of the gasoline pumps and to permanent flat signs placed against the accessory buildings or against the brick wall, excluding all temporary signs of every nature but permitting the erection of one post standard erected within the building line at the westerly end of the property, this sign to carry an illuminated sign which may overhang the building line not exceeding 8 feet and advertising only the brand of gasoline on sale and also permitting a similar sign to be erected on the Stillwell avenue front within the building line near the southerly line of the property; that other than as amended herein the resolution of the board adopted May 16, 1933, as amended June 6, 1933 and July 10, 1934, shall be complied with in all respects.

624-26-BZ.

APPLICANT—Leopold Spitz, for Apa Realty Corporation, present owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (erected under a temporary variation granted by the board) for an additional temporary period of two (2) years.

PREMISES AFFECTED—Southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35) Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Leopold Spitz,

For Opposition: Edward A. Kole.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners, Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(624-26-BZ)

WHEREAS, this application affecting premises southwest corner of Kissena boulevard and Nassau boulevard (Block No. 2167, Lot No. 35), Flushing, Borough of Queens, to permit in a business district the maintenance of a gasoline service station, was granted by the board under section 21, October 26, 1926, on certain conditions, time extended October 25, 1927, and another application for additional time to complete work denied November 27, 1928; the case was reopened June 7, 1932, and granted November 18, 1932, under section 7, subdivision F for a temporary period of two years and the applicant now requests an extension of the permit for an additional period of two years; and

WHEREAS, this application was reopened by a vote of the board on November 13, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 7, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Horace Harding boulevard is business; Kissena boulevard is business; Reeves avenue is business and 61st place is business and residence; and

WHEREAS, the decision of the commissioner of buildings, rendered January 23, 1935, re Cor. No. 89, reads:

"In response to your communication of the 22nd inst., please be advised that the Board of Standards and Appeals, under their resolution in 614/26-BZ permitted the establishment of a gasoline service station on the premises, southwest corner Kissena boulevard and Nassau boulevard, Queens, for a period of time expiring November 18, 1934. This department, acting in pursuance to that resolution, issued a certificate of occupancy No. 49858.

"Since the premises are located within a business district, this department is without power to extend the time limit for operation of a non-conforming use. Power to extend lies with the Board of Standards and Appeals."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 82.9 feet on Nassau boulevard, 35.2 feet on Kissena boulevard, and 120.7 feet on Reeves avenue, upon which are located a one-story office 12 feet by 20 feet in area, two grease pits and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board report of which inspection was read at the hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal. No. 624-26-BZ

Premises: Southwest corner of Kissena boulevard and Nassau boulevard, (Horace Harding boulevard), (Block No. 2167, Lot No. 35), Flushing, Queens.

This is an application under section 7, subdivision F, for an extension of two years of the zoning variation granted November 18, 1932. At that time the Board as then constituted, granted this application having found that the area could be considered undeveloped within the meaning of section 7, subdivision F. Prior to November 18, 1932, the board had granted the application under section 21 but the permit was annulled by the board's later refusal to extend the time to complete.

This station has existed only since it was granted under section 7-F in November 1932 for two years and this is the first application for an additional two years. It is in an area zoned for business. A committee of the board has visited the site on two occasions before and since the hearing and has read the minutes of the previous hearings. Whatever action the board took was apparently after investigating the claims made by those in opposition and there is nothing new now presented to substantiate any fraud or deceit not formerly considered and disposed of by the board's action of 1932.

The committee cannot find that within the past two years further development has taken place within the area of notification. Beyond such area there have been several houses constructed. As the meaning of an undeveloped area under section 7, subdivision F, is now viewed by the board, this section, while sparsely settled cannot now be called undeveloped but as this board is a continuing board it must hold to previous findings unless good reasons exist to the contrary.

The diagram filed is not strictly correct in that it fails to show an existing gasoline station on city property within the bed of Horace Harding boulevard which station is subject to removal when the widening takes place. It is the opinion of the committee that the gasoline station under this application is not for the present at least interfering with the conforming development of this section and the recommendation is that the applica-

MINUTES

tion be granted for an additional period of two years from November 18, 1934, under section 7-F.

(Signed) HARRIS H. MURDOCK,
Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the granting of this application and the board deemed that the applicant had substantiated the basis of his application.

Resolved, that the resolution adopted by the board on November 18, 1932 be and it hereby is amended, so that as amended the resolution in reference to term will read:

Resolved that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is "granted under section 7, subdivision (F) for a temporary period of two years from November 18, 1934, on condition that all pumps shall be set back not less than 10 feet from the building lines; any accessory use to the business conducted on the premises shall be confined to one-story structures; there shall be but two entrances to the gasoline station on Nassau boulevard and two entrances on Reeves avenue, each not more than 12 feet wide, with curb cuts not more than 14 feet wide each; there shall be one entrance on Kissena boulevard, not more than 12 feet wide, with curb cut not more than 14 feet wide; that no part of the gasoline station or the equipment or fence enclosing same shall extend beyond the area of the plot under appeal to include any adjacent property; that other than as amended herein, the resolution adopted by the board on November 18, 1932 shall be complied with in all respects."

540-27-BZ.

APPLICANT—Bernard Austin, for Anhil Realty Corporation, owner.

SUBJECT—Application reopened March 5, 1935, for consideration of amendment by Order of the Court re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution to permit in a business district the maintenance and operation of unenclosed grease pits in connection with a gasoline service station previously granted by the board.

PREMISES AFFECTED—725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Brooklyn.

APPEARANCES—

For Applicant: Bernard Austin.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(540-27-BZ)

WHEREAS, this application affecting premises 725-727 Bedford avenue, southeast corner of Flushing avenue (Block No. 1715, Lot No. 31), Borough of Brooklyn, was granted by the board May 19, 1931, on certain conditions and applicant requested an amendment of the resolution as to greasing pits which request was denied and a writ of certiorari was served on the board; and

WHEREAS, the order of the court was that three grease pits be permitted; and

WHEREAS, these premises were the subject of an inspection by a committee of the board.

Resolved, that the resolution adopted by the board on May 19, 1931, be and it hereby is amended, only so far as it has

reference to the grease pits, so that the last clause of the resolution will read:

"and that the request for modification as to enclosure of grease pits is hereby granted in accordance with the order of the Court to permit three grease pits to be installed along the easterly lot line, as indicated on plans marked 'received March 20, 1929', which grease pits may remain open and unenclosed; that other than as amended herein the resolution of May 19, 1931, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS

216-34-A.

APPELLANT—George R. Strehan for A. R. Haeuser Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner. PREMISES AFFECTED—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: George R. Strehan, Robert T. Baldwin.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to May 28, 1935, at 2 p. m., for inspection by a committee of the board. No further argument.

37-35-A.

APPELLANT—Brooklyn Fire Brick Works, owner.

SUBJECT—Application for reopening—restoration to the Calendar re Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—98-100 Beard street, northwest corner of Richards street (Block No. 604, Lot No. 16), Brooklyn.

APPEARANCES—

For Appellant: Ernest J. Pirman, M. J. Kelly.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to May 21, 1935, at 2 p. m., for inspection by a committee of the board. No further argument.

41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

APPEARANCES—

For Appellant: Edward G. McLaughlin.

For Owner of Premises: J. Sidney Bernstein.

For Administration: None.

ACTION OF BOARD—Laid over to May 21, 1935, at 2 p. m., upon request of attorney representing owner of premises affected.

90-35-A.

APPELLANT—Ashley T. Cole for National Carbon Company, Inc., owner

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: Albert J. Snook.

For Opposition: J. G. Fink.

For Administration: None.

MINUTES

ACTION OF BOARD—Laid over to May 21, 1935, at 2 p. m., on request of representative of Master Plumbers Assoc. who are in opposition to appeal.

93-35-A.

APPELLANT—Adolph H. Schmedtje, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings and an order of the fire commissioner.

PREMISES AFFECTED—418 East 115th street (Block No. 1708, Lot No. 41), Manhattan.

APPEARANCES—

For Appellant: Adolph H. Schmedtje.

For Administration: Inspector Maher of department of buildings and Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief (Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(93-35-A)

WHEREAS, Adolph H. Schmedtje, owner, filed April 8, 1935, an appeal from an order and a decision of the commissioner of buildings and an order of the fire commissioner, affecting premises 418 East 115th street (Block No. 1708, Lot No. 41), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated January 17, 1935, re Order No. 18797-F, reads:

"14. Discontinue and remove the direct method of refrigerating from that part of the building prohibited by Section 219, Chapter 10, Code of Ordinances.";

and

WHEREAS, the decision of the commissioner of buildings, dated March 18, 1935, reads:

"In reference to Order 18797-F pending against premises 418 East 115th street, New York City, please be advised that this department is without power to rescind this order and it will be necessary for you to appeal to the Board of Standards and Appeals, Room 1000, Municipal Building, Manhattan.";

and

WHEREAS, the building is non-fireproof, 3 stories (48 feet) in height, 25 feet by 97 feet in area; OCCUPIED as a brewery; cellar, 19 steel beer tanks; 1st story, 8 steel beer tanks; 2nd story, refrigerating machinery; 3rd story, brewing machinery; located within a business district; and

WHEREAS, the applicant claims the building was erected in 1921, certificate of occupancy issued April of 1933; the refrigerating plant on the second story consists of two compressors, condensers, receiver and brine tank, using 200 pounds of ammonia for the refrigerant; the plant is operated mainly by the indirect method except the two coolers on the 1st story are refrigerated by the direct method; there is about 20 feet of flow and return ammonia pipe lines extending to the two coolers on 1st story, having a maximum pressure of 120 pounds on the high pressure side and 30 pounds on the low pressure side; furthermore, each compressor is equipped with a pressure limiting device which will stop the machine at 270 pounds pressure and also a safety valve set at 300 pounds; under such conditions no objection should be made to the plant; and

WHEREAS, upon motion of the applicant the order issued February 1, 1935, by the fire commissioner, No. 5051-LC, was incorporated as a part of this appeal, such order reading as follows:

1. Cut off all elevator shafts leading into refrigerating machinery rooms as per Section 220-1-(a) of Chapter 10.

2. Discontinue the use of any fire, open flames or arc light in refrigerating machinery room, as per Section 221-1 of Chapter 10.

3. Have person in charge of the operating of the refrigerating system during each shift secure a license or a Certificate of Qualification from the Boiler Squad, Department of Buildings, Municipal Building, Manhattan, as per Section 217 (a), Chapter 10.

4. Remove all stop valves located between the pressure limiting device and that part of the system protected thereby, as per Section 224-2 (a) of Chapter 10;

and

WHEREAS, the building is occupied throughout as a brewery by one tenant; and

WHEREAS, it appears that Items 2, 3 and 4 of Order No. 5051-LC of the fire commissioner have been complied with.

Resolved, that the order of the fire commissioner, No. 5051-LC, be and it hereby is *modified* as to Item 1 and that the appeal be and it hereby is *granted on condition* that there shall be erected a tight wood sheathing partition from floor to ceiling on the 2nd and 3rd floors, separating the elevator shaft from that portion of the building in which the refrigerating system is installed and that any openings in this partition for access shall be equipped with wood doors, close-fitting and self-closing; that this modification is granted only so long as the building is occupied by one tenant; and that the order and decision of the commissioner of buildings No. 18795-F be dismissed.

51-34-A.

APPELLANT—Henry Nordheim, for Colway Corporation, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings (previously withdrawn; reopened and restored to the calendar)

PREMISES AFFECTED—980 Prospect avenue, northeast corner of East 164th street (Block No. 2690, Lot No. 123), The Bronx.

APPEARANCES—

For Appellant: Henry Nordheim.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief (Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(51-34-A)

WHEREAS, Henry Nordheim, for Colway Corporation, owner, filed February 21, 1934, an appeal from a decision of the commissioner of buildings, affecting premises 980 Prospect avenue, northeast corner of East 164th street (Block No. 2690, Lot No. 123), Borough of The Bronx; and

WHEREAS, this case was withdrawn February 5, 1935, and reopened and restored to calendar April 16, 1935; and

WHEREAS, the decision of the commissioner of buildings, rendered April 2, 1935, re Alteration 40-34, reads:

"1. Proposed change of occupancy is contrary to provisions of Section 8 of the Multiple Dwelling Law.";

and

WHEREAS, the building is non-fireproof, 6 stories (67 ft. 6 in.) in height, 75 ft. by 67 ft. 6 in. in area; OCCUPIED as a hotel (Class B, Multiple Dwelling); and

WHEREAS, the appellant claims the building was originally erected in 1907 as a tenement house; Certificate of Compliance was issued October 19, 1907, under Slip Application No. 12-1928, the owner proposed to remove wash trays, sinks and stoves from apartments on each story and change the use from a 22-family occupancy to a two-family and furnished-room occupancy; such application was approved October 3, 1928, the work was completed October 4, 1928, as per final report of the Tenement House Inspector; the Tenement House Commissioner then certified to the Superintendent of Buildings that the building was no longer a tenement house, consequently, the above work and change of occupancy were completed prior to the enactment of the

MINUTES

Multiple Dwelling Law, which became a law April 18, 1929; furthermore, the appellant contends that the decision of the commissioner of buildings is irrelevant and erroneous as no change of occupancy is contemplated; this appeal is not made for a variation of the Multiple Dwelling Law but is for the annulment of the decision of the commissioner of buildings, due to the fact that it is not applicable to the premises in question; the appellant now proposes to remove a few superfluous non-bearing partitions, provide additional means of egress in case of fire by constructing fire escapes in the court from roof to ground, with two fireproof passageways from foot of fire escapes direct to streets, and continue the present occupancy as existed since October 4, 1928; and

WHEREAS, these premises were the subject of an inspection by a committee of the board, report of which inspection was read at the hearing and which report follows:

REPORT OF COMMITTEE ON INSPECTION

Cal. No. 51-34-A.

Premises—980 Prospect avenue, northeast corner of East 164th street (Block No. 2690, Lot No. 123), Borough of The Bronx.

The Multiple Dwelling Law became a law on April 18, 1929. On October 2, 1928, the permit was signed by the Tenement House Commissioner permitting this building, formerly a tenement, to be converted to a non-tenement because of the removal of wash trays, sinks, and stoves from all apartments in each story and the use of the building as a lodging house, all plumbing fixtures to be properly sealed and two apartments only to remain, one in the basement and one on the second floor. The building was accordingly dismissed from the jurisdiction of the Tenement House Department as no longer complying with the Tenement House Law as a tenement and it thereupon became a *de facto* lodging house subject to the requirements of the Building Code therefor. It was a residence building having more than 15 sleeping rooms. A letter from the Tenement House Department under date of April 30, 1935, states that this building is arranged as follows:

"Cellar—one store. One apartment. Four rooms. Occupied by superintendent.

"1st story—three stores. Restaurant and Barber Shop. Eight furnished rooms. 5 wash basins.

"2nd to 6th story—22 rooms on each floor. Rented as furnished rooms. 14 wash basins on each floor.

"The above building is not occupied as a Class 'A' Multiple and is, therefore, not under the jurisdiction of this department."

Upon the passage of the Multiple Dwelling Law on April 18, 1929, this building as an existing lodging house became a Class "B" Multiple Dwelling. Article 1, Section 4, Paragraph 5 includes as a Class "B" Multiple Dwelling, among others, lodging houses and rooming houses; and under Paragraph 7 defines a rooming house or a lodging house as a Class "B" Multiple Dwelling other than a hotel in which persons either individually or as families are housed or lodged for hire or otherwise with or without meals. As a Class "B" Multiple Dwelling, already subject to the requirements of the Building Code for a lodging house, it also became subject to the provisions of the Multiple Dwelling Law applicable thereto, particularly Article 2, Section 13

These premises were inspected by a committee of the board on April 18, 1935, and it was found that the building was occupied substantially as reported by the Tenement House Department as stated above. There have been minor alterations made in the building, such as removing partitions between a private hall and a public hall, so as to make the former apartment rooms open directly on public halls. It also was found that

in several cases cooking was being done in the rooms by means of electric appliances.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

Resolved, that the decision of the commissioner of buildings, dated April 2, 1935, be and it hereby is *modified* and that the appeal be and it hereby is *granted on condition* that this building shall comply with the requirements of the building code applicable thereto as a *defacto* lodging house prior to the passage of the Multiple Dwelling Law on April 18, 1929, and *on further condition* that the building shall be made to comply with the requirements of such portions of the Multiple Dwelling Law as are applicable thereto as an existing Class B multiple dwelling, as set forth in Article II, Section 13 of the Multiple Dwelling Law.

VARIATION OF LABOR LAW

520-30-S.

APPLICANT—Ansonia Fire Prevention Engineering Co., Inc., for Max Gutschneider, owner.

SUBJECT—Application for reopening—amendment—re Variation of the labor law as cited in an order and a decision of the fire commissioner.

PREMISES AFFECTED—108 West 11th street, southwest corner of 6th avenue (Block No. 606, Lot No. 60), Manhattan.

APPEARANCES—

For Applicant: Herman E. Horwood.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(520-30-S)

WHEREAS, Samuel Rosenblum, for Max Gutschneider, owner, filed, July 30, 1930, a petition for a variation from the requirements of the labor law, as cited in an order and a decision of the fire commissioner, affecting premises 108 West 11th street, Borough of Manhattan; and

WHEREAS, the order of the fire commissioner, dated May 5, 1930 (Order No. 75156-LD), reads:

"Inspection shows the following to be necessary to make the above premises comply with the requirements of the Labor Law:

"1. Arrange the fire escape at rear of building serving as a required means of egress so that same will conform to Sec. 274 of the Labor Law.

"Defects:

"1. No safe egress provided from termination of fire escape to street."

and

WHEREAS, the decision of the fire commissioner, rendered July 23, 1930, reads:

"This will reply to your letter of July 16, 1930, in which you refer to violation 75156-LD, advising that the owner has secured the consent from the owners of the property on the rear for permission to egress on their premises in case of fire, requesting reconsideration of the order and the acceptance of this egress to the adjoining yard.

MINUTES

"The proposition submitted is not in accordance with the requirements of the Labor Law. The Fire Commissioner being without power to vary from or modify the provisions of the law, your request to reconsider the order must be denied.";

and

WHEREAS, the building is non-fireproof, six stories in height, 66 ft. ½ in. by 161 ft. 6 in., irregular, in area; OCCUPIED: 1st story, store; 2nd story, vacant at present; 3rd story, artificial flowers, 10 persons; 4th story, vacant at present; 5th story, vacant at present; 6th story, fur dyeing, 20 persons; vacant floor to have occupancy not exceeding capacity of interior stairs; EQUIPPED with a sprinkler system; EXITS: an interior wood stairway, extending from the first story to top story, enclosed in fire-resisting partitions, with fireproof doors at openings; a 60-degree fire escape on the rear of the building, having fireproof openings along the course thereof, extending from the roof to the yard, with EGRESS from the termination of the fire escape by means of a door in fence, along the rear lot line, which opens into open yards of the building at rear; ROOFS of adjoining buildings: to east and west, three stories lower; and

WHEREAS, petitioner contends that consent to use the yard of premises at rear, as an egress in case of fire, has been obtained from the owner of said premises at rear; and

WHEREAS, the owner, through his agent, the Ansonia Fire Prevention Engineering Co., requested an amendment of the resolution.

Resolved, that the resolution adopted by the board on November 25, 1930, be and it hereby is amended, only so far as it refers to occupancy, so that as amended this resolution will read:

"Resolved, that the Board of Standards and Appeals does hereby make a variation in the requirements of the labor law, and that the petition be and it hereby is granted, only so far as it affects the exit from the rear fire escape, on condition that a door, not less than 3 ft. in width, shall be provided at the foot of the fire escape in the fence on the rear lot line of the property under appeal, opening into the open yards of the three-story dwellings to the rear, facing on Patchen place, the yard of said dwellings for a distance of about 60 ft. east and 60 ft. west to remain open with no fence dividing with exit therefrom through the dwellings to Patchen place; that a letter of consent shall be filed with the fire department from the owner of the dwellings so mentioned on Patchen place; that the building shall be not increased in height or area; that the occupancy of the building above the ground floor shall at no time exceed 350 persons and in no event with more than 100 persons on any one floor on condition that there shall be installed an approved fire alarm system and that a fire drill shall be maintained; that the present two-source sprinkler system shall be maintained with central office connection in accordance with the rules of the Board of Standards and Appeals; and that the Labor Law shall be complied with in all other respects; that other than as amended herein the resolution adopted by the board on November 25, 1930, shall be complied with in all respects."

APPLIANCES SUBMITTED FOR APPROVAL.

102-35-SA.

APPLICANT—David Kaufman, for Autopulse Corp., owner.

SUBJECT—Range-O-Matic Oil Pump, Pressure and Suction Model and Model 50, approval of.

APPEARANCES—

For Applicant: None

ACTION OF BOARD—Application placed on the reserve calendar, referred to engineer of board for test and report and to obtain such information from other departments as may be deemed necessary.

491-31-SA.

APPLICANT—Perfection Stove Co., owner.

SUBJECT—Superfex Oil Burning Heater—Application for reopening—amendment to include the Superfex Heat Projector.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened, placed on reserve calendar and referred to engineer of the board for test and report and to obtain such information from other departments as may be deemed necessary.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4
Negative 0
Absent 0

221-34-SA.

APPLICANT—M. A. Monroe, agent for The Ohio Pattern Works and Foundry Co., owner.

SUBJECT—Metropolitan Curb Fill Box, No. 138 for Gasoline—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(221-34-SA)

WHEREAS, M. A. Monroe, agent for The Ohio Pattern Works and Foundry Co., owner, filed July 30, 1934, a petition for approval of their device known as the Metropolitan Curb Fill Box No. 138 for Gasoline; and

WHEREAS, this device was submitted to the engineer of the board and to the bureau of combustibles, fire department, for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The Ohio Pattern Works and Foundry Co. Curb Fill Box (Gasoline) is designed to be used as a fill box for buried gasoline storage systems and consists essentially of a cast iron body and a bronze filling cage having vellumoid gaskets. The top of the body is closed by a bronze cap, quick-locking with an eighth turn. The two steel locking pins, 180 degrees apart are set into the body by machines, and the corresponding lugs on the cap are machined to an accurate taper. Therefore, one twist of the cap wrench truly seals and sets the cap so that there is no tendency to rocking or loosening.

The cage bolts to the body with three studs and the joint is gasketed. The cap proper is bronze, threaded and gasketed, and is provided with a simple locking device for padlock. The cage extends down into the body with a 90 degree turn at the top of which is set, well below a high shoulder, a cone screen, double, 20 mesh and removable; at the bottom of the turn is a self-closing check valve.

An examination of the small box submitted showed that the box was constructed substantially to meet the wear and tear which will be imposed upon it. The removable brass cover has the word "Gasoline" on it in raised letters.

This box has been accepted by the bureau of combustibles for use in New York City, for the purpose for which it was designed. It is therefore recommended

MINUTES

as a result of this examination of this box, that the same be approved for use in buried gasoline storage systems when installed in accordance with the provisions of Chapter 10 of the Code of Ordinances, and to be known as the Metropolitan Curb Fill Box No. 138, for gasoline.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Metropolitan Curb Fill Box No. 138 for use in gasoline installations when installed in accordance with the provisions of Chapter 10 of the Code of Ordinances.

13-35-SA.

APPLICANT—John Manton Company, for National Air-oil Company, owner.

SUBJECT—Nairoil Oil Burner—Type R, Model E—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(13-35-SA)

WHEREAS, John Manton Co., agent for National Airoil Co., owner, filed January 14, 1935, a petition with the Board of Standards and Appeals, for approval of the device known as the Nairoil Oil Burner, Type R, Model E; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner is of the mechanical draft pressure atomizing type, and was installed in a steam boiler used for heating a one-family dwelling. The assembled burner consists of the following parts:

A Webster fuel unit, comprised of a pump, regulating valve and strainer; an Ohio motor 1/8 H. P. Sirocco type fan and Monarch nozzle.

Ignition—Electric. Dongan transformer 110 to 10,000 volts.

Controls—Minneapolis Honeywell Protectorelay R-117-3, and Mercoid steam switch.

With the oil supply shut off the burner was put into operation and on two successive tests, the controls shut the burner down in 75 and 80 seconds, respectively. The burner was then put into normal operation for approximately one-half hour. During period of test there were no flare backs due to faulty ignition, nor was there any evidence of soot or smoke from the flame. Examination of combustion chamber showed no undue carbon deposits.

As a result of this inspection and test it is recommended that the Nairoil Oil Burner be approved for Domestic use when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals when used with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals *does* hereby *approve* the device known as Nairoil Oil Burner, Type R, Model E, for domestic installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 3 and that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City.

UNDER CAL. NO. 13-35-SA.

Adjourned, 5:00 p. m.

EDWARD V. BARTON, *Chief Clerk*.

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, April 9, 1935, as they appeared in the Bulletin No. 16, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

WHEREAS, this appeal affecting premises 33 West 60th street (Block No. 1113, Lot No. 8), Borough of Manhattan, was granted by the board March 7, 1933, on certain conditions, amended December 4, 1934, and lessee requested a further amendment.

Resolved, that the resolutions adopted by the board on March 7, 1933, and amended on December 4, 1934, be and they hereby are further *amended*, so that as amended the resolutions will read:

“Resolved, that the order of fire commissioner be and it hereby is *modified* and the appeal be and it hereby is granted as to Order No. 77758-LC, to permit the occupancy of the premises as indicated on the plans filed with this appeal marked ‘Received Decem-

* *Correction*—Words “sound recording and motion picture” added to line 29 of resolution.

ber 27, 1932,’ as a sound-recording studio as defined in the Code of Ordinances, *on condition* that this occupancy shall be confined to Room 511 on the fifth floor; that there shall be at no time an excess of twenty-five (25) reels, or 25,000 running feet, of inflammable film on the premises, and such film shall be stored in approved sprinklered cabinets constructed and maintained in accordance with the legal requirements therefor and that such additional fire-fighting appliances shall be installed as shall be required by the fire chief and commissioner.

“Resolved, further, that the order of the fire commissioner, No. 5436-LC, dated March 16, 1935, be and it hereby is *modified* to permit the continuation of the sound recording and motion picture studio under appeal as indicated on plans marked ‘Received December 27, 1932,’ so long as it conforms to the requirements of the resolution of December 4, 1934, and so long as the sprinkler system in the building is maintained in accordance with the Sprinkler Rules of the Board of Standards and Appeals and that the two means of exits are maintained and all draperies or other inflammable material are fireproofed and only so long as the premises are not increased in area.”

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

RULES

EXTRACTS FROM CHAPTER 10, CODE OF ORDINANCES OF THE CITY OF NEW YORK, RELATING TO REFRIGERATING SYSTEMS AS AMENDED JANUARY 29, 1935.

ARTICLE 1. General Provisions.

§1. Definitions.

Unless otherwise expressly stated, whenever used in this chapter the following terms shall respectively be deemed to mean:

33. Refrigerating system, a combination of apparatus in which a refrigerant is circulated for the purpose of extracting heat.

(a) The parts of the system are the compressor, generator, condensor, absorber, receiver, shell type or tube type apparatus, pipes, vessels, or other parts, containing refrigerant.

(b) Direct refrigeration, a system in which the refrigerant is circulated to the substance or space refrigerated.

(c) Indirect refrigeration, a system in which brine cooled by the refrigerant is circulated to the substance or space refrigerated.

(d) Refrigerant is the chemical agent other than brine used to produce refrigeration.

(e) Irritant refrigerant, any refrigerant which when breathed attacks the throat or lungs.

(f) Hydrocarbon refrigerants, any refrigerant of the hydrocarbon class.

(g) Flammable refrigerant, any refrigerant which will burn or explode when mixed with certain proportions of air.

(h) Refrigerating machinery room, a room in which is located a refrigerating system containing refrigerant, but not including expansion coils when located in cold storage rooms or expansion coils when located in refrigerator boxes.

(i) Factor of safety, the multiple three and one-third ($3\frac{1}{3}$), the product of which and the test pressure, constitutes the probable rupture pressure.

(j) Pressure imposing element, that apparatus which draws the refrigerant from the low pressure or low temperature side of the system and discharges it into the high pressure or high temperature side of the system.

(k) Pressure limiting device, a pressure or temperature responsive mechanism for automatically stopping the operation of the pressure imposing element.

(l) Brine, any liquid which having been cooled by the refrigerating system is used for the transmission of heat.

(m) Pressure relief device, a pressure relief valve, a rupture member, fusible plug or other approved device for relieving the pressure.

(n) Pressure relief valve, a valve held shut by a spring or other means to automatically relieve pressure in excess of its setting.

(o) Rupture member, a device that will automatically rupture at a pre-determined pressure.

(p) Liquid receiver, a vessel permanently connected to a system by inlet and outlet pipes for storage of a liquid refrigerant.

(q) Container, a cylinder for the shipment of refrigerant constructed to conform to the regulations of the Interstate Commerce Commission.

(r) Mixer, a vessel or device in a system for mixing the ammonia or other soluble vapor with water.

(s) Stop valve, a cut-off valve for use during normal operation.

(t) Service valve, a key-operated shut-off valve used only during shipment, installation or repairs.

(u) Fusible plug, a device having a predetermined-temperature fusible member for the relief of pressure.

(v) Public buildings, business buildings, and residence buildings are buildings as so defined by section 70, Article 4, of the Building Code of the City of New York.

NOTE:—Public Buildings. Public buildings are buildings or parts of buildings in which persons congregate for civic, political, educational, religious or recreational purposes, or in which persons are harbored to receive medical, charitable or other care or treatment, or in which persons are held or detained by reason of public or civic duty, or for correctional purposes, including among others, court houses, schools, colleges, libraries, museums, exhibition buildings, lecture halls, churches, assembly halls, lodge rooms, dance halls, theatres, bath houses, hospitals, asylums, armories, fire houses, police stations, jails and passenger depots.

NOTE:—Residence Buildings. Residence buildings are buildings or parts of buildings in which sleeping accommodations are provided, except such as may for other reasons be classed as public buildings, including among others, dwellings, tenement houses, hotels, lodging houses, dormitories, convents, and studios and club houses having sleeping accommodations.

NOTE:—Business Buildings. Business buildings are buildings or parts of buildings, which are not public buildings or residence buildings, including among others, office buildings, stores, markets, restaurants, warehouses, freight depots, car barns, stables, garages, factories, laboratories, smoke houses, grain elevators and coal pockets.

ARTICLE 3.

Bonds and Fees.

§43. Fees for Permits.

Applicants for permits under the provisions of this chapter shall pay annual fees as follows:

35. Refrigerating systems:

Class A systems.....	\$20.00
Class B systems.....	10.00
Class C systems containing over six pounds of refrigerant	5.00
Class C systems containing six pounds or less of refrigerant.....	1.00

ARTICLE 18.

Refrigerating Systems.

Section 216.	Permits.
" 217.	Supervision.
" 218.	Classification.
" 219.	Permissible locations.
" 220.	Machinery rooms and ventilation.
" 221.	Open flames and electrical equipment.
" 222.	Testing.
" 223.	Piping.
" 224.	Safety devices.
" 225.	Size of safety devices.
" 226.	Location and discharge of safety devices.
" 227.	Operating precautions.
" 228.	Equipment diagrams.

§216. Permits.

(a) Except as hereinafter provided in this article it shall be unlawful to maintain or operate a refrigerating system without a permit.

(b) A permit will not be required for a Class C system when maintained or operated in the residence portion of a dwelling containing not more than two families, or in the residence portions of either a tenement house or a business building.

(c) No refrigerating system shall be maintained or operated employing a refrigerant other than those specified in this article without a permit issued upon such conditions consistent with the provisions of this article, as are deemed by the fire commissioner necessary in the interest of public safety.

NOTE:—The Fire Chief and Commissioner prescribed under date of April 4, 1934, the following:

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1. That the refrigerants dichlorodifluoromethane, known as "Freon" ("Kinetic No. 12" also "F-12") CCl_2F_2 also dichlorotetrafluoroethane ("F-114") $\text{C}_2\text{Cl}_2\text{F}_4$, and monofluorotrichloromethane ("F-11") CFC_1 , are non-flammable and non-irritant, unless otherwise hereinafter provided, and shall be regulated in accordance with the provisions of Article 18 of Chapter 10 of the Code of Ordinances, as such, except, when used in a room or rooms in which there is an open flame or apparatus to produce an open flame, when the provisions of said article covering irritant refrigerants shall apply.

2. That refrigerating systems employing F-11; F-12 or F-114 are restricted to parts of a building so specified in Section 219 (b) for refrigerants other than non-irritant and non-flammable.

3. That refrigerating systems employing F-11; F-12 or F-114 used for air conditioning are restricted to the indirect method except that the direct method may be used in parts of a building so specified in Section 219 (b) for refrigerants other than non-irritant and non-flammable.

4. That refrigerating systems employing F-11; F-12 or F-114 shall not be installed or maintained in or on the stairways, halls, lobbies, entrances, exits or auditoriums of any building.

5. That refrigerating systems employing F-11; F-12 or F-114, shall not be installed or maintained in a hospital, unless the entire system is confined in a fireproof machinery room, used for no other purpose, and in which no open flame shall be employed, except that the Class "C" system containing not more than 10 pounds of refrigerant may be used in a diet kitchen which shall be cut off from the rest of the building by a tight fitting self-closing door or doors and provided with a window or windows to the outside air. All open flames, and/or apparatus for producing an open flame, in diet kitchens where these refrigerants are used shall be vented to the outside air as hereinafter required in Paragraph 8.

6. That refrigerating systems employing F-11; F-12 or F-114 may be installed or maintained in a hospital private room, having tight partitions and tight fitting self-closing door or doors and where not more than two persons are helpless and/or given medical treatment, provided there is no open flame and/or apparatus for producing an open flame in such room and when the system contains not more than 10 pounds of refrigerant.

7. That a refrigerating system employing F-11; F-12 or F-114 shall not be installed or maintained in a theatre and/or motion picture theatre unless the entire system is confined in a fireproof machinery room, used for no other purpose, and in which no open flame and/or apparatus to produce such open flame shall be employed.

8. That a refrigerating system employing F-11; F-12 or F-114 when used in a room or rooms in which there is an open flame or apparatus to produce such open flame, such open flame and/or apparatus shall be provided with a hood and independent mechanical ventilation so arranged as to convey all the products of combustion to the outside of the building. This provision shall apply only to diet kitchens of hospitals and to Class "C" systems in schools, churches, dance halls, court rooms, police stations, jails, asylums, subways, passenger depots, rooms opening into passenger depots and/or subways and such other places as are deemed by the Fire Commissioner necessary in the interest of public safety.

9. That each refrigerating machinery room in any building in which F-11; F-12 or F-114 are used, shall be maintained vapor-tight and provided with tight fitting, self-closing doors, in accordance with Section 220-1-(a).

10. That each refrigerating machinery room in which F-11; F-12 or F-114 is used, shall be adequately ventilated directly to the outside air in accordance with Section 220-(2) a-b-c and d.

11. Tests pressures and setting of safety valves for systems employing F-11, F-12 or F-114, shall be included in Section 222 (a) as follows:

Refrigerant	Column No. 1	Column No. 2	Column No. 3
F-11	25	15	15
F-12	180	120	135
F-114	60	30	30

12. That the size of pressure relief valves for systems in which F-11, F-12 or F-114 is employed, shall be as follows:

Capacity of System	Number Required
Up to 30 tons	One $\frac{1}{2}$ inch
30 to 60 "	One $\frac{3}{4}$ "
60 to 100 "	One 1 "
100 to 175 "	One $1\frac{1}{4}$ inches
175 to 250 "	One $1\frac{1}{2}$ "
250 to 450 "	One 2 "
450 to 900 "	Two 2 "

13. That the storage of F-11, F-12 or F-114 shall conform with Section 227-3 (e) for other refrigerants.

14. That all other sections or parts of Article 18 of the Refrigerating Code not so mentioned, shall be complied with.

15. That refrigerating systems employing F-11, F-12 or F-114, installed prior to May 19, 1932, shall be inspected, and if found to comply with the rules, or if in the opinion of the Fire Commissioner, the installations are of a non-hazardous character, a permit may be issued. Installations which have been made in hospitals, theatres, asylums and places of public assembly shall be made to comply strictly with these rules.

(d) A permit, where required, shall be applied for forty-eight hours after installation is completed, containing the name of the person for whom the system is installed and the place of location of the system.

(e) Only the refrigerant specified in the permit shall be used in the system.

(f) Refrigerating systems to which these provisions cannot be applied, may be maintained and operated subject to such conditions as are deemed necessary by the fire commissioner.

§217. Supervision.

(a) No refrigerating system containing more than fifty (50) pounds of refrigerant shall be maintained or operated in any building except under the personal supervision, direction or control of either a duly licensed engineer or a person who has obtained a certificate of qualification to operate such a system from the department of buildings. Where the system contains not more than two hundred (200) pounds of refrigerant and is fully automatic only one qualified operator will be required.

(b) No Class C system as hereinafter permitted for exhibition or demonstration purposes shall be maintained or operated in a public building or exhibition hall except under the personal supervision, direction or control of either a duly licensed engineer or a person who has obtained a certificate of qualification to operate such a system from the department of buildings.

(c) Upon receipt of such certificate the applicant therefor shall pay an annual license fee as follows: For the initial fee \$5, and for a renewal thereof the sum of \$1 if such renewal be applied for within thirty days prior to the expiration of such certificate. Any such certificate may be revoked or suspended for cause at any time by the commissioner of buildings.

§218. Classifications.

(a) The total amount of refrigerant common to a system operating through one or more evaporators, shall be considered the capacity of the system and determine its class.

(b) A Class A system is a system containing one thousand (1,000) pounds or over of refrigerant, or capable of thirty (30) tons capacity or over.

(c) A Class B system of a system capable of less than thirty (30) tons capacity, or containing less than one thousand (1,000) pounds of refrigerant and over the amounts provided for in a Class C system.

(d) A Class C system is a system containing not more than twenty (20) pounds of refrigerant.

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§219. Permissible Locations.

(a) No Class A or Class B systems shall be installed in any public building as defined by section 70, article 4, of the Building Code, until plans have been filed with and approved by the fire commissioner, and no refrigerant shall be placed in the system until a permit has been obtained from the fire commissioner.

(b) The direct method of refrigeration shall not be used in any building, whether or not a permit is required for installation therein, outside of the refrigerating machinery room except in buildings used exclusively for ice making or for refrigerating purposes or both; when not carried above the first floor in business buildings; in the business sections of business buildings provided the entire system is confined to one floor in the space occupied by a single tenant; in the business section of a residence building when not carried above the first floor; in a residence building occupied by not more than two families; or in any building provided a non-irritant and non-flammable refrigerant is used.

(c) No brine shall be used in any brine circulating system that will generate flammable vapor at a temperature below 100 degrees Fahrenheit when tested in a Tagliabue open cup tester, and no refrigerant shall be used as a brine.

(d) No Class A system using ammonia shall be installed or maintained in any building above the first floor level unless such building is used exclusively for icemaking or refrigerating purposes.

(e) Systems on demonstration in exhibition halls shall be limited to the unit type containing not more than ten (10) pounds of refrigerant.

(f) No refrigerating system employing an irritant and/or flammable refrigerant shall be installed or maintained in or on:

1. The stairways, halls, lobbies, entrances, exits, auditoriums of any building.

2. Dance hall, court room, police station, jail, subway, theatre, motion picture theatre.

3. Waiting or public rooms in a railroad passenger depot and/or rooms opening directly therein.

4. Rooms opening directly into a subway, and/or theatre, and/or motion picture theatre and/or where persons are detained and/or confined.

5. A school unless the refrigerating system is used exclusively for instructions or research purposes.

6. A hospital and/or asylum in which persons are confined or given medical treatment and/or helpless.

7. Unless as otherwise required by this section the refrigerating system is cut off from the building by unpierced fireproof construction.

The aforementioned provisions do not apply to hermetically sealed unit systems containing not more than six (6) pounds of refrigerant when located in dance halls, police stations, diet kitchens of hospitals and/or laboratories and when located in rooms shut off from the rest of the building by tight partitions and tight-fitting, solid, self-closing door or doors and located in a room having a window to the outside air.

(g) An intermittent absorption type of refrigerating machine shall not be permitted in a Class A system. Such a type of machine shall be permitted in a Class B system only when a heating medium of low pressure steam is used in its operation.

(h) The use of methyl and ethyl chloride, sulphur dioxide, or a hydro-carbon refrigerant will not be permitted in Class A systems.

(i) A Class B system using ethyl chloride or a hydro-carbon refrigerant shall not be installed or maintained in the Borough of Manhattan or in other built-up sections of the city. Elsewhere, it shall be installed or maintained only in a fireproof building of not more than one story in height, and shall be located on the ground floor, which shall be of unpierced fireproof construction. The refrigerating machinery room shall be cut off from the rest of the building by unpierced fireproof walls of not less than eight inches (8")

of brick or six inches (6") of reinforced concrete. Direct exit therefrom leading to the open air and not to any other part of the building shall be maintained and shall be provided with vapor-tight, self-closing, fireproof door or doors.

§220. Refrigerating Machinery Rooms and Ventilation.

1. Refrigerating machinery rooms.

(a) All refrigerating machinery rooms in which an irritant refrigerant is used shall be maintained vapor-tight except that all doors which open to other parts of the building shall only be required to be self-closing and close fitting, and be kept closed at all times, except during entrance or exit. All other openings that may permit the passage of vapor to other parts of the building shall be vapor-tight and kept closed. No opening from elevator shafts shall be permitted in the refrigerating machinery room. This provision, however, shall not apply to dumbwaiter shafts the door openings of which are protected with self-closing, fire doors or to a system containing less than six (6) pounds of refrigerant. Closets solely contained within and opening only into the refrigerating machinery room shall be considered as part of the room in which it opens.

(b) In Class A and Class B systems in which an irritant refrigerant is used, the doors of the refrigerating machinery rooms shall open outwardly.

2. Ventilation.

(a) Each Class A, B and C refrigerating machinery room of any system shall be independently provided with means for adequate ventilation to the outer air. The ventilation shall consist of a window or windows opening directly to the open air, or mechanical means capable of exhausting the foul air from the room.

(b) When a window or windows are used, if placed in opposite walls so as to provide a through air circulation to the outer air, a total area of inlet and outlet, respectively, of not less than that specified in Column D of the table in paragraph (d) shall be provided. When a window or windows are placed in one wall a total area shall be provided not less than that specified in column E of the above-mentioned table.

(c) When mechanical means are used they shall consist of a power-driven exhaust fan of the enclosed case blower type which shall be capable of removing from the refrigerating machinery room the amount of air specified in column B of the table in paragraph (d). The inlet to the fan shall be located near the refrigerating equipment. The outlet from the fan shall terminate not less than six (6) feet above the sidewalk and in no case under a stairway or fire escape. Where air ducts are used on either the inlet or discharge side of the fan they shall each have an area not less than that specified in column C of the above-mentioned table. Sharp bends in the run of the ducts shall be avoided. The control for such mechanical means of ventilation shall be easily accessible and located outside of the refrigerating machinery room.

(d)

Pounds of Refrigerant in System.	Mechanical Cu. Ft. per Minute Discharge.	Window Mechanical Sq. Ft. Duct Area.	Window Area in Sq. Ft. for each Opposite Side.	Window Area in Sq. Ft. for One Side Only.
A	B	C	D	E
Up to20	150	1/4	1	6
50	250	1/3	1 1/2	12
100	400	1/2	2	16
150	550	2/3	2 1/2	19
200	680	2/3	3	25
250	800	1	3 1/2	29
300	900	1	4	32
400	1,100	1 1/4	4 1/2	38
500	1,275	1 1/4	5	42
600	1,450	1 1/2	6	45
700	1,630	1 1/2	6 1/2	48

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800	1,800	2	7	51
900	1,950	2	7 1/2	55
1,000	2,050	2	8	59
1,250	2,350	2 1/4	9	68
1,500	2,800	2 1/2	11	78
1,750	3,150	3	12 1/2	87
2,000	3,500	3 1/2	14	95
2,500	4,150	4	16	113
3,000	4,500	4 1/2	18	130
4,000	6,000	6	24	167
5,000	7,500	7 1/2	30	204
6,000	9,000	9	36	241
7,000	10,500	10.5	42	278
8,000	12,000	12	48	315
9,000	13,000	13	52	342
10,000	14,000	14	56	360
12,000	17,000	17	68	425
14,000	19,000	19	75	470
16,000	22,000	22	86	540
18,000	24,000	24	92	580
20,000	26,000	26	100	630
25,000	33,000	33	121	760
30,000	39,000	39	142	870
35,000	44,000	44	155	940
40,000	51,000	51	176	1,060
45,000	56,000	56	190	1,120

Note—Door openings, leading directly to the open air shall be considered equivalent to windows for the requirements specified in columns "D" and "E" of this table.

(e) Where a non-irritant or nonflammable refrigerant is employed, the requirements as given in table (d) may be reduced by one-half. When air or water is employed as the refrigerant no ventilation shall be required.

(f) In lieu of mechanical means of ventilation in refrigerating machinery room or rooms where a Class A system or a Class B system using ammonia is installed, a water deluge may be provided which shall consist of a sprinkler system having open heads of not less than one-quarter inch ($\frac{1}{4}$ ") orifice spaced not more than eight feet apart in any direction, and such system shall be located above all the refrigerating apparatus and piping in the refrigerating machinery room. Not more than one head shall be installed on a $\frac{3}{4}$ -inch pipe; five heads on a 1-inch pipe; six heads on a $1\frac{1}{4}$ -inch pipe. The deluge system shall be permanently connected with the main house supply or other assured source from which a constant water pressure of not less than twenty pounds per square inch can be maintained on the inlet side of the main control valve or valves at all times. The control valve or valves for such water deluge system shall be manually operated, easily accessible and shall be labeled and located outside of the refrigerating machinery room.

§221. Open Flames and Electrical Equipment.

1. Open flames.

No fire-flame or arc light will be permitted in a Class A or B refrigerating machinery room in which a flammable refrigerant is used.

2. Electrical equipment.

(a) All Class A and B systems refrigerating systems containing more than fifty (50) pounds of refrigerant shall have an emergency switch controlling all of the electrically-operated refrigerating machinery or the remote control of such a switch located outside of the refrigerating machinery room where it can be quickly reached and operated in case of necessity.

(b) Where the operating mechanism in any system is dependent upon electrical control, such control in a pressure limiting device shall be on a closed circuit. Nothing herein contained shall require a hand reset on an automatic type of refrigerating machine.

§222. Testing.

(a) Every part of any refrigerating system, except pressure gauges and control mechanism, shall be tested to at

least the following pressures. Class A and B systems containing over fifty (50) pounds of refrigerant shall be tested after installation and proved tight before being operated. A dated declaration of such test, signed by the tester, shall be posted in the machinery room.

Refrigerant.	Col. 1. High Pressure Side.	Col. 2. Low Pressure Side.	
		With Safety Valves.	Without Safety Valves.
Carbon dioxide	1,500	750	1,000
Ethane	1,050	520	760
Ammonia	300	150	225
Propane	250	115	175
Methyl chloride	155	80	120
Sulphur dioxide	135	100	100
Iso-butane	90	45	70
Butane	75	35	50
Ethyl chloride	30	15	25
Dichloromethane	12	12	12
Dichloroethylene	12	12	12
Trichloroethylene	12	12	12

§223. Piping.

1. Piping.

(a) All piping, liquid receivers or vessels containing the refrigerant, shall be supported on or by strong and durable materials. This provision shall not apply to Class C installations.

(b) The arrangement of stop valves, relief devices, etc., when used shall be as shown on the diagram for Class A and B systems in section 228.

(c) Every system which may be charged after installation shall have the charging connection located on its low pressure side.

2. Gauge glasses.

(a) Liquid level gauge glasses, except those of the bull's eye type, shall have automatic closing shut-off valves and such glasses shall be adequately protected against injury by slotted metal casings.

§224. Safety Devices.

1. Construction and setting.

(a) Pressure relief valves, pressure limiting devices and rupture members shall be set to prevent the pressure exceeding the test pressure. The pressure at which the device is set to function shall be indicated thereon. (See section 222 (a), columns 1 and 2 of table.)

(b) Fusible plugs shall relieve the pressure at a temperature not exceeding 280 degrees Fahrenheit.

2. Use of stop valves.

(a) No stop valve shall be located between a pressure relief device or pressure limiting device and the part of the system protected thereby, unless two pressure relief devices of required size are used, and so arranged that only one pressure relief device can be cut off for repair purposes at any one time.

(b) A Class B system in which no stop valves are used and in which the pressure will equalize throughout the system when the pressure imposing element is not in operation may be protected by only one pressure relief device located on the high pressure side.

3. Ammonia mixer.

(a) The low pressure side of a Class A ammonia system shall be provided with a hand-operated valve for discharging the ammonia into water through a mixer to the sewer in case of emergency.

(b) The ammonia mixer shall be constructed of steel and shall be capable of withstanding a pressure of at least fifty (50) pounds per square inch.

(c) No valve shall be located in the ammonia emergency discharge line except the manually-operated valve discharging into the water and ammonia mixer, but there may be

RULES

one stop valve located inside the building for repair purposes only. This valve shall be sealed open and labeled "Keep Open."

(d) The manually operated pressure relief valve shall be located in a locked box which can be opened by members of the Fire Department by means of a Fire Department key. The door of the box shall be on the public thoroughfare side of the building in an easily accessible location and not less than eighteen (18) inches or more than five (5) feet above the sidewalk level. The box shall be permanently labeled having letters of not less than one (1) inch reading "For Fire Department Use Only." The relief valve shall be labeled "Ammonia." A sign shall be posted within the box reading "Do Not Open Valve Until Water Is Flowing."

(e) A single standard three (3) inch fire department connection shall be provided through which the necessary water may be supplied to the mixer. The fire department connection shall be located near the box and not less than eighteen (18) inches or more than twenty-four (24) inches above the sidewalk level and shall be permanently labeled having letters not less than one (1) inch reading "To Ammonia Mixer." A check valve so set as to prevent gases from reaching the fire department connection shall be installed in the water line between the fire department connection and the water and ammonia mixer.

(f) The fire department shall have sole use of the mixer and supply the necessary water.

(g) In systems using over twenty-seven thousand (27,000) pounds of ammonia there shall be provided one additional water and ammonia mixer for each twenty-seven thousand (27,000) pounds of ammonia or fraction thereof so used in excess.

(h) The ammonia mixer and its connection for a Class A system shall conform to the diagram in section 228.

§225. Size of Safety Devices.

(a) The size of pressure relief valves shall be as follows:

Capacity of System.	CO ₂ and Ethane, No. Req., Size.	Other Refrigerants, No. Req., Size.
Up to 30 tons.....	1—1½"	1—1½"
30 to 60 tons.....	1—1½"	1—¾"
60 to 100 tons.....	1—1½"	1—1"
100 to 175 tons.....	1—1½"	1—1¼"
175 to 250 tons.....	1—¾"	1—1½"
250 to 450 tons.....	1—1"	1—2"
450 to 900 tons.....		2—2"

(b) Where rupture members are permitted and used, the equivalent area of the relief valve specified must be provided.

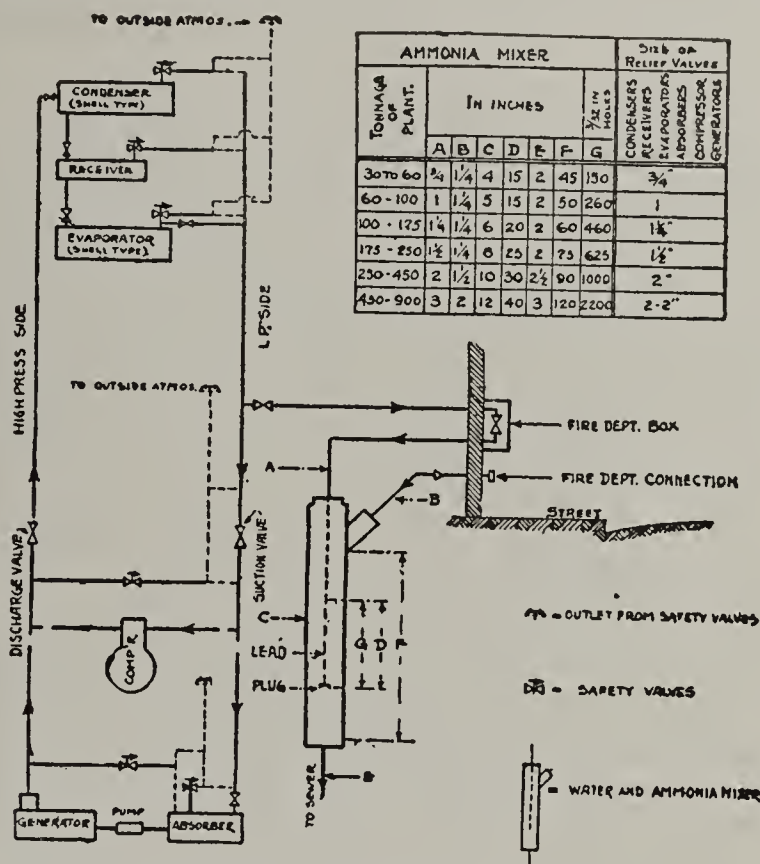
(c) Fusible plugs may be used on all Class C systems and on all Class B systems of the hermetically sealed compression type containing not more than fifty (50) pounds of refrigerant. The free discharge opening shall be one-sixteenth (1/16) inch in diameter.

§226. Location and Discharge of Safety Devices.

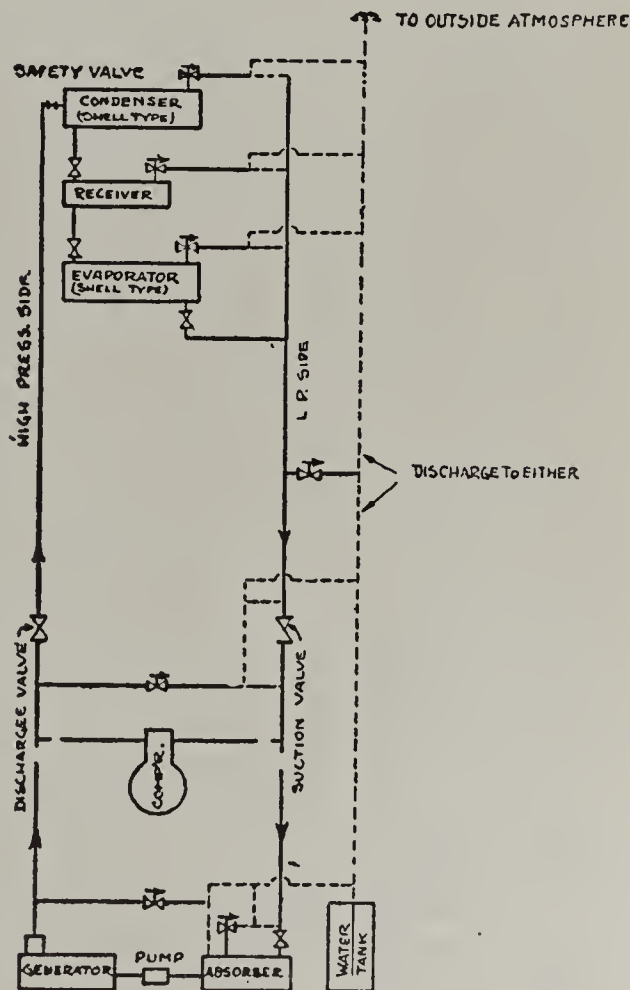
1. Location.

(a) A pressure limiting device shall be provided on the high pressure side of each water-cooled refrigerating system containing more than six (6) pounds of refrigerant. A pressure relief valve shall be provided on the high pressure side of each water-cooled refrigerating system containing twenty (20) pounds or more of refrigerant, but it shall not be necessary to discharge the refrigerant to the outside air or water tank from any such refrigerating system containing fifty (50) pounds or less of refrigerant, any other provision of this chapter to the contrary notwithstanding.

(b) Each compressor or generator of a Class A or B system containing more than 100 pounds of refrigerant shall be protected by a pressure relief valve connected into the high pressure side between the main stop valve and the compressor or generator to relieve excessive pressure as hereinafter provided.



ARRANGEMENT OF PRESSURE RELIEF DEVICES FOR CLASS 'A' EQUIPMENT
SECTION 226



ARRANGEMENT OF PRESSURE RELIEF DEVICES FOR CLASS 'B' EQUIPMENT
SECTION 226

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(c) A rupture member may be substituted for the relief valve in CO₂ systems or systems operating below atmospheric pressure.

(d) Shell type apparatus such as liquid receivers, condensers, evaporators, liquid separators and absorbers of Class A and Class B systems containing more than fifty (50) pounds of refrigerant, and Class B systems containing fifty (50) pounds or less of refrigerant which can be shut off by stop valves, shall each be equipped with a pressure relief valve, discharging as hereinafter provided.

(e) Class C systems and Class B systems containing fifty (50) pounds or less of refrigerant so constructed that, when subjected to an abnormal outside temperature such as that generated in a fire, they may burst due to the expansion of the refrigerant, shall be protected by a pressure relief device.

(f) A pressure relief valve will be required on the low pressure side of a Class B system into which the relief valve or valves on the high pressure side discharge, as so shown on equipment diagram of section 228-2.

2. Discharge of pressure relief valve.

(a) Where ammonia is used in Class A systems, the discharge from relief valves must be conducted to the outside atmosphere or into that part of the low pressure side protected by the mixer as specified in section 224, 3. If it is discharged to the outside atmosphere it must be piped above the roof or not less than 12 feet above the grade. The discharge from more than one relief valve may be run into a common header, the area of which shall be equal to the area of the pipes connected thereto. The outlet orifice shall be turned downward.

(b) Where more than fifty (50) pounds of ammonia is used in a Class B system the discharge from relief valves shall be piped to the outside atmosphere as specified for Class A systems or to the low pressure side as shown in diagrams in section 228, or into a tank of water which shall be used for no purpose except ammonia discharge. At least one gallon of fresh water shall be provided for every pound of ammonia contained in the system. The water used shall be prevented from freezing without the use of salt or chemicals. The tank shall be substantially constructed of not less than one-eighth ($\frac{1}{8}$) of No. 11 U. S. gauge iron. No horizontal dimensions of the tank shall be greater than one-half ($\frac{1}{2}$) the height. The tank shall have a hinged cover or, if of the enclosed type, shall have a vent hole at the top. All pipe connections shall be through the top of the tank only. The discharge pipe from the pressure relief valves shall discharge the ammonia in the center of the tank near the bottom. The tank shall be as securely supported as any other portion of the system. There shall be no opening in the tank below the water level.

(c) Where more than fifty (50) pounds of any refrigerant other than ammonia is used the discharge from relief valves shall be to the atmosphere as specified for Class A ammonia systems. Carbon dioxide may be discharged into the room if the same contains at least 10 cubic feet of capacity per pound of refrigerant used.

(d) Arrangements of pressure relief devices for Class A and B systems shall conform to the diagrams in section 228.

§227. Operating Precautions.

1. Masks and helmets.

(a) In a Class A system which operates above atmospheric pressure shall be provided with at least two helmets or masks.

(b) In a Class B system in which more than fifty (50) pounds of ammonia, sulphur dioxide or other irritant refrigerant is used, there shall be provided at least one helmet or mask.

(c) Only helmets or masks that have been approved by the United States Bureau of Mines as suitable for the refrigerant employed shall be used, and they shall be kept in operative condition in an easily accessible case or cabinet located immediately outside the refrigerating machinery room.

2. Signs.

(a) On Class A and Class B systems containing more than fifty (50) pounds of refrigerant there shall be painted on and affixed in a permanent manner to the main steam control, main electrical and remote control switches, receivers, condensers, shell type coolers, signs having letters not less than one and one-half inches ($1\frac{1}{2}$ ") high, designating the part and refrigerant contained therein.

(b) The seller of every Class A or B system shall furnish the purchaser with a sign bearing his name at least $8\frac{1}{2}$ " by 11" in size, which gives the rated refrigeration capacity and the quantity and kind of refrigerant required for the satisfactory operation of the system and the purchaser shall conspicuously and permanently display this sign in the machinery room. The quantity and name of the proper refrigerant content and the rated refrigeration capacity shall be stamped on all Class C systems near to or on the name plate.

(c) The following information shall be posted in Class A and B machinery rooms where over fifty (50) pounds of refrigerant is used: (a) The names and addresses of the engineers or operators in charge; (b) Location of nearest fire alarm box; (c) The name, address and telephone number of physician to be called in case of emergency; (d) Instructions for safely shutting down the plant in case of emergency.

3. Storage of refrigerant.

(a) Refrigerant not contained in the refrigerating system shall be stored only in flammable or irritant containers conforming to the regulations prescribed by the Interstate Commerce Commission for the transportation of such refrigerant.

(b) Only two containers holding not more than a total of three hundred (300) pounds of flammable or irritant refrigerant shall be stored in the refrigerating machinery rooms of a Class A system.

(c) Only one container holding not more than one hundred and fifty (150) pounds of flammable or irritant refrigerant shall be stored in the refrigerating machinery room of a Class B system.

(d) In a Class C system no refrigerant other than that used in the system shall be stored in the refrigerating machinery room.

(e) If a greater amount of flammable or irritant refrigerant is desired other than that permitted in a refrigerating machinery room, it shall be stored in a fireproof building or enclosure used for no other purpose.

(f) When the refrigerant is withdrawn from a system it shall be discharged into a suitable absorbent or containers conforming to the regulations of the Interstate Commerce Commission for the transportation of such refrigerant. No refrigerant shall be permitted to escape into the refrigerating machinery room.

(g) Containers shall not be connected to the system except during period of charging or withdrawing the refrigerant.

§228. Equipment Diagrams.

Section 5. This ordinance shall take effect immediately. Adopted by the Board of Aldermen December 13, 1927.

Received from his Honor the Mayor December 30, 1927, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

ARTICLE 26.

Miscellaneous.

§300. Violations.

Any person who shall wilfully violate or neglect or refuse to comply with any provisions of this chapter, in addition to any other penalties prescribed by law or ordinance, shall, upon conviction, be punished by a fine of not more than \$500 or by imprisonment not exceeding six months, or by both such fine and imprisonment.

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of $1:2\frac{1}{2}:5$ concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of $1:2:4$ concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

APPROVED APPLIANCES

Burners for Industrial Use			
Name of Burner	Calendar No.	Name of Burner	Calendar No.
Air-Blast Oil Burner.....	579-32-SA	Micron Oil Burner	345-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Midget Oil Burner.....	155-34-SA
Auto Heat Oil Burner.....	284-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Morse Fuel Oil Burner.....	820-23-SA
Ballard Jr. Oil Burner.....	1176-27-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	National Airoil Low Pressure Burner.....	186-29-SA
Berggren Oil Burner.....	764-26-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Best Calorex Burner.....	1464-21-SA	Nichols-McCann-Harrison Burners	255-31-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	North American Low Pressure Oil Burner....	792-26-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Oilbilt Burner	85-33-SA
Bock Oil Burning Water Heater.....	102-34-SA	Oronoque Oil Burner.....	394-30-SA
Brighton Oil Burner.....	372-33-SA	Packard Fuel Oil Burner.....	77-34-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Burnwell Mechanical Burner	957-22-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Caloroil Burner, Type AA.....	1361-24-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petro Model W Oil Burner.....	452-31-SA
Coen Mechanical Oil Burner	942-21-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Presto Automatic Oil Burner.....	294-34-SA
D'Elia Oil Burner.....	155-31-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
DeWalt Oil Burner.....	541-31-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
Doe Oil Burner.....	317-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Rockwell Fuel Oil Burner	341-21-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Forsdraft Oil Burner.....	41-34-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. K. Oil Burner, Model F.....	369-33-SA
Gem Fuel Oil Burner.....	111-26-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Ghapco Steam Generator.....	348-31-SA	Standardyne Oil Burner.....	34-34-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Steam Oil Burner.....	183-22-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sun Heat Oil Burner.....	603-29-SA
Grant Oil Burner, Model "C".....	232-32-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Sunway Oil Burner.....	624-30-SA
Hammond Oil Burner.....	72-31-SA	Surface Combustion Low Pressure Burner....	92-23-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Hart Oil Burner, Model "H".....	221-33-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Timken Rotary Oil Burner.....	297-29-SA
Hayward Oil Burner.....	696-30-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Holby Oil Burner.....	328-27-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Oil Burner.....	470-31-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Todd Spiro Burner (pump type).....	94-32-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Korth Oil Burner, Model G.	136-34-SA	Vapofier Oil Burner.....	184-34-SA
Kreager Oil Burner.....	367-30-SA	Vapomatic Oil Burner	275-34-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Vaporoil Burner	44-32-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Warner Oil Burner, Model A.....	16-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Wheco Oil Burner.....	108-34-SA
Liberty Automatic Heater.....	129-28-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Liberty Pressure Oil Burner.....	75-34-SA	Wizard Automatic Oil Burner.....	181-33-SA
Leintz Oil Burner.....	155-20-SA	Yorktown Oil Burner.....	166-33-SA
Loneragan Automatic Oil Burner.....	208-33-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
May Oil Burner.....	68-24-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
 443-26-SA—American Anti-Syphon Valve.
 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
 209-32-SA—Croker 4-inch Siamese.
 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
 528-32-SA—Weldon Extinguisher.
 592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
 23-33-SA—Sunrex Range Oil Burner.
 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
 126-33-SA—Tower Range Oil Burner.
 162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
 164-33-SA—Firemaster Fire Extinguisher.
 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
 349-33-SA—Herco Oil Burner.
 32-34-SA—Super Oil Burner for Pressing Machine.
 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
 125-34-SA—American Oil Burner.
 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

- 165-34-SA—Rose Oil Heater.
 203-34-SA—King Oil Burner.
 205-34-SA—Automatic Firetox Extinguisher.
 224-34-SA—Progressive Press Machine Oil Burner.
 234-34-SA—Bland Range Oil Burner.
 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
 301-34-SM—"Radbur" Flameproofing Compound.
 302-34-SA—Loyalty Range Burner.
 321-34-SA—Shawmut "Junior" Range Burner.
 322-34-SA—Shawmut "DeLuxe" Range Burner.
 325-34-SA—Diamond Range Oil Burner.
 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
 17-35-SA—Toridheet Oil Burner, Model G.
 29-35-SA—Aetna Range Oil Burner.
 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
 47-35-SA—Ace Rotary Oil Burner.
 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
 54-35-SA—Putnam Range Oil Burner.
 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
 65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.
 85-35-SA—Greenawalt Down Draft Combustion Oil Burning Furnace.
 89-35-SA—Siphon-Proof Water Closet, Type "A".
 97-35-SA—Roper Rotary Pump for Fuel Oil.
 98-35-SA—Heat King Oil Burner, Model 2.
 99-35-SA—Kleen Heet Oil Burner, Type 902.
 102-35-SA—Range-O-Matic Oil Pump, Pressure and Suction Model and Model 50.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	15
Cases filed up to May 8, 1935	116	Dismissed	6
Restored too Calendar	39	Denied	41
		Granted	2
		Granted on condition	72
		Appliances approved	34
		Appliances dismissed, disapproved or withdrawn.....	3
		Rules approved	1
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	154	Requests to reopen granted	140
Requests to amend	74	Requests to reopen denied	5
Requests for modification	0	Requests too amend granted	74
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time	24	Requests for modification granted	0
Requests for extension of permit	4	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans	5	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	24
Requests for interpretation	0	Requests for extension of time denied	0
Total	579	Requests for extension of permit granted	4
Disposed of	435	Requests for extension of permit denied.....	0
Cases pending May 8, 1935	144	Requests to install granted.....	0
		Requests to install denied	0
		Plans approved	5
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	9
		Total	435

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be allowed to be hung up by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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352.05
NEW

BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year MAY 21, 1935 OF THE Single Copies, 5 cents By mail, 8 cents No. 21

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, May 14, 1935, at 2 P. M.

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Elevator Rules.

Approved Fuel Oil Pumps.

Fire Retarding Rules for Garages, etc.

Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
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Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The Clerk's Calendar consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, May 20, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, May 27, 1935, at 2 o'clock.

The Clerk's Calendar is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed up to May 15, 1935.

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120-35-BZ.....	D.B.Q.....	Woodhaven blvd. northeast corner of Penelope st., (Block 3114, Lot 70), Forest Hills, Queens, Applic. 1233-35.
119-35-BZ.....	D.B.B.....	502 Atlantic ave., (Block 185, Lot 18), Brooklyn, Applic. 1466-35.
118-35-SA.....	F.D.....	Hayward Oil Burner, Model 1500, Appliance.
117-35-BZ.....	D.B.Q.....	122-04 25th rd., southeast corner of 25th rd. and College Point Causeway, (Block 4260, Lot 25), College Point, Queens, Applic. 1032-35.

Restored to Calendar.

386-33-BZ.....	D.B.Bx....	Eastern boulevard and Soundview ave., northeast corner, (Block 3722, Lot 18), The Bronx, Decision.
567-32-BZ.....	D.B.M.....	3320-3338 Broadway, east side, from West 134th st. to West 135th st., (Block 1988, Lot 1), Manhattan, Alt. 2638-34.
915-19-BZ.....	D.B.M.....	685-691 Lenox ave. and 101 West 144th st., northwest corner and 104-106 West 145th st., (Block 2013, Lots 29 and 37), Manhattan, Alt. 911-35.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
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Wire Glass Rules (Amendment to Rule 505 of Industrial Code)....	Apr. 10, 1923—Vol. 8 No. 15

COURT DECISIONS

Monument Garage Corpn. v. Levy—Court of Appeals made clear that the use of the land to which access is sought through curb cut must be considered in granting such curb cut; that the word "premises" has a broad significance and should apply to every use whether of land or buildings in a "use district"; defined "parking" as connoting transience and "storage" a certain degree of permanency; also decided that parking was lawful in a business use district and unlawful in a residence use district under the Building Zone Resolution (N. Y. L. J. February 27, 1935).

* * *

Matter of Ginzco Realty Corpn. (Murdock)—Feb. 15, 1935, an appeal was filed with the Board of Standards and Appeals by adjoining owner from decision of Board of Buildings of Dec. 20, 1934, reaffirmed Jan. 31, 1935, under Board of Buildings calendar No. A-239/34, modifying decision of the Commissioner of Buildings and varying the Multiple Dwelling Law, in re conversion of old-law tenements to lodging house at premises 313-315 Bowery and 5-7 Extra Place, Manhattan. The matter appeared on the Board of Standards and Appeals calendar under No. 41-35-A, on March 12, 1935, and was adjourned several times pending disposition of a motion on behalf of owners of premises for an order of prohibition to prevent the Board of Standards and Appeals from hearing appeal. Mr. Justice McCook denied the motion for an order of prohibition in all respects (N. Y. L. J. May 3, 1935).

* * *

Matter of Seldin (Murdock)—Dec. 18, 1934, Board denied gas station in business district under section 21, Cal. No. 268-34-BZ; Premises N.E. cor. Van Wyck Blvd. & 115th Ave., Richmond Hill, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J. May 11, 1935).

* * *

Matter of Otnas Realty Inc. (Murdock)—Nov. 27, 1934, Board denied gas station in business district, under section 21, Cal. No. 339-33-BZ; Premises 14-57 29th Ave., N.W. cor. 21st St., Astoria, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J. May 11, 1935).

* * *

Matter of Maphi Realty Co. Inc. (Murdock)—Apr. 10, 1934, Board denied motor vehicle repair shop and gas station in business district, under sect. 21, Cal. No. 364-33-BZ; Premises N.E. cor. Hillside Ave. & Chelsea Rd., Jamaica, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J. May 11, 1935).

* * *

Matter of Itner (Murdock)—Dec. 11, 1931, Board denied gas station partly in business and partly in residence district, under Sect. 21, and denied reopening under section 21, on July 3, 1934, Cal. No. 382-31-BZ; Premises 109-04 Northern Blvd. S.E. cor. 109th St., Corona, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J. May 11, 1935).

* * *

Matter of Jamaica Savings Bank (Bd. Standards & Appeals)—Nov. 27, 1934, Board denied gas station in business district, under section 21, Cal. No. 215-34-BZ; Premises S.W. cor. Merrick Rd. & 118th Ave., St. Albans, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J. May 11, 1935).

* * *

Matter of Sanders & Doten (Murdock)—Oct. 16, 1934, Board denied gas station in business district, under section 21, Cal. No. 185-34-BZ; Premises N. S. Broadway 51 ft. E. of 36th St., Jackson Heights, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J. May 11, 1935).

* * *

Matter of Cohn (Murdock)—Feb. 26, 1935, Board denied gas station in business district, under section 21, Cal. No. 269-34-BZ; Premises N. W. cor. Woodhaven Blvd. & 162nd St., Aqueduct, Queens. Mr. Justice Steinbrinck reversed Board (N. Y. L. J. May 11, 1935).

CALENDAR

Matter of Baerenklau, res. (Thatcher Commr. & C. Ap.)—Commr. of Buildings placed violation order on oil burner installation approved by the Fire Department, on the ground that, under the McCall bill of 1933, jurisdiction over oil burner installations was vested in the Commissioners of Buildings. Mr. Justice Furman granted a peremptory order of mandamus to remove the violation, stating there is no question but that the Fire Department originally had jurisdiction and he did not believe the legislature intended to allow the Commissioners of Buildings to usurp a function which in its very nature so obviously comes within the jurisdiction of the Fire Commissioner. (N. Y. L. J. Nov. 14, 1934). Appellate Division affirmed peremptory order of mandamus, Presiding Justice Lazansky stating that "where no structural considerations are involved the permit of the Fire Commissioner alone must be obtained." (N. Y. L. J. May 14, 1935).

CALL OF CLERK'S CALENDAR MONDAY, MAY 20, 1935, AT 2 P. M.

Building Zone Cases.

74-35-BZ.

APPLICANT—Charles B. Meyers, for Zex Realty Corp., owner.

PREMISES—2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station.

82-35-BZ.

APPLICANT—Benjamin Millstein, for Millie Siegel, owner.

PREMISES—210 West 88th street (Block No. 1236, Lot No. 41), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of part of an apartment house to business use.

83-35-BZ.

APPLICANT—Benjamin Millstein, for Millie Siegel, owner.

PREMISES—204 and 206 West 88th street (Block No. 1236, Lot Nos. 38 and 39), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of part of two (2) apartment houses to business use.

MAY 21, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 21, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 80-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Kavy and Kavovitt, Inc. applicants, on behalf of Sophia A. Seidman and Estate of Sarah Newland, owners, to permit on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area re-

quirements; premises 1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

CAL. NO. 441-31-BZ—Application, September 9, 1931, under section 7f of the building zone resolution, of Michael Giventer, applicant, on behalf of Isidor Popkin, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board March 29, 1932; restored to active Calendar April 30, 1935); premises 7702-7704 Flatlands avenue, southeast corner of East 77th street (Block No. 8014, Lot No. 1), Brooklyn.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

CAL. NO. 77-35-BZ—Application, March 21, 1935, under section 21 of the building zone resolution, of Philip Bardes, applicant, on behalf of Barilio Giovannini, owner, to permit partly in a business district and partly in an unrestricted district the alteration and change of occupancy of part of an existing building to a motor vehicle repair shop and, also, garage for more than five (5) motor vehicles; premises 16 Morton street, south side, 49 ft. 5¾ in. east of 7th avenue (Block No. 586, Lot No. 55), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

MAY 21, 1935, 2 P. M.

Appeals from Administrative Orders.

37-35-A—98-100 Beard street, northwest corner of Richards street (Block No. 604, Lot No. 16), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

33-35-A—134-27 218th street (Block No. 3590, Lot No. 13), Springfield, Borough of Queens.

111-35-A—140 East 41st street (Block No. 1295, Lot No. 45), Manhattan.

Building Zone Applications.

NOTICE IS HERBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 21, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 42-34-BZ—Application of Philip Finkelstein, on behalf of Emdee Management Corporation, owner, reopened March 5, 1935, by

CALENDAR

order of the court, for reconsideration under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

CAL. NO. 44-35-BZ—Application, February 18, 1935, under section 21 of the building zone resolution, of Kennedy and Ellner, applicants, on behalf of Henry A. Bonori, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR MONDAY, MAY 27, 1935, AT 2 P. M.

Building Zone Cases.

257-33-BZ.

APPLICANT—Alfred H. Eccles, for Oliver Holding Corp., owner.

PREMISES—41-22 to 41-48 46th street, west side, 100 ft. north of 43rd avenue and 41-23 to 41-47 45th street (Block No. 156, Lot Nos. 5 and 31), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution, (reopened May 22, 1934).

TO PERMIT in a residence district the maintenance of an open air parking space and a small office building.

492-29-BZ.

APPLICANT—Charles Schaefer, Jr., for Theobald Bros. Corporation, owner.

PREMISES—2183-2185 Grand Concourse, west side, 154.94 ft. south of East 182nd street (Block No. 3162, Lot No. 30), The Bronx.

APPLICATION, under section 21 of the building zone resolution, (reopened December 11, 1934),

TO PERMIT in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores).

61-35-BZ.

APPLICANT—W. H. Harrington, for Jos. L. Fries Co., Inc., owner.

PREMISES—307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

MAY 28, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 28, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 340-23-BZ—Application of Clarence F. Kaltenbach, owner, reopened November 20, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and conversion of a portion of a garage (previously granted by the board) so as to extend an existing gasoline service station; premises 888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Brooklyn.

CAL. NO. 73-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of Max Hausle, applicant, on behalf of Mary Entenmann, owner, to permit in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop; premises 1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

CAL. NO. 352-32-BZ—Application of David S. Lang, on behalf of Max Goldman, owner reopened February 13, 1935, under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (previously granted by the Board for a temporary period—the temporary period has expired); premises 3305-3311 Boston road and 1152 East 211th street, southwest corner (Block No. 4705, Lot Nos. 62-65), The Bronx.

HARRIS H. MURDOCK, *chairman*.

MAY 28, 1935, 2 P. M.

Appeal from Administrative Order.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 28, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 53-31-BZ—Application of Isaac T. Flatto, owner, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period); premises 301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, Lot No. 63 and part of Lot Nos. 62 and 64), The Bronx.

CALENDAR

CAL. NO. 50-35-BZ—Application, February 21, 1935, under section 21 of the building zone resolution, of August Staiano, applicant, on behalf of Francis G. Hooley and Sara Wilson, owners, to permit on a plot extending from a business district into a residence district the erection and maintenance of a gasoline service station on the business part of the plot; premises 1264 Castleton avenue, south side, 272.09' east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Richmond.

CAL. NO. 92-31-BZ—Application of Abraham N. Horwitz, on behalf of Sarah Raskin and Yetta Raskin, owners, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period; denied by the Board for a permanent maintenance and referred back to the Board by the court); premises 8401-8411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

CAL. NO. 56-35-BZ—Application, March 2, 1935, under section 21 of the building zone resolution, of Landi & Landi, applicants, on behalf of Diego Aiello, owner, to permit on a plot of ground located in a business district the erection and maintenance of a motor vehicle repair shop and, also, the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles; premises 13-21 Truxton street, north side, 100 feet west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

CAL. NO. 59-35-BZ—Application, March 7, 1935, under section 21 of the building zone resolution, of William W. Knowles, applicant, on behalf of William L. Savacool, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens.

CAL. NO. 71-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of John Krupski, applicant and owner, to permit in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehicle; premises 147-15 Brinkerhoff avenue, north side, 100 feet east of Liverpool street (Block No. 2725, Lot Nos. 412 and 414), Jamaica, Borough of Queens.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone

resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, JUNE 3, 1935, AT 2 P. M.

Building Zone Cases.

27-35-BZ.

APPLICANT—John J. Dunnigan, for Bertha Schrank, owner.

PREMISES—3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station.

431-31-BZ.

APPLICANT—Anna Segall, owner.

PREMISES—2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362, Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

110-35-BZ.

APPLICANT—Scacchetti & Siegel, for 2210 Grand Concourse, Inc., owner.

PREMISES—2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

510-32-BZ.

APPLICANT—Arthur W. Renander, for Hermine Weber, owner.

PREMISES—135-15 to 135-23 Rockaway boulevard and 120-32 to 120-38 Van Wyck boulevard, northwest corner (Block No. 2558, Lot Nos. 1 and 3), South Ozone Park, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution, (reopened May 15, 1934),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

CALENDAR

JUNE 4, 1935, 2 P. M.

Appeal from Administrative Order

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, June 4 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 222-34-BZ—Application, August 2, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Meyer Werman, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full

vote of the board October 30, 1934; re-stored to active Calendar May 14, 1935); premises southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

JUNE 11, 1935, 2 P. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, June 11, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 915-19-BZ—Application of Jacob Feld, on behalf of Paul Viane, owner, reopened May 14, 1935, to permit the connection by vehicular opening protected by fire door, of a garage for more than five (5) motor vehicles in a business use district, granted by the Board under Section 7e of the building zone resolution on December 18, 1919, with a garage for more than five (5) motor vehicles in an unrestricted use district; premises 685-691 Lenox avenue, northwest corner of West 144th street and 104-106 West 145th street (Block No. 2013, Lot Nos. 29 and 37), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, MAY 14, 1935.

Present: Chairman Murdock, Commissioner Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the Board held on Tuesday morning, May 7, 1935 and the minutes of the regular meeting of the board held on Tuesday afternoon, May 7, 1935, were approved as printed in Bulletin No. 20, Vol. XX.

BUILDING ZONE CASES.

92-31-BZ.

APPLICANT—Abraham N. Horwitz, for Sarah Raskin and Yetta Raskin, owners.

SUBJECT—Application (re decision of the superintendent of bldgs.) under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period; denied by the Board for a permanent maintenance and referred back to the Board by the Court; reopened February 13, 1935).

PREMISES AFFECTED—8401-8411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

APPEARANCES—

For Applicant: Abraham N. Horwitz, John Joven, Richard J. Lewis, Louis Raskin, Rubin Raskin.
For Opposition: None.

ACTION OF BOARD—Laid over to May 28, 1935, at 2 p. m. for report of committee on inspection. No further argument.

56-35-BZ.

APPLICANT—Landi and Landi, for Diego Aiello, owner of bldgs), under section 21 of the building zone resolution, to permit on a plot of ground located in a business district the erection and maintenance of a motor vehicle repair shop and, also, the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles.

PREMISES AFFECTED—13-21 Truxton street, north side 100 ft. west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

APPEARANCES—

For Applicant: Archie H. Samuels, P. Vincent Landi.

For Administration: Assistant Engineer Benjamin Saltzman for department of buildings.

For Opposition: Mrs. Julia Bisogno, A. J. Planagan, G. Colleti, George H. Zahn, Richard T. Hickson, Joe Riala, Vincent Riala.

ACTION OF BOARD—Laid over to May 28, 1935, at 2 p. m. for report of committee on inspection. No further argument.

59-35-BZ.

APPLICANT—William W. Knowles, for William L. Savacool, owner.

MINUTES

SUBJECT—Application (re decision of the commissioner of bldgs.) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—135-20 to 135-22 Horace Harding boulevard (Nassau blvd.) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: William W. Knowles, William L. Savacool.

For Opposition: George Bergen, Patrick S. O'Neill, Otto Foelsch, Elizabeth O'Neill.

ACTION OF BOARD—Laid over to May 28th, 1935 at 2 p. m. for report of committee on inspection. No further argument.

71-35-BZ.

APPLICANT—John Krupski, owner.

SUBJECT—Application (re decision of the commissioner of bldgs.) under section 21 of the building zone resolution to permit in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehicle.

PREMISES AFFECTED—147-15 Brinkerhoff avenue, north side, 100 ft. east of Liverpool street (Block No. 2725, Lot Nos. 412 & 414), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: John Krupski, David Richman.

For Opposition: Philip Kranzbaum, Joseph R. Kurowski, Stanislaw Sorsko.

ACTION OF BOARD—Laid over to May 28th, 1935, at 2 p. m. for report of committee on inspection. No further argument.

Adjourned, 1:00 p. m.

EDWARD V. BARTON, *Chief Clerk.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY AFTERNOON, MAY 14, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

243-34-BZ.

APPLICANT—Samuels and Samuels, for A. R. Olsen Bldg. Co., Inc.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2909-2917 86th street and 525-535 Van Siclen street, Northeast corner (Block No. 7169, Lot No. 28) Bklyn.

APPEARANCES—

For Applicant: None.

For Opposition: None.

ACTION OF BOARD—Laid over to June 4, 1935 at 2 p. m. for report of committee on inspection. No further argument.

44-35-BZ.

APPLICANT—Jacob Sulzbach, for Ken-Isle, Inc., owner.

SUBJECT—Application (re decision of the commissioner of bldgs.) under sections 7a and 21 of the building zone resolution, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dye building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.

PREMISES AFFECTED—18-05 11th avenue, east side, 800 ft. south of Locke Avenue (Block No. 4729, Lot No. 46, Block No. 4732, Lot No. 9 Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

APPEARANCES—

For Applicant: Isidor Paul, Irving M. Fenichel.

For Opposition: Emanuel H. Jerabek, Michael Tursi, Anna Tursi, Valentine Sikora, Helen Schiffmacker, Anna Wolt, Florence Clay, Daniel J. Buckley, Thomas Kelly, H. Stribrinsky and Fred Holderer.

ACTION OF BOARD—Laid over to May 28, 1935 at 2 p. m. for applicant to file affidavit of former occupancy of premises.

386-33-BZ.

APPLICANT—Marcus L. Bermann, for Ralph Horton, owner.

SUBJECT—Application for reopening—reconsideration under section 7f of the building zone resolution—re Application (decision of the commissioner of buildings) to permit in a business district the erection and maintenance of a gasoline service station, denied under section 21.

PREMISES AFFECTED—Northeast corner of Eastern boulevard and Soundview avenue, through to Croes avenue (Block No. 3722, Lot No. 18), The Bronx.

APPEARANCES—

For Applicant: Marcus L. Bermann.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

915-19-BZ.

APPLICANT—Jacob Feld, for Paul Viane, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) to permit the connection by vehicular opening protected by fire door, of a garage for more than 5 motor vehicles in a business use district, granted by the Board under Section 7E on December 18, 1919, with a garage for more than 5 motor vehicles in an unrestricted use district.

PREMISES AFFECTED—685-691 Lenox avenue and 101 West 144th street, northwest corner and 104-106 West 145th street (Block No. 2013, Lot Nos. 29 and 37), Manhattan.

APPEARANCES—

For Applicant: Jacob Feld.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing June 11, 1935, at 2 p. m.

MINUTES

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

567-32-BZ.

APPLICANT—Raymond B. Stringham, for A. C. & H. M. Hall Realty Company, present owner.

SUBJECT—Application for reopening—(re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit the amendment of a resolution, granting in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles, so as to include an additional vehicular driveway and also, the alteration and change of occupancy of part of said garage to include a gasoline service station.

PREMISES AFFECTED—3320-3338 Broadway, east side, from West 134th street to West 135th street (Block No. 1988, Lot No. 1), Manhattan.

APPEARANCES—

For Applicant: Michael J. Villamena.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commrs.
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

222-34-BZ.

APPLICANT—Samuels and Samuels, for Meyer Werman, owner.

SUBJECT—Application (re decision of the commissioner of bldgs.) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously laid over for full vote of Board).

PREMISES AFFECTED—Southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Borough of Queens.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

ACTION OF BOARD—Application restored to active calendar and set for hearing June 4, 1935, at 2 p. m. Inspection to be made by a committee of the board.

THE VOTE TO RESTORE TO CALENDAR—

Affirmative: Chairman Murdock, Commrs.
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

349-34-BZ.

APPLICANT—Christopher C. McGrath, for Blanche Rosenberg, owner.

SUBJECT—Application (re decision of the commissioner of bldgs.) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1131-1139 Morris Park avenue and 1801-1809 Williamsbridge Road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

APPEARANCES—

For Applicant: Christopher C. McGrath.
For Opposition: James F. Reynolds.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commrs. Savage
and Blum and Assistant Chief Kidney.. 4
Absent 0

THE RESOLUTION—

(349-34-BZ)

WHEREAS, Christopher C. McGrath, for Blanche Rosenberg owner, filed December 12, 1934 an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 1131-1139 Morris Park avenue and 1801-1809 Williamsbridge Road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 14, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Morris Park Avenue is in a business district; Williamsbridge Road is in a business district and Tomlinson Avenue is in a residence and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered December 1, 1934, re N. B. Applic. No. 248-1934, reads:

"1. Erection of building and occupancy of premises in business district for use as gasoline service station is contrary to provision of Building Zone Resolution.";

and
WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on Morris Park avenue and 100 ft. on Williamsbridge road—upon which it is proposed to erect a one-story office, auto laundry and grease pit structure 60 ft. by 20 ft. in area and, also, the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection by a Committee of the Board on May 2, 1935, report of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 349-34-BZ;

Premises: 1131-1139 Morris Park Avenue and 1801-1809 Williamsbridge road, northwest corner (Block No. 4132, Lot Nos. 32, 33, 34 and 35), The Bronx.

The plot under appeal is located at the northwest corner of Williamsbridge Road and Morris Park avenue. The frontages for the area fronting on these two thoroughfares are zoned for business use and elsewhere for residence use. This plot is vacant and the business frontage is generally vacant. The zoning variance desired is for a gasoline service station under section 21. This is an important corner in an area awaiting development. As zoned, there is no hardship within the meaning of the Zoning Resolution. Such hardship as there is, is financial due to carrying vacant property, and in this respect the surrounding owners are in a similar position. Within the doctrine of the Y. W. H. A. decision of the Court of Appeals, there must be equality of privileges. That now exists. All similarly located plots are zoned with equal opportunity for development. The objectors are generally speculative owners who, like this owner, bought for the future hoping for transportation improvement. The future appears deferred longer than was expected, but the area in the opinion of the Committee is intrinsically valuable and adaptable to conforming uses. Apartment buildings and stores would undoubtedly be in demand now if they could be financed.

To permit a gasoline station where no non-conforming use now exists would be to start the deterioration of the neighborhood and invite other similar applications which would be difficult to refuse.

MINUTES

The best interests of all will be protected by denying this application and the Committee who have inspected the area so recommend.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the report recommended the denial of the application; and the Board deemed that the applicant did not substantiate his basis of appeal, under Section 21 of the Building Zone Resolution, practical difficulties and unnecessary hardships.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

182-30-BZ.

APPLICANT—Marshall and Marshall, for Jennie MacDonald, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to Calendar February 19, 1935).

PREMISES AFFECTED—8918-8932 Fourth Avenue, northwest corner of 90th Street (Block No. 6064B, Lot No. 65), Brooklyn.

APPEARANCES—

For Applicant: George A. Marshall.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commrs. Savage

and Blum and Assistant Chief Kidney.. 4

Absent 0

THE RESOLUTION—

(182-30-BZ)

WHEREAS, this application affecting premises 8918-8932 Fourth Avenue, Northwest corner of 90th street (Block No. 6064B, Lot No. 65), Borough of Brooklyn was filed March 13, 1930, by William A. Lacerenza, for the Paras Holding Co., owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; and

WHEREAS, this application was withdrawn July 1st, 1930, and reopened February 19, 1935 on request of Marshall and Marshall, attorneys for the present owner, Jennie MacDonald; and

WHEREAS, a public hearing was held on this application before the Board of Standards and Appeals, at its regular meeting, May 14, 1935, after notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 4th avenue is in a business district; 90th Street is in a residence, business and unrestricted district and Forest Place is in a residence and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered February 4, 1935, re App. No. 312-1935, is as follows:

"Proposed gasoline service station to be located partly in a residential and partly in a business use district is contrary to Art. II, Sec. 3 and Sec. 4a of Zone Resolution."

WHEREAS, the premises consist of an irregular shaped lot of ground having a frontage of 105 ft. 4 in. on 90th Street, 131 ft. 11 in. on 4th Ave. and 154 ft. 7 in. on Forest Place. A small irregular area at the S. W. corner of the lot is in the residence district; the remainder is in the

business district. Proposes to erect on the plot a one story building 70 ft. by 24 ft. in area to be used as office and auto laundry and grease pits and also to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board on May 2, 1935, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 182-30-BZ.

Premises: 8918-8932 Fourth avenue, northwest corner 90th street (Block 6064B, Lot No. 65), Brooklyn.

This is an application for a zoning variance under Section 21, to permit a triangular plot mainly in the business use area but partly in a residential use area, to be occupied as a gasoline service station.

A committee of the board has inspected this site and cannot find that hardship exists. Temporarily the real estate experts may be right that there is difficulty in making a sale or procuring mortgage money for development, but there appears nothing that makes this site unique and unadaptable to a conforming use. The extension of the subway past this property to 93rd Street should improve the possibility of its use. In the committee's opinion, the site is admirably adapted to a multiple dwelling. Adjoining a residential area, surrounded by three streets one of which is, as yet unmapped, thereby gaining permanent light and air on all sides and while triangular, not too small in area for economical planning.

There are three gasoline stations within the area, all established prior to the prohibitive amendment, but the general appearance of the section indicates improvement and not deterioration. What is proposed, while perhaps advantageous to this owner who apparently has no idea of developing the site, would, in the committee's opinion, be exceedingly harmful to the area already amply supplied with gasoline stations. Along Fourth Avenue for practically the entire frontage are sidewalk gratings for the ventilation of the subway. There are four consents, but thirty-five objections. The committee is impressed, after visiting the site, with the arguments of the objectors against granting this application and recommends that the application be denied.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report, recommended that the application be denied; and the board deemed that the applicant failed to substantiate his basis of appeal, under Section 21 of the building zone resolution; practical difficulties and unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

55-35-BZ.

APPLICANT—Samuels & Samuels, for Esther Weiss, owner.

SUBJECT—Application (re decision of the commissioner of bldgs.) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—5255-5265 Kings Highway and 5302 Preston Court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: Charles H. Fier.

ACTION OF BOARD—Application granted on condition.

MINUTES

THE VOTE—

Affirmative: Chairman Murdock, Commrs. Savage and Blum 3
Negative: Assistant Chief Kidney 1
Absent 0

THE RESOLUTION—

((55-35-BZ))

WHEREAS, Samuels and Samuels, for Esther Weiss, owner, filed an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 5255-5265 Kings Highway and 5302 Preston Court, southeast corner (Block No. 7949, Lot No. 10), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 14, 1935, after notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Kings Highway is in a business and residence district; Preston court is in an unrestricted and business district; Foster Avenue is in a business and residence district and E. 53rd Street is in a residence district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered February 27, 1935, re Applic. No. 1490-1935, reads:

"Proposed gasoline service station to be located in a business use district is contrary to Art. II, Sec. 4a, of Zone Resolution. Denied."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 80 ft. on Kings Highway and 100 ft. on Preston Court upon which it is proposed to erect a one story office and service room structure 23 ft. by 35 ft. in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board on May 2, 1935, report of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 55-35-BZ,

Premises: 5255-5265 Kings Highway & 5302 Preston Court, S.E.C. (Block 7949, Lot 10), Brooklyn.

Under Section 21, this application is for a zoning variance to permit occupancy of a gasoline service station. The plot is 80 x 100 ft. in an area zoned for business, but adjoining an area zoned for unrestricted use. Near this point the Long Island Railroad crosses Kings Highway overhead and along both sides of the embankment the property is zoned for unrestricted use with the frontage along Kings Highway zoned for business use. On either side of the overhead bridge there are five gasoline stations, one opposite the plot under appeal established prior to the prohibitive amendment of 1925 and four others granted by the Board between 1925 and 1926.

There should be a limit to the extension of gas stations beyond this immediate area, but in the opinion of the committee which inspected the area on May 2, 1935, the combination of conditions make the possibility of constructing a conforming use remote. Undoubtedly the area should be restudied as to zoning. Preston Court, zoned for unrestricted use, is given over largely to residential use, but there is vacant unrestricted property immediately adjoining this site under appeal on which any use could be placed without restriction.

The applicant suggests a permit along the lines of the St. Albans-Springfield decision, to be subject to removal when the property can be reasonably used. The committee is not in favor of such an application of the St. Albans decision, as that applied only to farm land. This is not farm land and is not undeveloped. It

is sparsely developed, mainly with non-conforming uses such as might be expected adjoining unrestricted areas through which a railroad embankment extends.

The committee recommends that this application be granted for a term of five (5) years in order to provide sufficient tenure to justify the construction of a station that will tend to improve rather than further depreciate existing conditions.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended that the application be granted for a period of five years, under Section 21 of the building zone resolution, with such safeguards as the Board saw fit to impose to protect affected property owners; and

WHEREAS, the Board deemed that a temporary variance for a period of 5 years should be granted.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* for a period of five years, from the date of this action, under Section 21 of the building zone resolution, permitting the site under appeal to be used for a gasoline service station, *on condition* that the plot shall be leveled substantially to the grade of Kings Highway; that the accessory buildings shall not exceed one story in height and shall be generally of the architectural design indicated on plans filed with this appeal and shall be located toward the rear of the plot; that there shall be erected on the interior lot lines a heavy woven wire fence not less than 6 feet in height; that there shall be located along the street building line a reinforced concrete curbing not less than 5 inches in height with rounded top and not less than 12 inches in width with not over two openings therein to Preston court and not over two openings to Kings Highway; that these openings shall not exceed 25 feet in width with curb cuts opposite not exceeding 30 feet in width each; that no part of any opening shall be nearer than 5 feet to the corner formed by the intersection of Preston court and Kings Highway nor less than 5 feet from the interior lot line; that the gasoline pumps shall be located not nearer than 15 feet from the street building line of Kings Highway; that the entire plot where not covered by accessory buildings shall be cement or asphalt paved; that the accessory building shall be constructed of fireproof materials except that the roof beams, roof boarding, door frames and doors, window frames and sash may be of wood and provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall be no open excavation under any part of the accessory building except the pits for the greasing racks; that the greasing racks section shall have fronts open; that there shall be no automobile repairing permitted on the premises; that no portable gasoline pumps shall be used on or from the premises; that there shall be no parking of cars on the premises other than those being serviced; that all advertising signs shall be limited to the illuminated globes of the pumps and to a permanent flat sign on the face of the accessory building; except that there may be not over one advertising post erected within the building line near the intersection of the two streets to carry a sign which may be illuminated and which may extend over the building line not over 10 feet, advertising only the brand of gasoline for sale; that illumination by night shall be by means of a post standard not over 10 feet in height with metal shade arranged to reflect downwardly; that complete plan shall be submitted and approved by the chairman in behalf of the board before same are filed with the com

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missioner of buildings; that after such approval, all permits shall be obtained within six months and all work completed within one year from the date of this resolution.

315-34-BZ.

APPLICANT—Sidney L. Strauss, for John H. Gerken, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—460-468 Marcy avenue and 63-71 Hopkins street, northwest corner (Block No. 1719, Lot Nos. 43 to 49, inclusive), Brooklyn.

APPEARANCES—

For Applicant: Sidney L. Strauss.

For Opposition: I. S. Sherman.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Absent 0

THE RESOLUTION—

(315-34-BZ)

WHEREAS, Sidney L. Strauss, for John Gerken, owner, filed November 13, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises 63-71 Hopkins street and 460-468 Marcy avenue, northwest corner (Block No. 1719, Lot Nos. 43 to 49, inclusive), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 14, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Marcy avenue is in a business and unrestricted district; Hopkins street is in a business and unrestricted district and Flushing avenue is in an unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered October 29, 1934, re Application No. 14844-1934, reads:

“Proposed gasoline service station to be located in a business use district is contrary to Art II, Sect. 4a of Zone Resolution.”;

WHEREAS, the premises consist of a plot of ground having frontage of 100 ft. on Marcy avenue and 100 ft. on Hopkins street, upon which it is proposed to erect a one-story office structure 50 ft. by 10 ft., irregular in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board on May 2, 1935, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal No. 315-34-BZ.

Premises—63-71 Hopkins street, 460-468 Marcy avenue northwest corner (Block No. 1719, Lot Nos. 43 to 49, inclusive), Brooklyn.

This is an application for a zoning variance under section 21, to permit the plot at the northwest corner of Marcy avenue and Hopkins street to be occupied as a gasoline service station. Although indicated as vacant on the diagram and stated as occupied for used cars which use the photographs indicate, upon inspection it was found that there are three old 2-story buildings

existing and a rear 1-story wooden building where painting and repairing are being carried on. The committee were advised that these buildings rent for \$35. per month each, which, if true, would indicate that the income is much greater than represented. It would appear that the use to which this plot is put is more of a junk yard for old cars than for resale. None of the cars stored look saleable.

This plot is zoned for business use and it adjoins unrestricted use north and west. Flushing avenue, Marcy avenue and the newly constructed Union avenue, all to the north, are zoned for unrestricted use. The gasoline station diagonally opposite is in the unrestricted area while in the adjoining area zoned for business use, the uses appear to be all conforming. The buildings immediately adjoining, even though located in the unrestricted zone, are occupied for uses conforming to a business use district.

The subway constructed along Marcy avenue is not yet opened but a station entrance is on this block.

The committee is of the opinion that the opening of Union avenue, the prospect of subway operation, the rehabilitation of nearby buildings, indicate that the time may be near when this plot can be put to conforming uses, and that temporarily the present use is or should provide enough to pay carrying charges. While this condition may not be satisfactory to the owner, the committee is of the opinion that sufficient hardship has not been disclosed to justify the board in exercising its discretion to grant this application, and denial is recommended.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application and the board deemed that the applicant did not substantiate his basis of appeal, under section 21 of the building zone resolution, practical difficulties and unnecessary hardships.

Resolved, that the decision of the commissioner of buildings be and it hereby is affirmed and that the application be and it hereby is denied.

619-31-BZ.

APPLICANT—Edwin H. Snackenberg, for Greater City Service Stations, Inc., lessee.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) permitting under section 7f of the building zone resolution, the continuation of the gasoline service station, located partly in a business district and partly in a residence district, for a temporary period of two (2) years.

PREMISES AFFECTED—148-14 to 148-26 111th avenue, southwest corner of Sutphin boulevard (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Edwin H. Snackenberg.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

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Negative 0
Absent 0

THE RESOLUTION—

(619-31-BZ)

WHEREAS, this application affecting premises 148-14 to 148-26 111th avenue (Block No. 2745, Lot No. 26), Jamaica, Borough of Queens, to permit in a business district the erection and maintenance of a gasoline service station was granted by the board April 29, 1932, for a temporary period of two years time extended for an additional period of two years on March 12, 1935, and owner, through his agent, Edwin H. Snackenberg, requested an amendment to the resolution.

Resolved, that the resolution of the board of March 12, 1935, be and it hereby is *amended* to read as follows: (new matter in italics)

Resolved, that the Board of Standards and Appeals *does* hereby *affirm* its action of April 29, 1932, denying the application under section 21 of the building zone resolution but permitting under section 7, subdivision F of the building zone resolution the continuation of the gasoline service station for a temporary period of two years from the date of this action, and permitting the area so used to be as indicated on plans marked "Received September 19, 1934," having a total frontage of 164.17 ft. on Sutphin boulevard and 128.77 ft. on 111th avenue, *on condition* that the accessory buildings shall be located toward the centre of the plot as indicated and shall not exceed those now in place consisting of one-story office and a one-story laundry; that there shall be erected on the interior lot lines a masonry wall not less than 8 feet in height that there shall be not more than four (4) open grease pits; *that the four (4) existing gasoline pumps and the four (4) existing gasoline tanks shall be located as shown on plans filed with this application*; that the gasoline pumps shall not be nearer than 10 feet from the street building lines; *and that two (2) additional pumps and two (2) additional tanks shall be located as shown on revised plan marked "Revised March 8, 1935," towards the southerly portion of the property provided such pumps are not less than 15 feet removed from the street line of Sutphin boulevard*; that the entire area shall be graded substantially to the level of Sutphin boulevard and shall be cement paved for the area from Sutphin boulevard to the rear of accessory buildings; that the balance of the premises shall be cement or asphalt paved or surfaced with cracked bluestone bound with a suitable binder; that there shall be erected along the 111th avenue frontage on the street line a concrete curb not less than 12 inches in width nor less than 5 in. in height, continuously from the southerly interior lot line to a point within 30 feet of the corner formed by the intersection of Sutphin boulevard and 111th avenue; that there shall be a similar curb located at the corner so formed, of not less than 5 feet in length in either direction; that there shall be a similar curb erected continuously along Sutphin boulevard with not over three (3) openings therein, each opening not to exceed 30 feet in width and with the easterly opening not nearer than 5 feet to the interior lot line and that opposite these openings curb cuts shall be erected not exceeding 35 feet in width each; that advertising shall be confined to the illuminated globes of the pumps and to permanent flat signs attached to the accessory buildings, eliminating all roof signs and signs of a temporary nature; that no automobile repairing shall be permitted on the premises; that no portable gasoline pumps shall be used on or from the premises; that no open flame shall be permitted on the premises and no parking of cars permitted on the premises; that all permits required shall be obtained within three months and all work completed within six months from the date of this amended resolution.

APPEALS FROM ADMINISTRATIVE ORDERS.

348-34-A.

APPELLANT—The Mantrose Corporation, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

APPEARANCES—

For Appellant: Samuel Rosenblum, Willard Jacobs, M. A. Rosen and Frederick S. White.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—

Laid over to June 4, 1935, at 2 P. M., for inspection by a committee of the board. No further argument.

78-35-A.

APPELLANT—S. A. Swenson, for the O. B. Potter Properties, Inc., owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—436-440 Lafayette street (Block No. 545, Lot No. 34), Manhattan.

APPEARANCES—

For Appellant: S. A. Swenson.

For Administration: Inspector Maher of dept. of buildings.

ACTION OF BOARD—Appeal withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

57-35-A.

APPELLANT—Benjamin B. Maksik, for Premier Assets Corp., owner of premises affected; Sol. R. Kaplan for Anna Kaplan, adjoining owner.

SUBJECT—Application for reconsideration of board's action of March 26, 1935, re appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1400 51st street and 5101 14th avenue, southeast corner (5107 14th avenue, adjoining building); (Block No. 5657, Lot No. 7), Brooklyn.

APPEARANCES—

For Appellant: Benjamin B. Maksik.

For Opposition: Bernard Sand.

For Administration: Assistant Engineer Benjamin Saltzman of department of buildings.

ACTION OF BOARD—Action of the board of March 26, 1935, reaffirmed.

THE VOTE TO AFFIRM ACTION OF THE BOARD OF MARCH 26, 1935—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(57-35-A)

WHEREAS, Benjamin B. Maksik, for Premier Assets Corp. owner, filed March 5, 1935, an appeal from a decision of the commissioner of buildings, affecting premises 1400 51st street and 5101 14th avenue, adjoining building 5107 14th avenue (Block 5657, Lot No. 7), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings dated March 17, 1933, reads:

"You will please take notice that there exists a violation of the building code at the premises hereinafter described, in that adjoining the described new building o

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the south side is a two (2) story and attic frame building 20 ft. by 50 ft. occupied as a one (1) family dwelling, the chimney of which is 9 ft. 6 ins., distant from the new building. This chimney should have been carried up to the height of the new building at the time of erection but was not done. In violation of Section 392, par. 9, of the building code:

"You are required to carry the chimney at No. 5107 14th avenue up to and above the roof of 5101 14th avenue."

and

WHEREAS, the building is non-fireproof, 6 stories in height, 60 ft. by 90 ft. in area; occupied: as a tenement house, 30 families; on the plot adjoining these premises to the south is a 2-story and attic frame building, 20 ft. by 50 ft., occupied as a 1-family dwelling; the eaves of which are approximately 3 ft. from the lot lines; and

WHEREAS, it is contended by the commissioner of buildings under Section 392 of the building code, that the chimney of this 1-family dwelling is 9 ft. 6 in. distant from the building in question, which building in question was erected in December, 1930, and that the chimney of the 1-family dwelling should have been carried up above the roof of the new building; and

WHEREAS, it is the opinion of the board that the provisions of Section 392 of the building code were intended to apply only to buildings on neighboring premises which have walls actually on the lot line, this opinion being borne out by the fact that under Section 238, where the words "adjoining properties" were formerly used, these words have been changed to "neighboring properties," showing a clear distinction in the mind of the framer between the meaning of the words "neighboring" and "adjoining"; and that the requirement of Section 392 would apply only to a building with wall on the lot line and with a chimney within 10 ft. of the wall of the building being carried up; and

WHEREAS, in the instant case the wall of the 1-family dwelling is entirely isolated being 3 ft. or more away from the lot line and it would require spanning of the open space to carry up the chimney; and

WHEREAS, this appeal was granted by the board March 26, 1935, the resolution reading as follows:

Resolved, that the decision of the commissioner of buildings be and it hereby is *reversed* and the appeal be and it hereby is *granted*;

and

WHEREAS, the owner of the premises 5107 14th avenue, through her attorney, Sol. R. Kaplan, requested a reopening of the case in order to present certain facts and this case was reopened by vote of the board April 30, 1935, and further argument was heard; and

WHEREAS, a committee of the board inspected these premises on May 2, 1935, report of which inspection was read at the hearing of May 14, 1935, and which report follows:

REPORT OF COMMITTEE OF INSPECTION

Cal. No. 57-35-A.

Premises—1400 51st street and 5101 14th avenue, southeast corner, adjoining building 5107 14th avenue (Block No. 5657, Lot No. 7), Brooklyn.

This is an appeal from the decision, dated March 17, 1933, of the commissioner of buildings requiring the owner of a six-story multiple dwelling for which a certificate of occupancy was issued by the then superintendent of buildings upon completion in June, 1931, to carry up the chimney on a neighboring building on an adjoining lot at 5107 14th avenue.

On March 26, 1935, the appeal was granted but because the owner of the house at 5107 14th avenue claimed that he should have had an opportunity to be heard and because he claimed that the plans submitted were not correct, the Board reopened the case to permit this owner to present his objections to the appeal being granted and to permit an inspection by a committee of the board.

It has not been the practice to require in the case of an appeal from an administrative order other than in zoning matters, notice of the appeal be given to anyone other than the administrative official where determination is under review. (Such notice was given by the applicant.) This appeal was, however, duly noticed in the Bulletin which, in the Ottinger decision, was declared to be legal notice to all parties affected.

More than twenty days elapsed before the appeal was filed. The applicant should have made his appeal within that time but chose to defend his position before the Magistrate, and after failing to obtain a favorable determination notified the Magistrate that an appeal to this board was being taken. Previously a plea of guilty was entered and sentence was suspended for the purpose, the applicant says, to permit further conversations with the commissioner of buildings. Failing in this effort, the applicant attempted to withdraw his plea of guilty and enter a plea of not guilty, but this was refused and a fine of \$100. was imposed. The rule that an appeal shall be filed within 20 days (now 30 days) is a rule of this board and can be waived by the board, as was done in this appeal, by virtue of it having been heard and determined. The Court has ruled that in such cases hearing the appeal constitutes waiving the rule without a resolution to that effect.

The board cannot, of course, interfere with the decision of the Magistrate, but this applicant is entitled to a determination and an interpretation of the ordinance. After such is rendered, the Court can make such disposition as it deems proper. A decision by this board is in no sense a review of the Magistrate's finding.

This board has interpreted Section 392 of the building code as intended to apply only to a building on a neighboring property which has a wall on the lot line and there exists a chimney within ten feet thereof. In that event such chimney is to be carried up above the new building, if the new building wall is either on the lot line or within three feet of the lot line.

A committee of this board inspected the premises on May 2, 1935. Contrary to the plans filed with the appeal the building on the adjoining property, while removed three feet or more from the lot line, has an enclosed stoop at the rear which extends to the lot line. Technically perhaps, there may, therefore, be a wall on the building line. The chimney itself is a few inches less than ten feet from the lot line. This chimney has been extended up by means of a metal hood and flue to a height of some 9 ft. above the brick chimney. This metal flue is approximately eleven feet from the nearest wall of the new building, but within ten feet of the lot line measured at right angles. There is a large court at that point which increases the chimney draft area.

The committee is of the opinion that the law did not intend that in a case such as this one, an adjoining owner of a new building should be required to carry up the chimney, either by brick constructed on the present chimney, which from appearances would not support the additional masonry, or by spanning ten feet across the side yard with a metal flue attached to the side wall of the new building.

The present and apparently relatively inexpensive extension of approximately nine feet appears to have provided the necessary draft, indicating that to have extended the flue above the new roof would have entailed unnecessary expense.

It should be noted that when the new building plans were filed and during construction up to the issuance of the certificate of occupancy, there was no objection given and no order issued to comply with Section 392. The violation was filed over a year and a half after the issuance of the certificate of occupancy, on which the owner is justified by law in relying upon as final and as evidence of complete fulfillment of all requirements within the purview of the commissioner of buildings.

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APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of the board for test and report and to obtain such information from other departments as may be deemed necessary.

113-35-SA.

APPLICANT—Malvin Brown, for R-S Products Corp., owner.

SUBJECT—Ryan Marvel Oil Burner, Model M, approval of.

APPEARANCES—

For Applicant: Malvin Brown.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of the board for test and report and to obtain such information from other departments as may be deemed necessary.

Adjourned, 4:00 p. m.

EDWARD V. BARTON, *Chief Clerk.*

The committee recommends that the action of the board of March 26, 1935, in granting the appeal be reaffirmed.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended that the action of the board of March 26, 1935, be reaffirmed and the board so deemed.

Resolved, that the action of the board of March 25, 1935, reversing the decision of the commissioner of buildings and granting the appeal, be and it hereby is *reaffirmed*.

APPLIANCES SUBMITTED FOR APPROVAL

108-35-SA.

APPLICANT—David Kaufman, for Concord Burner Company, Inc., owner.

SUBJECT—Concord Burner, approval of.

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, April 30, 1935, as they appeared in the Bulletin No. 19, Vol. XX, are hereby corrected to read as follows:

261-34-BZ.

APPLICANT—Wood and Marshall, for Samuel H. Baylis and Sheldon F. Baylis, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station and also a parking space for more than five (5) motor vehicles.

PREMISES AFFECTED—93-28 New York avenue, west side, 25 feet south of L. I. R. R. (Block No. 1052, Lot Nos. 41 and 43), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Samuel H. Baylis.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kid-
ney 4

* *Correction*—Calendar Number 261-24-BZ in resolution, changed to 261-34-BZ.

Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(261-34-BZ)

WHEREAS, this application affecting premises 93-28 New York avenue, west side, 25 feet south of L. I. R. R. (Block No. 1052, Lot Nos. 41 and 43), Jamaica, Borough of Queens, was granted by the board January 8, 1935, on certain conditions and applicant requested an amendment of the resolution as to advertising signs.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of January 8, 1935, so that as amended portion of it shall read:

"that advertising shall be limited to the illuminated globes of the gasoline pumps and to a flat sign attached to the accessory building and to one post standard erected within the building line as indicated on plan marked 'Received April 29, 1935'; that this post standard may carry a sign, which may be illuminated and which may overhang the building line not over 8 feet provided such sign shall advertise only the brand of gasoline and oil for sale; that other than as amended herein the resolution of the board of January 8, 1935 shall be complied with in all respects."

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

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* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, April 9, 1935, as they appeared in the Bulletin No. 16, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(630-32-A)

WHEREAS, this appeal affecting premises 33 West 60th street (Block No. 1113, Lot No. 8), Borough of Manhattan, was granted by the board March 7, 1933, on certain conditions, amended December 4, 1934, and lessee requested a further amendment.

Resolved, that the resolutions adopted by the board on March 7, 1933, and amended on December 4, 1934, be and they hereby are further *amended*, so that as amended the resolutions will read:

"Resolved, that the order of fire commissioner be and it hereby is *modified* and the appeal be and it hereby is granted as to Order No. 77758-LC, to permit the occupancy of the premises as indicated on the plans filed with this appeal marked 'Received Decem-

* *Correction*—Words "sound recording and motion picture" added to line 29 of resolution.

ber 27, 1932,' as a sound-recording studio as defined in the Code of Ordinances, *on condition* that this occupancy shall be confined to Room 511 on the fifth floor; that there shall be at no time an excess of twenty-five (25) reels, or 25,000 running feet, of inflammable film on the premises, and such film shall be stored in approved sprinklered cabinets constructed and maintained in accordance with the legal requirements therefor and that such additional fire-fighting appliances shall be installed as shall be required by the fire chief and commissioner.

"Resolved, further, that the order of the fire commissioner, No. 5436-LC, dated March 16, 1935, be and it hereby is *modified* to permit the continuation of the sound recording and motion picture studio under appeal as indicated on plans marked 'Received December 27, 1932,' so long as it conforms to the requirements of the resolution of December 4, 1934, and so long as the sprinkler system in the building is maintained in accordance with the Sprinkler Rules of the Board of Standards and Appeals and that the two means of exits are maintained and all draperies or other inflammable material are fireproofed and only so long as the premises are not increased in area."

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

Name of Burner	Calendar No.	Name of Burner	Calendar No.
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		Loneragan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Water Heater Assembly.....	250-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Air-O-Flame Range Burner.....	236-34-SA		
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Clington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	National Range Oil Burner.....	361-34-SA
Clington Range Oil Water Heater, Models M and J	40-35--SA	No-Wyck-Koaleess Range and Stove Oil Burner	251-34-SA
Cur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Quaker Burnoil Stove	11-31-SA
Flurence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quick Meal Range Burner.....	304-34-SA
Flurence Range Burners.....	219-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Gox Range Oil Burner.....	200-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Supp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Terogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Volrid Range Burner.....	48-34-SA	Superfex Oil Burning Heater	491-31-SA
Wes-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 13, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

REVISED ELEVATOR RULES

RULES FOR THE CONSTRUCTION, MAINTENANCE AND OPERATION OF ELEVATORS (ADOPTED JULY 30, 1918, BY THE BOARD OF STANDARDS AND APPEALS, EFFECTIVE AUGUST 26, 1918; REVISED MAY 13, 1919) AND REVISED JUNE 12, 1931, EFFECTIVE DECEMBER 12, 1931.

[240-19-SR]

ELEVATOR RULES

Definitions

1. Alteration.

An "Alteration" of an elevator, dumbwaiter, or escalator, is a change in the use, classification, operation, control, character of power supply, capacity or speed of the elevator, escalator or dumbwaiter, application for which is filed in the Department of Buildings after the Rules become effective.

2. Auxiliary Power Elevator.

An "auxiliary power elevator" is one having a source of mechanical power, such as shafting, in common with other machinery.

3. Bi-Parting Door or Gate.

A "bi-parting door or gate" is a vertical-slide, horizontal-slide, or swing door or gate consisting of two or more sections so arranged that the sections, or pairs of sections, open away from each other, and so interconnected that both sections operate simultaneously.

4. Board.

Wherever the word "Board" is used in these Rules, unless specifically stated otherwise, it shall mean the Board of Standards and Appeals.

5. Bottom Clearance.

"Bottom clearance" of the elevator car is the vertical distance between any obstruction in the pit, exclusive of the compensating device, buffers, and buffer supports, and the lowest point on the understructure of the elevator car exclusive of the safeties, car-frame channels, and guide shoes, when the car floor is level with the lower terminal landing.

6. Bottom Overtravel.

"Bottom overtravel" of the elevator car is the distance the car floor can travel below the level of the lower terminal landing, until the fully loaded car rests on the buffers, and includes the resulting buffer compression.

Bottom overtravel of the counterweight is the distance the counterweight can travel below its position when the car platform is level with the upper terminal landing, until the counterweight rests on the buffers, and includes the resulting buffer compression.

7. Buffer.

A "buffer" is a device designed to absorb the impact of the car or counterweight at the lower limits of travel.

8. Department.

Wherever the word "Department" is used in these Rules, unless specifically designated otherwise, it shall mean the Department of Buildings.

9. Car or Counterweight Safety.

A "car or counterweight safety" is a mechanical device attached to the car or counterweight frame to stop and hold the car or counterweight in case of predetermined overspeed, free fall, or through slackening of the cables.

10. Car Door or Gate.

A "car door or gate" is the door or gate in or on the elevator car ordinarily used for entrance and exit.

11. Car Door or Gate Electric Contact.

A "car door or gate electric contact" is a device to open the control circuit, or an auxiliary circuit, when the car door or gate is open more than two inches from full closure, and thus prevent operation of the elevator in a direction to move the car away from the landing.

12. Car Enclosure.

The "car enclosure or cab" of an elevator is the enclosure consisting of railings, doors or gates, walls, and the top or cover built upon the platform.

13. Car Frame.

A "car frame" (sling) is the supporting frame to which the car platform, upper and lower sets of guide shoes, and the hoisting cables are usually attached.

14. Car-Leveling Device.

A "car-leveling device" is any mechanism or control which will move the car within a limited zone toward and stop the car at the landing. A car-leveling device may also be used for emergency operation of the car throughout its entire travel and for safe-lifting purposes.

15. Car Platform.

The "car platform" is the structure which forms the floor of the car and directly supports the load.

16. Chain-Driven Elevator.

A "chain-driven elevator" is an elevator machine connected to a reversible motor, engine or turbine by a chain.

17. Contract Load.

The "contract load" is the load specified in the contract for the purchase of the elevator, or in the application for the building permit.

18. Contract Speed.

"Contract speed" is the speed specified to be attained by the elevator in the up direction with contract load in the car in the purchase contract or in the application for the building permit.

19. Control.

The "control" of an elevator is the system of regulation by which the starting, stopping, direction of motion, acceleration, speed, and retardation of the elevator are governed.

19.1. Generator-Field Control.

"Generator-field control" is a system in which control is primarily accomplished by the use of an individual generator for each elevator, in which the voltage applied to the hoisting motor is adjusted by varying the strength and direction of the generator field.

19.2. Multi-Voltage Control.

"Multi-voltage control" is a system in which control is accomplished primarily by impressing successively on the armature of the hoisting motor a number of substantially fixed voltages such as may be obtained from multi-commutator generators common to a group of elevators.

19.3. Rheostatic Control.

"Rheostatic control" is a system in which control is accomplished primarily by varying resistance and reactance in the armature and field circuit of the hoisting motor.

20. Conveyor.

A "conveyor" is a device intended for the continuous movement of materials only and operating without the services of an operator thereon.

21. Door Closer.

A "door closer" is a device, operated by gravity or other means, which will automatically close a door when released by the operator or by suitable automatic means.

22. Double-Belted Elevator.

A "double-belted elevator" is an auxiliary power elevator in which the direction of motion is changed without reversal of the prime mover.

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23. Dumbwaiter.

A "dumbwaiter" is a hoisting and lowering mechanism equipped with a car, the maximum horizontal sectional area of which is 9 square feet, whose maximum compartment height, if provided with a fixed or removable bottom, is 4 feet, the maximum capacity of which is 500 pounds, and which is used exclusively for carrying freight or materials.

24. Electric Elevator.

An "electric elevator" is an elevator in which the motion of the car is obtained through an electric motor directly applied to the elevator machinery.

25. Elevator.

An "elevator" is a hoisting and lowering mechanism equipped with a car or platform which moves in guides in a substantially vertical direction.

Dumbwaiters, hoists, endless belts, conveyors, chains, buckets, and similar machines used for the purpose of elevating materials, and tiering or piling machines are not included in the term "Elevator."

26. Elevator Car.

An "elevator car" is the load-carrying unit, including its platform, car frame and enclosure, if any.

27. Elevator Landing.

An "elevator landing" is that portion of a floor, balcony or platform immediately adjacent to the hoistway opening used to receive and discharge passengers, freight or materials.

28. Elevator Machine.

An "elevator machine" is the machinery and its equipment used in raising and lowering the elevator car.

28.1. Traction Machine.

A "traction machine" is an elevator machine in which the motion of the car and counterweight is obtained by means of traction between the driving drum, sheave, or sheaves and the connecting hoisting cables.

28.2. Winding-Drum Machine.

A "winding-drum machine" is an elevator machine in which the cables are fastened to and wind on a drum.

28.3. Direct-Drive Machine.

A "direct-drive machine" is one in which the power is transmitted directly to the driving sheave or sheaves without intermediate mechanism or gears.

28.4. Worm-Geared Machine.

A "worm-g geared machine" is one in which the power is transmitted to the driving sheaves or drum through worm gearing.

28.5. Spur-Geared Machine.

A "spur-g geared machine" is one in which the power is transmitted to the driving sheaves or drum through spur gearing.

29. Emergency Release.

An "emergency release" is a device to make inoperative door or gate electric contacts or door interlocks in case of emergency.

30. Emergency Stop Switch.

An "emergency stop switch" (safety switch) is a device in the car used to cut off the power from the elevator machine independently of the operating devices.

31. Escalator.

An "escalator" is a moving inclined continuous stairway or runway used for raising or lowering passengers.

32. Final Terminal Stopping Device.

A "final terminal stopping device" is an automatic device for stopping the car and counterweight from contract speed, within the top clearance and bottom overtravel, independently of the operation of the normal terminal stopping device, and the operating device.

33. Freight Elevator.

A "freight elevator" is an elevator used for carrying freight or materials and on which only the operator and the

persons necessary for handling the freight or materials are permitted to ride.

34. Gravity Elevator.

A "gravity elevator" is an elevator in which gravity is the source of power.

35. Hand Power Elevator.

A "hand power elevator" is an elevator driven by manual power.

36. Hoist.

A "hoist" is all the machinery, apparatus and equipment, (except cranes) for raising or lowering freight by means of a sling or hook.

37. Hoistway.

A "hoistway" is any shaftway, hatchway, well hole, or other vertical opening or space in which an elevator or dumbwaiter is designed to operate.

38. Hoistway Door or Gate.

A "hoistway door or gate" is the hinged or sliding portion of the hoistway enclosure giving access to the elevator at any landing.

39. Hoistway-Door or Gate Electric Contact.

A "hoistway-door or gate electric contact" is a device to open the control circuit, or an auxiliary circuit, when the hoistway door or gate at which the car is standing is open more than 2 inches from full closure, and thus prevent operation of the elevator car away from the landing.

39.1. Door Unit Contact System.

A "door unit contact system" is a contact system which meets the requirements of the contact definition above, but does not require all the hoistway doors to be closed.

39.2. Hoistway Unit Contact System.

A "hoistway unit contact system" is a contact system which meets the requirements of the contact definition above, and also requires all hoistway doors to be closed.

40. Hoistway-Door Interlock.

A "hoistway-door interlock" is a device, the purpose of which is:

First: To prevent the operation of the elevator machine to move the car away from a landing unless the hoistway door at that landing is locked in the closed position.

Second: To prevent the opening of the hoistway door from the landing side (except by special key), unless the car is at rest within the landing zone, or is coasting through the landing zone with its operating device in the stop position.

40.1. Door Unit Interlock System.

"Door unit interlock system" is an interlock system which meets the requirements of the interlock definition above, but does not require all the hoistway doors to be locked in the closed position.

40.2. Hoistway Unit Interlock System.

"Hoistway unit interlock system" is an interlock system which, in addition to fulfilling the requirements given under the definition of interlock, will also prevent the operation of the car unless all hoistway doors are locked in the closed position.

41. Hoistway Enclosure.

A "hoistway enclosure" is any structure which separates the hoistway, either wholly or in part, from the floors or landings through which the hoistway extends.

42. Hydraulic Elevator.

A "hydraulic elevator" is an elevator in which the motion of the car is obtained from liquid under pressure.

42.1. Plunger Elevator.

A "plunger elevator" is a hydraulic elevator having a ram or plunger directly attached to the under side of the car platform.

42.2. Rope-Geared Hydraulic Elevator.

A "rope-g geared hydraulic elevator" is an elevator in which the motion of the car is obtained by

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multiplying the travel of a piston or ram by a system of sheaves over which the hoisting ropes operate.

43. Installations.

43.1. Existing Installation.

An "existing installation" of an elevator, dumbwaiter or escalator is an installation the application for which was filed with the Department before these Rules become effective in accordance with 1.1, *Applications*.

43.2. New Installation.

A "new installation" of an elevator, dumbwaiter or escalator is a complete elevator, dumbwaiter or escalator installation the application for which is filed with the Department after these Rules become effective in accordance with 1.1, *Applications*.

44. Landing Zone.

The "landing zone" is the space within 18 inches above or below the landing.

45. Manually Operated Door or Gate.

A "manually operated door or gate" is a door or gate which is opened and closed by hand.

46. Normal Terminal Stopping Device.

A "normal terminal stopping device" is an automatic device for stopping the elevator car within the overtravel independently of the operating device.

47. Operating Device.

The "operating device" is the car switch, push button, rope, wheel, lever, treadles, or similar devices used by the operator to actuate the control.

48. Operation.

"Operation" is the method of actuating the control.

48.1. Automatic Operation.

"Automatic operation" is operation by means of buttons or switches both in the car and at the landings, the momentary pressing of which will cause the car to start and stop automatically at the floor corresponding to the button pressed.

48.1.1. Single Automatic Operation.

"Single automatic operation" is automatic operation by means of one button at each landing, so arranged that if any car or landing button has been pressed the pressure of any other such button will be without effect on the operation of the car until the response to the first button has been completed.

48.1.2. Non-Selective Collective Automatic Operation.

"Non-selective collective automatic operation" is automatic operation by means of one button in the car for each landing level served and one button at each landing. All stops registered by the momentary pressure of landing or car buttons are made in the order in which the landings are reached after the buttons have been pressed, but irrespective of its direction of travel, of the number of buttons pressed or of the sequence in which they are pressed.

48.1.3. Selective Collective Automatic Operation.

"Selective collective automatic operation" is automatic operation by means of one button in the car for each landing level served and by "Up" and "Down" buttons at the landings. All stops registered by the momentary pressure of the car buttons are made as defined under non-selective collective automatic operation, but the stops registered by the momentary pressure of the

landing buttons are made in the order in which the landings are reached in each direction of travel after the buttons have been pressed. With this type of control, all "Up" landing calls are answered when the car is traveling in the "Up" direction and all "Down" landing calls are answered when the car is traveling in the "Down" direction (except in the case of the uppermost or lowermost calls, which are answered as soon as they are reached, irrespective of the direction of travel of the car).

48.2. Car-Switch Automatic Floor-Stop Operation.

"Car-switch automatic floor-stop operation" is operation in which the stop is initiated by the operator from within the car with a definite reference to the landing at which it is desired to stop, after which the slowing down and stopping of the elevator is automatically effected.

48.3. Car-Switch Operation.

"Car-switch operation" is operation in which the movement of the car is directly and solely under the control of the operator by means of a switch in the car.

48.4. Continuous-Pressure Operation.

"Continuous-pressure operation" is operation with up and down buttons or an up and down switch in the car and at each landing (except the terminal landings where one button or switch may suffice), any one of which may be used to control the movement of the car in the direction for which the button is pushed or the switch actuated, but only so long as the button or switch is manually held in the operating position. Landing stops are not automatic.

48.5. Dual Operation.

"Dual operation" is a system of operation in which the elevator is arranged to be operated as an automatic-operation elevator through landing and car buttons or switches, or as a manual-operation elevator by an operator in the car who may either use a car switch or the buttons provided in the car. When operated by an operator, upon the throwing of a suitable switch or switches, the car can no longer be started by the landing buttons; these buttons may be used to signal the operator that the car is desired at a certain landing.

48.6. Pre-Register Operation.

"Pre-register operation" is operation in which signals to stop are registered in advance by buttons in the car and at the landings. At the proper point in the car travel the operator in the car is notified by a signal, visual, audible, or otherwise, to initiate the stop, after which the landing stop is automatic.

48.7. Signal Operation.

"Signal operation" is operation by means of single buttons or switches (or both) in the car, and up or down direction buttons or switches (or both) at the landings by which predetermined landing stops may be set up or registered for an elevator or for a group of elevators. The stops set up by the momentary pressure of the car buttons are made automatically in succession as the car reaches those landings, irrespective of its direction of travel or the sequence in which the buttons are pressed. The stops set up by the momentary pressure of the up and down buttons at the landing are made automatically by the next car in the group approaching the landing in the corresponding direction, irrespective of the sequence in which the buttons are pressed.

With this type of operation the car can be started only by means of a starting switch or button in the car.

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49. Overhead Structure.

The "overhead structure" is all of the elevator equipment, supporting structure and platforms at the top of the hoistway.

50. Passenger Elevator.

A "passenger elevator" is an elevator designed to carry persons.

51. Platform Elevator.

A "platform elevator" is an elevator the platform of which is supported by ropes at two or more points at or below the platform level, and which is not provided with an underslung frame or sling having guide shoes so arranged as to prevent the tipping of the platform.

52. Pit.

A "pit" is that portion of an elevator hoistway extending below the level of the bottom landing saddle to provide for bottom overtravel and clearance, and for parts which require space below the bottom limit of car travel.

53. Power Elevator.

A "power elevator" is an elevator in which the motive power is obtained otherwise than manually or from gravity.

54. Power-Operated Door or Gate.

A "power-operated door or gate" is a door or gate opened and closed by power otherwise than by hand, gravity, springs, or the movement of the car.

54.1. Power-Operated Door or Gate, Manually Controlled.

A "power-operated door or gate, manually controlled," is a door or gate which is opened and closed by power other than by hand, gravity, springs, or the movement of the car, the door movement in each direction being controlled by the elevator operator.

54.2. Power-Operated Door or Gate, Automatically Opened.

A "power-operated door or gate, automatically opened" is a door or gate which is opened by power other than by hand, gravity, springs, or the movement of the car, the opening of the door being initiated by the arrival of the car at or near the landing. The closing of such door or gate may be under the control of the elevator operator or may be automatic.

54.3. Power-Opened, Self-Closing Door or Gate.

A "power-opened, self-closing door or gate" is a door or gate which is opened by power other than by hand, gravity, springs, or the movement of the car, and when released by the operator is closed by energy stored during the operation of opening.

54.4. Power-Closed Door or Gate.

A "power-closed door or gate" is a door or gate which is manually opened and is closed by power other than by hand, gravity, springs, or the movement of the car.

55. Power-Operated Door or Gate Device.

A "power-operated door or gate device" is a device or assemblage of devices to open and close the hoistway door and car door or gate by power other than by hand, gravity, springs, or the movement of the car.

56. Self-Closing Door or Gate.

A "self-closing door or gate" is a door or gate which is opened manually and closes when released.

57. Sidewalk Elevator.

A "sidewalk elevator" is a sidewalk type freight elevator which serves no floors above the sidewalk or ground level, and which has no opening into the structure at its top limit of travel.

58. Sidewalk Type Elevator.

A "sidewalk type elevator" is an elevator the platform of which is supported at two or more points at or below the platform level and which is provided with an underslung frame or sling and guide shoes so arranged as to prevent the tipping of the platform.

59. Single-Belted Elevator.

A "single-belted elevator" is an elevator machine connected by a belt to a reversible motor, engine or turbine.

60. Steam Elevator.

A "steam elevator" is an elevator in which the motion of the car is obtained from a steam engine directly applied to the elevator machinery.

61. Structure.

"Structure" shall mean, for the purposes of these Rules, a building or construction of any kind.

62. Commissioner.

Wherever the word "Commissioner" is used in these Rules, unless specifically stated otherwise, it shall mean the Commissioner of the Department of Buildings.

63. Top Clearance.

The "top clearance" of the elevator car is the distance the car floor can travel above the level of the upper terminal landing without any part of the car or devices attached thereto coming in contact with the overhead structure.

The top clearance of the elevator counterweight is the shortest vertical distance between any part of the counterweight structure and the nearest part of the overhead structure or any other obstruction when the car floor is level with the lower terminal landing.

64. Top Overtravel.

The "top overtravel" of the elevator car is the distance provided for the car floor to travel above the level of the upper terminal landing until the car is stopped by the normal terminal stopping device.

65. Travel (Rise).

The "travel" (rise) of an elevator or dumbwaiter is the vertical distance between the bottom terminal landing and the top terminal landing.

RULE 1. SCOPE AND PURPOSE

1.1. Application.

These Rules shall apply only to elevator, dumbwaiter and escalator installations when application for any of the following permits is filed with the Department after these Rules become effective:

1. For construction of a new structure;
2. For changes in an existing structure involving alterations of the existing elevator, dumbwaiter or escalator installation;
3. For the construction of a new elevator, dumbwaiter or escalator installation.

1.2. Scope.

These Rules cover the construction, inspection, maintenance and operation of elevators, dumbwaiters, escalators and their hoistways (except devices inclined at an angle of forty-five degrees or less for carrying one or two persons, belt, bucket, scoop, roller or similarly inclined or vertical freight conveyors, telescopic ash hoists, tiering or piling machines, skip hoists, wharf ramps, or apparatus in kindred classes, lift bridges and elevators used only for handling building materials and workmen during construction). The use of such excepted types of apparatus may be permitted at the discretion of the Commissioner.

Amusement devices, stage and orchestra lifts, and elevators of capacity exceeding 30,000 pounds and platform area exceeding 300 square feet when suspended by cables near each corner of the hoistway and at additional positions may be used subject to the discretion of the Commissioner.

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1.3. Purpose, Interpretation and Exceptions.

The purpose of these Rules is to provide reasonable safety for life and limb. In case of practical difficulty or unnecessary hardship the Board may grant exceptions from the literal requirements or permit the use of other devices or methods, but only when it is clearly evident that reasonable safety is secured.

1.4. Old Installations.

Existing elevators moved to new hoistways, shall comply with these Rules.

Equipment legally installed prior to the adoption of these Rules may be used without being reconstructed to comply with these Rules and shall be maintained by the owner in safe operating condition.

Existing installations may be altered to receive the benefit of any provisions of these Rules provided the safety requirements covering such provisions are met. When the alteration consists solely of a change in the character of electric power supply, only such parts, the operation of which is thereby affected, need be changed (except that in all such cases electrically released brakes shall be installed and the use of single speed induction motors for contract speeds exceeding 110 feet per minute is forbidden).

Ordinary repairs or replacements on existing installations may be made with parts of equivalent material and at least the equivalent in strength and design to those replaced, without complying with these Rules. Damaged or defective parts shall be wholly or partly replaced at the discretion of the Commissioner (except that broken parts subject to bending, tension or torsional stresses and parts upon which the support of the car depends shall not be welded).

RULE 2. HOISTWAY CONSTRUCTION FOR POWER PASSENGER, FREIGHT AND SIDEWALK TYPE ELEVATORS

2.1. Hoistway Construction.

2.1.1. Fire Resistive Hoistway Enclosures.

2.1.1.1. Hoistways to Be Fire Resistive.

Hoistway enclosures of all elevators shall comply with Section 373 of Article 18, of Chapter 5 of the Code of Ordinances, and, in factory buildings, with Title 3, Sections 261 and 270 of the Labor Law (except sidewalk elevators the travel of which does not exceed one story).

2.1.1.2. Landing Openings to Be Protected.

Landing openings in a fire resistive hoistway enclosure shall be provided with fire resistive doors, panels or fronts which comply with Section 373 of Article 18 of Chapter 5 of the Code of Ordinances, and, in factory buildings, with Title 3, Sections 261 and 270 of the Labor Law (except that they must first comply with 2.3.1.1, *Automatic Fire Doors Functioning by Heat*). For elevators whose contract load is 2,000 pounds or more, the aggregate clear width of the hoistway doors shall be at least 30 inches and the clear height shall be at least 78 inches.

2.1.1.3. Design and Construction of Projections.

Projections and hoistway doors extending inward from the general surface of the hoistway enclosure, and which are opposite a car entrance of an elevator, shall be beveled on the under side or shall be guarded with metal plates, by fire-proofed wood or by wood faced with metal at least 0.125 inches thick (Number 11, United States

Gage). The angle of such bevels or guard plates shall be at least 60 degrees from the horizontal. If plates or guards are used they shall be smooth and firmly and permanently fastened to the hoistway enclosure.

2.1.1.4. Recesses.

Recesses other than landing openings in the general surface of the hoistway enclosure which are opposite a car opening shall be filled in flush with the general surface of the hoistway to comply with 2.1.2.3, *Materials for Enclosures* (except where the corresponding opening in the car enclosure is provided with solid panel car doors).

The soffit of a recess formed by or between vertical bars shall be beveled as specified for projections in 2.1.1.3, *Design and Construction of Projections*.

2.1.1.5. Strength of Hoistway Enclosures.

The hoistway enclosure adjacent to a landing opening shall be of sufficient strength to support in true alignment the hoistway doors with their operating mechanism and interlocks.

2.1.2. Non-Fire Resistive Hoistway Enclosures.

2.1.2.1. Use and Enclosure of Non-Fire Resistive Hoistway Enclosures.

Non-fire resistive hoistway enclosures shall be permitted only for sidewalk elevators the travel of which does not exceed one story. Where non-fire resistive construction is permitted, hoistways shall be enclosed to the full height of the hoistway (except on sides used for loading or unloading).

2.1.2.2. Enclosure of Hoistway Sides Used for Loading and Unloading.

The hoistways of sidewalk elevators shall be enclosed from door lintel to ceiling on the sides used for loading or unloading. The enclosure on such sides shall be at most 5 inches from the edge of the car platform.

2.1.2.3. Materials for Enclosures.

Enclosures shall be building walls, solid or latticed partitions, of incombustible material, grill work, metal grating, expanded metal or fire-proofed wood. Where wire grill work is used, the wire shall be at least 0.0915 inches in diameter (Number 13 Steel Wire Gage), and the maximum size of mesh shall be 2 inches. Where expanded metal is used its minimum thickness shall be 0.094 inches (Number 13 United States Gage).

The maximum spacing between vertical bars shall be 1 inch (except where used as furring material in order to comply with 2.1.2.2, *Enclosures of Hoistway Sides Used for Loading and Unloading*). In this case the maximum spacing between vertical bars shall be 4 inches.

2.1.2.4. Netting Required on Enclosures.

When either of the following conditions exists, openings in the enclosures shall be covered with a netting of square mesh $\frac{1}{2}$ inch or less in size made of wire at least 0.0348 inches in diameter (Number 20 Steel Wire Gage):

- (1) The clearance between the enclosure and any part of the car, counterweight or any sliding landing door is less than 1 inch.
- (2) The enclosure is grill or open work having openings which will pass a $\frac{1}{2}$ -inch diameter ball, and the openings in the enclosure are less than 6 feet above any landing, stairway, floor or platform.

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2.1.2.5. Protection of Inward Projections.

Projections and hoistway doors extending inward from the general surface of the hoistway enclosure, and which are opposite a car entrance of an elevator, shall be beveled on the under side or shall be guarded with metal plates, fire-proofed wood or by wood faced with metal at least 0.125 inches thick (Number 11 United States Gage). The angle of such bevels or guard plates shall be at least 60 degrees, and preferably 75 degrees, from the horizontal. If plates or guards are used they shall be smooth and firmly and permanently fastened to the hoistway enclosure.

2.1.2.6. Recesses to Be Filled.

Recesses, other than landing openings, in the general surface of the hoistway enclosure of a freight elevator, which are opposite a car opening shall be filled in flush with the general surface of the hoistway to comply with 2.1.2.3, *Materials for Enclosures*.

The soffit of a recess formed by or between vertical bars shall be beveled as specified for projections in 2.1.2.5, *Protection of Inward Projections*.

2.1.2.7. Strength of Hoistway Enclosure.

The hoistway enclosure adjacent to a landing opening shall be of sufficient strength to support in true alignment the hoistway doors and gates with their operating mechanism and interlocks.

2.1.3. Clearance Between Cars, Counterweights, and Hoistway Enclosures of Elevators.

2.1.3.1. Clearance Between Cars, Enclosures and Counterweights.

The hoistway of an elevator shall have a clearance of at least $\frac{3}{4}$ inch between the sides of the car and the hoistway enclosure and of at least 1 inch between the car and its counterweights.

2.1.3.2. Clearance Between Platforms and Landing Thresholds.

The minimum clearance between the car platforms and the landing saddles shall be at least $\frac{1}{2}$ inch for elevators using side-post construction and $\frac{3}{4}$ inch for elevators using corner-post construction. The maximum permissible clearance in each case shall be $1\frac{1}{2}$ inches.

2.1.3.3. Clearance Between Hoistway Enclosure and Loading Side of Car Platform.

The maximum permissible clearance between a hoistway enclosure and a loading side of the car platform opposite a car entrance shall be 5 inches (except when the doors are installed wholly within the hoistway in which case the maximum permissible clearance shall be $7\frac{1}{2}$ inches).

2.1.3.4. Furring.

If furring out be necessary to comply with the foregoing requirements, the furring shall conform to 2.1.2.3, *Materials for Enclosures*.

2.1.3.5. Clearance of Cars in Adjoining Hoistways.

The clearance between cars operated in adjoining hoistways shall be at least 2 inches.

2.1.4. Pits, Overtravel and Clearances.

2.1.4.1. Pits.

Pits shall be provided at the bottom of elevator hoistways.

2.1.4.2. Pit Dimensions.

A pit for sidewalk type elevators shall be at least 2 feet deep measured from the saddle of the lowest landing.

Pits for elevators having a contract speed of 100 feet per minute or less (except sidewalk type elevators), shall have a depth such that the vertical clearance between the lowest projection under the car platform and any obstruction in the pit shall be at least 24 inches when the buffers are fully compressed.

The pit for elevators having a contract speed exceeding 100 feet, but not exceeding 250 feet per minute where spring buffers are permitted and used shall be at least $3\frac{1}{2}$ feet deep measured from the saddle of the lowest landing.

The pit depth for elevators having a contract speed exceeding 250 feet per minute where oil or equivalent buffers are required, shall be at least the sum of the following two distances measured from the saddle of the lowest landing:

- (1) The length of the fully extended buffer, having a buffer stroke as determined by 3.2.2.1, *Required Types of Buffers*.
- (2) The distance between the upper surface of the car platform and the under surface of the buffer strike plate, plus 3 inches.

The above gives minimum requirements, but additional pit depth shall be provided as necessary to allow clearance for compensating rope sheaves and any vertical movement thereof, and to comply with 3.4.3, *Terminal Stopping and Safety Devices*.

When the car rests on the fully compressed buffer there shall be at least 2 feet clearance vertically between the lowest projection of the under side of the car platform (except guide shoes and aprons attached to the sill) and any obstruction in the pit, exclusive of compensating device, buffers and buffer supports (except for sidewalk type elevators).

When practical difficulties make it essential, the pit depth required above may be reduced subject to the approval of the Commissioner. If such reduction in pit depth involves precompression of either car or counterweight buffer or both, the amount of precompression so allowed shall not reduce the extension of the buffer plunger to less than 50 per cent of the buffer stroke as determined by 3.2.2.1, *Required Types of Buffers*, or to less than 18 inches, whichever is greater, and shall not permit precompression of buffers having a stroke of 18 inches or less.

In no case shall the depth of any depression or trench in the pit be included in the pit depth or clearance.

The walls of the pit shall be substantially vertical. The horizontal sectional area of the pit shall include the continuation of the horizontal clearance about the car platform, required to permit the passage of the counterweight and its guide rails, the car guide rails and any cables, ropes or tapes extending below the lower terminal landing saddle.

The floor of the pit shall be approximately level (except that this requirement may be waived if old foundation footings are encountered in a new installation and it is inadvisable to remove the footing, but the maximum permissible encroachment shall be 15 per cent of the cubical contents of the pit). The hazard due to an uneven pit should be recognized and precautions taken to minimize this hazard.

2.1.4.3. Top Clearances.

The top clearances for passenger and freight

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elevators (except sidewalk type elevators) shall be as given in 2.1.4.3.1, *Car Clearance*, and 2.1.4.3.2, *Counterweight Clearance*.

2.1.4.3.1. Car Clearance.

When the car is at its top landing, the clear distance between the top of the crosshead of the car and the corresponding point of any obstruction in the upper limit of the hoistway vertically above it, shall be at least the sum of the following four items:

1. The clearance between the bottom of the counterweight buffer and its striking block, which shall be at least 6 inches.
2. The stroke of the counterweight buffer used.
3. Two feet.
4. One-half the counterweight buffer stroke corresponding to the required governor tripping speed of the car as determined by 3.2.2.1, *Required Types of Buffers*.

Item 4 may be omitted if provision is made to eliminate the jump of the car at counterweight buffer engagement.

When the car crosshead is 2 feet from the nearest obstruction above it, no projection on the car shall strike any part of the overhead structure.

2.1.4.3.2. Counterweight Clearance.

When the car is level with the bottom landing, the clear distance between the top of the counterweight and the corresponding point of any obstruction in the upper limit of the hoistway vertically above it, shall be at least the sum of the following four items:

1. The clearance between the top of the car buffer and its striking block, which shall be at least 3 inches.
2. The stroke of the car buffer used.
3. Six inches.
4. One-half the car buffer stroke corresponding to governor tripping speed of the car as determined by 3.2.2.1, *Required Types of Buffers*.

Item 4 may be omitted if provision is made to eliminate the jump of the counterweight at car buffer engagement.

When the pit depth has been reduced as provided for in 2.1.4.2, *Pit Dimensions*, the top clearances may be modified to conform therewith subject to the approval of the Commissioner.

2.1.4.4. Overtravel for Sidewalk Type Elevators.

An overtravel of at least 6 inches at the top and at least 3 inches at the bottom shall be provided for sidewalk type elevators (except as required by 3.3.3.1, *Enclosures Required*).

2.1.5. Hoistway Windows, Bulkheads and Machine Rooms.

2.1.5.1. Window Entrances to Freight Elevators.

Windows in the hoistway enclosure walls toward which the car of a freight elevator has an entrance, shall (except in the case of elevators having car gates equipped with electric contacts) be provided with vertical bars or grating having clearances as specified in 2.1.3, *Clearance Between Cars, Counterweights and Hoistway Enclosures of Elevators*. The soffit of the recess formed by or between the vertical bars shall be beveled as specified for projections in 2.1.2.5, *Protection of Inward Projections*.

2.1.5.2. Protection of Hoistway Windows.

Windows in the hoistway enclosure less than

seven floors above the sidewalk level and less than three floors above the roof of an adjacent structure shall be fitted with vertical metal bars at least $\frac{5}{8}$ inch in diameter with maximum spacing of 10 inches.

2.1.5.3. Access to Machine Rooms, Pits and Overhead Machinery Spaces.

Safe and convenient access to the machine rooms, pits and overhead machinery spaces shall be provided. Where the entrance to machine rooms and overhead machinery spaces is more than 5 feet above the adjacent floor or roof surface, access shall be provided by means of a metal ladder or stairs having a maximum angle of incline of 60 degrees from the horizontal. Where the difference in level is 5 feet or less, vertical ladders may be used. The ladder or stairs shall be fitted with a metal hand-rail above the outside stringers. When the entrance door opens outward a platform shall be provided within 8 inches below the door sill. The platform shall be at least 2 feet wide and shall project at least 2 feet beyond the lock jamb of the door. A guard rail shall be provided at the edge of this platform (except where the ladder or stairs join the platform).

Access to pits over 5 feet deep may be provided by means of fixed vertical metal ladders. Where the buffer cylinder is over 5 feet high a fixed inclined metal ladder shall be provided.

The use of elevator machine rooms and overhead machinery spaces as public thoroughfares is forbidden. Doors to elevator machine rooms and overhead machinery spaces shall be fitted with locks which permit the door to be opened from the inside without a key.

Where it is impractical to provide access to overhead sheaves and governors from outside the hoistway, access may be provided from within the hoistway, if an emergency switch suitably marked is placed inside the hoistway which, when opened, will prevent operation of the elevator during the inspection of the overhead machinery.

2.1.5.4. Lighting.

Permanent provision for adequate artificial light shall be made in machine rooms, pits and spaces for overhead machinery of elevators. Where electric light is available the illumination shall be based on at least $\frac{1}{2}$ watt per square foot of floor area.

The machine room lighting switch, if electric light is used, or the lamp, if electricity is unavailable, shall be within easy reach of the entrance to the machine room.

Where practical the elevator service switch and the lighting switch shall be located on the lock jamb side of the machine room entrance door. Both these switches shall be of the enclosed type.

2.1.5.5. Head Room in Bulkheads.

Bulkheads of elevators shall be constructed with a minimum head room of 6 feet above the platform required in 2.1.6, *Machine Supports, Loads on Supports and Factors of Safety*.

2.1.5.6. Enclosure of and Access to Elevator Machines.

Elevator machines shall be surrounded by substantial grill work or other enclosure unless located in machine, engine or pump rooms in charge of an attendant, or unless otherwise secured against unauthorized access.

All machine enclosures shall provide 12 inches horizontal or vertical clearance as necessary to give access to such parts of the machinery as require maintenance.

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2.1.5.7. Guarding of Exposed Moving Machine Parts.

Exposed gears, sprockets, tape sheaves, and ropes and tapes passing through the secondary levels shall be guarded in accordance with the standards referred to in 2.2.1, *Standard Guards*.

2.1.6. Machine Supports, Loads on Supports and Factors of Safety.

2.1.6.1. Machine Supports.

Machinery and sheaves shall be so supported and held as effectually to prevent any part from becoming displaced. The supporting beams shall be of steel or reinforced concrete. Beams are not required under machinery supported on independent foundations or on the floor of the machine rooms, if such foundation or floor is properly constructed to support the loads.

2.1.6.2. Loads on Supports.

Loads on overhead beams and their supports shall be computed as follows:

The total load on overhead beams shall be assumed as equal to the weight of all apparatus resting on the beams plus twice the maximum load suspended from the beams.

The load resting on the beams shall include the complete weights of machine, sheaves, controller, and similar equipment. The load suspended from the beams shall include the sum of the tensions of all cables suspended from the beams.

2.1.6.3. Hanging of Machinery Underneath Supporting Beams.

The hanging of elevator machinery underneath the supporting beams at the top of the hoistway is forbidden (except for idler or deflecting sheaves with their guards and frames, devices for limiting or retarding the car speed and their accessories).

2.1.6.4. Factors of Safety.

The factor of safety for overhead beams and their immediate supporting beams, based on the ultimate strength of the material, which, if of steel, shall conform to the standard specifications of the American Society for Testing Materials, Designation, A 7-29, the loads being assumed as in 2.1.6.2, *Loads on Supports*, shall be at least the following:

For steel	4
For reinforced concrete.....	7

2.1.6.5. Allowable Deflections.

The allowable deflections of overhead beams and their immediate supports shall be as follows:

- (1) For overhead machine beams of all alternating current installations and for direct current installations where the car speed is over 150 feet per minute, the deflection under static load shall be 1/2000 of the span or less.
- (2) For overhead machine beams of direct current installations where the car speed is 150 feet per minute or less, the deflection under static load shall be 1/1666 of the span or less.
- (3) For overhead sheave beams the deflection under static load shall be 1/1333 of the span or less.
- (4) For overhead beams immediately supporting the machine beams the deflection under static load shall be 1/1666 of the span or less.

2.1.7. Platforms Under Machinery.

2.1.7.1. Materials and Strength of Platforms.

A flooring of iron, steel, or reinforced concrete capable of sustaining a concentrated load of 300

pounds on any 4 square inches of the structure, shall be provided at the top of the hoistway, either immediately below the sheaves or at the level of the top of the machine beams (except in the case of sidewalk type elevators). It is not required that the platform or its supports shall be capable of supporting 300 pounds on every 4 square inches of its area simultaneously.

If the floor consists of a metal grating, the mesh or opening between the bars shall reject a ball 1½ inches in diameter.

2.1.7.2. Extent of Grating or Flooring.

The grating or flooring shall fill the entire hoistway when the cross sectional area is 50 square feet or less; otherwise the platform shall extend at least 2 feet beyond the general contour of the sheaves or machines, and to the entrance to the hoistway at or above the level of the platform.

2.1.7.3. Handrails and Toeboards Required.

If the platform does not entirely cover the hoistway the open or exposed sides shall be provided either with a standard handrail and toeboard or with a screen and railing at least 42 inches high.

2.1.7.4. Deflecting Sheave Cradles.

Where no slab or grating complying with 2.1.7.1, *Materials and Strength of Platforms*, is provided over the entire area of the hoistway below the deflecting or secondary sheaves extending below the machine level, they shall be provided with cradles which comply with the requirements for guards referred to in 2.2.1, *Standard Guards* (except in the case of sidewalk type elevators).

2.1.8. Stops for Counterweights.

Where winding drum machines are used a permanent beam or bar shall be provided at the top of the counterweight guides and beneath the counterweight sheaves to prevent the counterweights from being drawn into the sheaves. It shall be of such strength that the cables will be pulled out of the sockets before there is any undue deflection of the beam.

The bars or beams shall be so located that the center of resistance is in line with the center of gravity of the counterweight or, if more than one stop is used, they shall be located symmetrically with respect to the counterweight.

2.1.9. Pipes and Wiring.

2.1.9.1. Electrical Conductors.

The electrical conductors installed in or under an elevator or counterweight hoistway (except the flexible cables connecting the car with the fixed wiring) shall be encased in metal conduits.

2.1.9.2. Electrical Conduits or Cables to Be Continuous.

Electrical conduits or cables shall be continuous between outlets or terminals situated entirely outside the hoistway; and openings, terminals, outlets or junctions within the hoistway are forbidden (except in those used to furnish or control power, light, heat or signals for the elevator hoistway and hoistway doors). The interruption of long runs to support or pull in conductors is authorized and pull boxes may be installed for this purpose.

Pipes, conduits and armored cables shall be securely fastened to the hoistway construction.

2.1.9.3. Pipe Installations.

The installation of soil, waste or vent pipes and pipes conveying gases or liquids which if discharged into the hoistway would endanger life, in or under any elevator or counterweight hoist-

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way is forbidden. Low pressure steam or hot water pipes used only for heating the elevator hoistways may be installed in the hoistways.

2.1.9.4. Voltage of Car Control Systems.

No part of any electric circuit having a rated system or circuit voltage in excess of 750 volts direct current, or 550 volts alternating current, shall be used for any control or operating circuit. Circuits of higher rated system or circuit voltage may be used in machine rooms or bulkheads for the operation of motors, provided all operating and signal wiring is thoroughly insulated from such power circuits and all machine frames and hand-ropes are permanently grounded.

2.1.9.5. Electric Wiring.

Live parts of electrical apparatus in elevator hoistways shall be suitably enclosed to protect against accidental contact. Metal coverings shall be permanently grounded. Wiring shall comply with the requirements of the Department of Water Supply, Gas and Electricity.

2.1.10. Thoroughfare.

2.1.10.1. Thoroughfares Under Elevator Hoistways or Counterweights.

Thoroughfares under elevator hoistways or counterweights are forbidden unless:

- (1) Buffers are provided conforming to the requirements of 3.2.2, *Car and Counterweight Buffers for Elevators*; and
- (2) The car and counterweights are provided with safety devices conforming to the requirements of 3.3.5, *Car and Counterweight Safeties and Speed Governors*; and
- (3) A structure is provided under the hoistway sufficiently strong to withstand without injury the impact of the car with contract load or the impact of the counterweight when either is descending at contract speed, or at governor tripping speed where a governor-operated safety is used.

2.2. Hoistway Guards and Screens.

2.2.1. Standard Guards.

The standard railings mentioned in these Rules shall be of metal and shall be between 40 and 46 inches high with an intermediate rail midway between the top rail and floor. The uprights and handrail shall be made of angles measuring at least 2 by 2 inches or the equivalent and the mid-rail of angles measuring at least 1 by 2 inches.

The toeboards mentioned in these Rules shall be of metal at least as thick as Number 16 United States Gage, at least 6 inches high or of fireproofed wood at least 1 by 6 inches.

Guards for cables and machinery mentioned in these Rules shall conform to the Safety Code for Mechanical Power-Transmission Apparatus of the American Standards Association, 1927.

2.2.2. Hatch Covers for Sidewalk Elevators.

Where the top hatch opening of sidewalk elevators is wholly or partially outside the building wall, the hatch covers shall be of the hinged type or the vertically lifting type and shall be capable of sustaining a live load of 300 pounds per square foot. The maximum permissible dimensions of sidewalk openings shall be 5 feet at right angles to and 6 feet parallel to the building line (except by permission of the Borough President). The side of the opening nearest the building shall be 4 inches or less from the building wall (except that where conditions make this impractical this distance may be increased subject to the approval of the Commissioner).

Where hinged type covers are used the line of the hinges shall be at right angles to the building line. Where the covers open toward any obstruction the space between the fully opened cover and such obstruction shall be at

least 18 inches. Where vertically lifting covers are used there shall be a clearance of at least 2 feet between the cover and any obstruction above it when the elevator is at the top of its overtravel.

Hatch covers shall be self-closing and the fastening, or holding, open of the covers when the car is away from the top landing is forbidden (except where the hatch opening is in an area inaccessible to the public).

Where the top hatch opening of sidewalk elevators is wholly inside the building wall, hinged or vertically lifting type covers may be used, or doors may be provided complying with 2.3.5, *Hoistway Doors for Freight Elevators*, and shall be provided with interlocks complying with 2.3.2, *Door Interlocks*.

2.2.3. Counterweight Runway Enclosures.

2.2.3.1. Counterweight Runways Outside of the Hoistway.

Runways for counterweights located outside of the elevator hoistway shall be solidly enclosed throughout their height (except that when the runway is located outside of the structure it shall be enclosed to a height of at least 7 feet from the ground).

2.2.3.2. Counterweight Runways Inside of the Hoistway.

Each counterweight runway of elevators located in the elevator hoistway shall be enclosed from a point 12 inches above the floor of the pit to a point at least 7 feet above the floor of its own pit and any other pit adjacent to such counterweight runway (except where compensating chains or cables which practically compensate for the weight of the hoisting cables are attached to the counterweight). In this case counterweight enclosures may be omitted on the side facing the elevator. Such enclosures shall be made of metal at least as thick as Number 16 United States Gage.

2.2.3.3. Access to Counterweight Runways.

Access shall be provided for inspection, maintenance and repair of all counterweights and cables. Doors to counterweight runway enclosures shall be self-closing. If the counterweight is located in the same hoistway as the car and can be inspected at mid-travel from the car, hinged sections are unnecessary in the counterweight screen.

2.2.4. Cable Enclosures.

Where cables pass through floors outside the hoistway enclosures, such cables shall be guarded to a height of at least 6 feet from each floor with a standard power transmission guard. The floor openings shall be not greater than necessary for the free passage of the cables.

2.3. Landings.

2.3.1. Hoistway Doors for Passenger Elevators.

2.3.1.1. Automatic Fire Doors Functioning by Heat.

No automatic fire door, the functioning of which is dependent on the action of heat, shall lock any landing opening in the hoistway enclosure of any passenger elevator or any exit leading from any hoistway landing door to the outside of the structure.

2.3.1.2. Protection of Landing Openings.

Landing openings in passenger elevator hoistway enclosures shall be protected by doors sliding horizontally or vertically, combination sliding and swinging doors, swinging doors, or by counter-balanced doors.

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Where vertically sliding or counterbalanced doors are used the car gate or door and the hoistway doors shall be so interlocked that the car gate or door cannot start to open until the landing door is locked in its fully opened position and so that the landing door cannot start to close until the car gate or door is fully closed. (See 2.1.1.2, *Landing Openings to Be Protected*).

2.3.1.3. Clearances of Hoistway Doors.

The maximum distance between the hoistway side of the hoistway door opposite the car opening and the hoistway edge of the landing saddle shall be 4 inches.

For automatic-operation elevators the maximum distance between the hoistway side of the hoistway door opposite the car opening and the hoistway edge of the landing shall be 1 inch for swinging doors and 2 inches for sliding doors.

For existing installations of automatic-operation elevators accessible to the general public, where the clearance exceeds 1½ inches for swinging doors or 2½ inches for sliding doors, the space between the hoistway side of the hoistway door and the hoistway edge of the landing saddle shall be filled in immediately by suitable means.

If the door slides in two or more sections the specified dimension applies to that section which closes against the lock jamb.

No hardware (except that required for interlocking, indicator and signal devices) shall project into the hoistway beyond the line of the landing saddle.

2.3.1.4. Hoistway Door Interlocks.

Hoistway door interlocks which conform to 2.3.2, *Door Interlocks*, shall be used on the hoistway doors of passenger elevators. The hoistway doors of hydraulic passenger elevators shall also be provided with a door closer or with a device which will compensate for the creeping of the car away from the landing caused by leakage in the valve or in the cylinder.

2.3.1.5. Emergency Releases Required on Hoistway Doors for Passenger Elevators.

Provision shall be made to render the car operative independent of the position of the hoistway doors in case of fire, panic, or other emergencies, by means of an emergency release conforming to 2.3.4, *Emergency Releases* (except that elevators which can be started from a landing shall not be provided with an emergency release unless equipped for dual operation in which case an emergency release shall be installed, but shall be so arranged that when operating as an automatic operation elevator the emergency release shall be inoperative).

2.3.1.6. Hand Opening of Hoistway Doors.

Hoistway doors shall be arranged to be opened by hand from the hoistway side (except when locked "out of service"). Neither the main exit doors nor the doors at the lower terminal landing shall be locked "out of service" while the elevator is in operation.

Hoistway doors for passenger elevators shall be so arranged that it is unnecessary to reach back of any panel, jamb, or sash to operate them.

2.3.1.7. Opening of Hoistway Doors.

If the entire control of a passenger elevator is located on the car, the hoistway doors shall be so arranged that they cannot be opened from the landing side (except as provided in 2.3.1.8, *Emergency Landing Openings and Keys*).

If the control is not located entirely on the car, the hoistway doors shall be so arranged that, unless the car is at the landing, the doors cannot be opened from the landing side (except as provided in 2.3.1.8, *Emergency Landing Openings and Keys*).

2.3.1.8. Emergency Landing Openings and Keys.

A service key shall be provided to open the hoistway door from the landing side at the landing where the car is normally parked out of service. This key shall open this door only when the car is at the landing and shall open no other hoistway door.

An emergency key shall be provided which will, irrespective of the position of the car, open from the landing side the hoistway door at the landing where the car is normally parked, the lowest landing, and such other hoistway doors and emergency doors as are specified below. It shall open no other hoistway door. Such an emergency key shall be placed in a break glass receptacle clearly marked "FOR FIRE DEPARTMENT AND EMERGENCY USE ONLY," at the landing of each elevator or group of elevators that is nearest the main entrance to the structure.

For an elevator operating in a blind hoistway, the first hoistway door above the blind portion of the hoistway shall be so arranged that it can be opened from the landing side by the emergency key specified above, irrespective of the position of the elevator car.

If an elevator is installed in a single hoistway, the emergency key shall open all hoistway doors and where the elevator is installed in a single blind hoistway, then provision shall be made for emergency hoistway doors at every third floor, but not more than 36 feet apart, to permit access to the elevator in the blind portion of the hoistway.

Emergency doors shall be at least 30 inches wide and 6 feet 6 inches high (clear opening), and shall be easily accessible and free from fixed obstructions. Such doors shall be self-closing and shall not be openable from the hoistway side, but need not be provided with interlocks or electric contacts. The emergency key required above shall open all such emergency hoistway doors.

2.3.1.9. Hangers for Power Operated Hoistway Doors.

Hangers for power operated hoistway doors shall be designed to withstand a downward thrust of five times and an upward thrust of four times the weight of the door.

2.3.1.10. Hanger Stops and Guards.

Means shall be provided to prevent hangers for all sliding hoistway doors from jumping the tracks. Stops shall also be provided to prevent the hanger carriage from leaving the ends of the track, or suitable stops may be provided on the door only.

2.3.1.11. Vision Panels.

For elevators which can be operated from outside of the hoistway, hoistway doors may be provided with a vision panel. Such panels shall be of clear wire glass with a maximum area of 80 square inches.

2.3.2. Door Interlocks.

2.3.2.1. Door Unit and Hoistway Unit Systems of Door Interlocks.

These Rules recognize two systems of door

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interlocks: (1) THE DOOR UNIT SYSTEM, in which the interlock prevents the operation of the elevator machine to move the car away from the landing unless the hoistway door at that landing at which the car is stopping, or is at rest, is locked in the closed position.

(2) THE HOISTWAY UNIT SYSTEM, in which the interlocks prevent the operation of the elevator machine to move the car away from the landing unless all its hoistway doors are locked in the closed position.

The interlock shall permit the operation of the car when the emergency release is in temporary use, or when the car is being moved by a car leveling device.

In both of these interlock systems the interlock shall prevent the opening of the hoistway door from the landing side (except by a special key) (See Rules 2.3.1.7, *Opening of Hoistway Doors*, and 2.3.1.8, *Emergency Landing Openings and Keys*), unless the car is at rest within the landing zone; or is coasting through the landing zone with its operating device in the "STOP" position.

2.3.2.2. Use of the Door Unit System.

The door unit interlock system may be used only where there is a regular operator in the car and where the elevator can be operated only from inside the car.

2.3.2.3. Closed Position of Hoistway Doors.

For elevators employing a type of operation that does not require the presence of an operator in the car, the hoistway door shall be considered in the closed position only when the door is within $\frac{3}{8}$ inch of contact with the door jamb, or, in the case of bi-parting doors, when the doors are within $\frac{3}{8}$ inch of contact with each other. (See also Multiple Dwelling Law, Section 51.)

For elevators where the hoistway door is not equipped with a door closer, the door shall be considered in the closed position only when the door is within $\frac{3}{8}$ inch of contact with the door jamb, or in the case of bi-parting doors, only when the doors are within $\frac{3}{8}$ inch of contact with each other. (See also Multiple Dwelling Law, Section 51.)

Where the hoistway door of an elevator requiring the presence of an operator in the car is equipped with a door closer the door shall be considered to be in the closed position (and the car may be started) when the door is within 4 inches of being fully closed against the jamb (or in the case of a bi-parting door when the sections are within 4 inches of contact with each other), if at this position and any other up to full closure as defined in this section, the door cannot be opened from the landing side more than 4 inches from the jamb (or the sections more than 4 inches from each other in the case of a bi-parting door), provided the door closer is of a type which will eventually close the door to the fully closed position as defined in this section, and lock it in this position. (See also Multiple Dwelling Law, Section 51.)

2.3.2.4. Design of Interlocks.

The interlocks for all hoistway doors shall be so designed that the door is locked in the closed position as defined in 2.3.2.3, *Closed Position of Hoistway Doors*, before the car can be operated.

2.3.2.5. Use of Springs and Electric Circuits in Interlocks.

The functioning of door interlocks to prevent the movement of the car shall be independent of

the action of a spring in tension, or of the closing of an electric circuit. If springs are used they shall be in compression. If an electric circuit is used its interruption shall prevent the movement of the car.

2.3.2.6. Tests and Approvals of Interlocks.

Each type and make of door interlock shall be approved by the Commissioner on the basis of the engineering tests listed in 8.1, *Tests of Interlocks*, made by or under the supervision of a competent designated laboratory. Approved interlocks shall be suitably marked for identification as provided in 2.3.2.7, *Identification of Interlocks*.

2.3.2.7. Identification of Interlocks.

Approved interlocks shall be suitably and plainly marked for identification. The marking shall be permanent and so placed as to be readily visible when the interlocks are mounted in position. Auxiliary appliances forming a part of, or used in conjunction with, an interlock, shall be similarly marked. Marking shall include the following: Manufacturer's name or trade-mark, type or style letter or number, and rated voltage.

2.3.3. Hoistway Door Electric Contacts.

2.3.3.1. Door Unit and Hoistway Unit Systems of Contacts.

These Rules recognize two systems of hoistway-door electric contacts:

1. The Door Unit System in which the contact prevents the normal operation of the car unless the hoistway door at which the car is standing is in the closed position.
2. The Hoistway Unit System in which the contact prevents the normal operation of the car unless all its hoistway doors are in the closed position.

The contact shall permit the operation of the car when the emergency release is in temporary use, or when the car is being moved by a car-leveling device.

2.3.3.2. Use of Door Unit System.

The Door Unit System may be used only on elevators where there is a regular operator in the car, and where the elevators can be operated only from inside the car.

2.3.3.3. Closed Position of Electric Contacts.

Where the hoistway-door contacts are not a part of an interlock system, the door shall be considered in the closed position when within 2 inches of full closure against the jamb. (See 2.3.5.4, *Interlocks and Electric Contacts*, third paragraph.)

2.3.3.4. Design of Electric Contacts.

Hoistway-door contacts shall be designed so that they are positively opened by a lever or other device attached to and operated by the door.

2.3.3.5. Use of Springs or Electric Circuits in Contacts.

The functioning of a hoistway-door electric contact to prevent the movement of the car shall be independent of the action of a spring or springs in tension, and of the closing of an electric circuit. If springs are used, they shall be in compression. The interruption of electric circuit shall prevent the movement of the car.

2.3.3.6. Tests and Approvals of Electric Contacts.

Each type and make of hoistway-door electric contact shall be approved by the Commissioner on the basis of the engineering tests listed below made by, or under the supervision of, a competent designated laboratory.

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1. Endurance Test.
2. Current-Interrupting Test.
3. Test in Moist Atmosphere.
4. Misalignment Test.
5. Insulation Test.

These tests shall be made according to the procedure outlined in 8.1, *Tests of Interlocks*.

2.3.3.7. Identification of Approved Contacts.

Approved contacts shall be suitably marked for identification as called for in 2.3.2.7, *Identification of Interlocks*.

2.3.4. Emergency Releases.

2.3.4.1. Location and Covering of Emergency Releases.

The emergency release shall be in the car, plainly visible to the occupants of the car, shall be easily accessible to the operator, and shall be provided with a breakglass cover and with means for breaking the glass.

2.3.4.2. Operative Position of Emergency Releases.

To operate the car under emergency conditions, it shall be necessary for the operator to hold the emergency release in the operative position.

2.3.4.3. Design and Construction of Emergency Releases.

Emergency releases shall be constructed so that they cannot be readily tampered with, or "plugged" in the release position. Rods, connections, and wiring used in the operation of the emergency release, which are accessible from the car, shall be enclosed and protected from injury.

2.3.4.4. Tests and Approvals of Emergency Releases.

Each make and type of emergency release shall be tested and approved by the Commissioner as to compliance with 2.3.4.1, *Location and Covering of Emergency Releases*; 2.3.4.2, *Operative Position of Emergency Releases*; and 2.3.4.3, *Design and Construction of Emergency Releases*, and as to meeting the requirements of 8.1.6, *Insulation Test*.

2.3.5. Hoistway Doors for Freight Elevators.

2.3.5.1. Doors Required.

Each landing opening in a freight elevator hoistway enclosure shall be equipped with a door which, if not within the hoistway, shall be set within 4 inches of the face of the landing saddle (except at the upper landing of one story sidewalk elevators and such other openings as are covered in 2.3.5.3, *Size of Hoistway Doors*).

Doors shall comply with the fire resistive requirements for doors in such enclosures.

2.3.5.2. Strength of Hoistway Doors.

Hoistway doors shall withstand a force of 75 pounds applied perpendicularly to the door at any point without being sprung from their guides.

2.3.5.3. Size of Hoistway Doors.

Hoistway doors when closed shall guard the full width of the landing openings and shall extend the full height from the landing saddle to the top of the landing opening (See 2.1.1.2, *Landing Openings to Be Protected*).

2.3.5.4. Interlocks and Electric Contacts.

Hoistway doors for freight elevators (except hatch covers for sidewalk elevators) shall be provided with interlocks or electric contacts and locks. Interlocks and electric contacts shall conform to the requirements of 2.3.2, *Door Interlocks*, and 2.3.3, *Hoistway Door Electric Contacts*, respectively.

Where electric contacts are provided on a hoistway door and are not a part of an interlocked system the lock or latch and contact shall be so arranged as to insure the door being in a position to be locked or latched when or before the contact is closed.

Door electric contacts and door locks or latches shall be so located as normally to be inaccessible from the landing side.

2.3.5.5. Emergency Releases Required on Hoistway Doors for Freight Elevators.

Provision shall be made to render the car operative independent of the position of the hoistway doors in case of fire, panic or other emergencies, by means of an emergency release conforming to 2.3.4, *Emergency Releases* (except that elevators which can be started from a landing shall not be provided with an emergency release unless equipped for dual operation in which case an emergency release shall be installed, but shall be so arranged that when operating as an automatic operation elevator the emergency release shall be inoperative). No emergency releases shall be required on sidewalk elevators.

2.3.5.6. Vision Panels.

Hoistway doors for elevators which can be operated from outside the hoistway may be provided with a vision panel. Such panels shall be of clear wired glass, with a maximum area of 80 square inches.

2.3.6. Door Counterweight Enclosures.

Door counterweights shall run in metal guides from which they cannot become dislodged, or shall be boxed in. The bottoms of the guides or boxes shall be so constructed as to retain the counterweight if the counterweight rope breaks.

2.3.7. Landings for Passenger and Freight Elevators.

2.3.7.1. Landing Saddle.

The landing saddle shall be constructed and maintained so that persons will not readily slip thereon.

2.3.7.2. Railroad Tracks.

Where there is a railroad track upon any elevator landing, the tops of the rails shall be flush with the floor for a distance of 6 feet from the threshold.

2.3.8. Lighting at Landings.

When the car of an elevator is in service at the landing, the landing edges of the saddle and car platform shall be plainly visible. The illumination on the landing saddle shall be at least 1 foot candle.

RULE 3. POWER PASSENGER, FREIGHT AND SIDEWALK TYPE ELEVATORS

3.1. Limitations for Platform and Sidewalk Type Elevators.

3.1.1. Platform Elevators Forbidden.

The use of platform elevators is forbidden.

3.1.2. Sidewalk Type Elevators.

Sidewalk type elevators shall comply with the requirements of 3, *Power Passenger, Freight and Sidewalk Type Elevators*, unless specifically exempted.

The maximum contract speed of sidewalk type elevators shall be 35 feet per minute and the maximum platform area shall be 50 square feet.

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3.2. Guides, Buffers and Counterweights for Passenger, Freight and Sidewalk Type Elevators.

3.2.1. Guide Rails.

3.2.1.1. Material.

Car and counterweight guide rails for elevators shall be of steel.

3.2.1.2. Fastenings and Joints.

Guide rails shall be securely fastened with iron or steel brackets (or their equivalent) of such strength, design and spacing that the deflection of the guide rails and their fastenings shall be $\frac{1}{4}$ inch or less under normal operation.

When rail brackets used in connection with freight elevators or sidewalk type elevators are so located that they receive the full thrust of the guide shoes when the car platform is level with the landing, the thrust due to concentrated loads on the car may be of high magnitude. Special attention shall therefore be given to the attachment of the brackets in such cases. Where the distance between rail supports is greater than 14 feet the rails shall be suitably backed or bracketed to secure sufficient rigidity for satisfactory operation.

Joints of guide rails (except for sidewalk elevators the travel of which is 15 feet or less) shall be accurately machined with tongue and groove through the webs at right angles to the base and through the flanges parallel to the base, and fitted with fishplates each secured with at least four substantial bolts through each rail; or accurately machined with tongue and groove through the webs and with the backs of the flanges, where the fishplates bear, accurately machined at right angles to the tongue and groove and fitted with finished fishplates each secured with at least four substantial bolts through each rail.

Guide rails shall withstand the application of the "safety" when stopping a fully loaded car or the counterweight.

3.2.1.3. Size of Guide Rail Fastenings and Bottoming of Guide Rails.

Guide rails and their fastenings shall be secured in position by clips or through bolts of at least the sizes given in the following table:

SIZE OF GUIDE RAIL FASTENINGS

Weight of Rails in Pounds per Foot	Diameter of Bolts in Inches
$6\frac{1}{2}$ - $7\frac{1}{2}$	$\frac{1}{2}$
14	$\frac{5}{8}$
$22\frac{1}{2}$	$\frac{3}{4}$
30	$\frac{3}{4}$

Bolt holes in steel beams for bracket bolts shall not exceed the diameter of the bolt by more than $\frac{1}{16}$ of an inch. Such holes for bolts shall be either drilled, punched or cut with a torch. If cut with a torch, bolt holes shall be cut of smaller diameter and drifted to the required diameter.

The guide rails shall be extended at the top and bottom to prevent guide shoes running off within the limits of the bottom overtravel and the top clearance.

3.2.1.4. Cast Iron Guide Rails Forbidden.

The use of cast iron guide rails is forbidden.

3.2.1.5. Weight of Steel Guide Rails.

The weights of steel guide rails (except for sidewalk elevators the travel of which is 15 feet or less) shall be at least those given in the following table:

Maximum Permissible Total Weight of Car and Load, or Total Weight of Counterweights Per Pair of Rails (Pounds)	Minimum Weight of Each Car (Pounds per Foot)	Minimum Weight of Each Counterweight Guide Rail (Pounds per foot)	With Guide Rail Safeties	Without Guide Rail Safeties
4,000	$7\frac{1}{2}$	$7\frac{1}{2}$	$6\frac{1}{2}$	$6\frac{1}{2}$
15,000	14	14	$7\frac{1}{2}$	$7\frac{1}{2}$
27,500	$22\frac{1}{2}$	$22\frac{1}{2}$	$7\frac{1}{2}$	14
40,000	30	30	$7\frac{1}{2}$	14

Where $7\frac{1}{2}$ -pound rails are effectively bracketed or tied at intervals of 6 feet or less, the load permitted under the preceding table may be doubled for counterweights with guide rail safeties. Where $7\frac{1}{2}$ -pound rails are effectively bracketed or tied at intervals of $7\frac{1}{2}$ feet or less, the load permitted under the preceding table may be increased to 5,000 pounds for cars with guide rail safeties.

The maximum weights of car and load as given in the preceding table for each pair of guide rails are intended to apply when only one safety device gripping both rails in a horizontal plane is used. When two such safety devices are used on the same guide rail and arranged so that both will be applied at practically the same time and with substantially equal retarding force the total weight may exceed that shown in the table but shall in any case be within the maximum weight given in the table multiplied by the following factors based on distance between safeties:

Car Duplex Safeties

Distance between safeties in feet	Multiply maximum load given in the preceding table by
18 (or over)	2.0
15	1.83
12	1.67
9	1.50
6	1.33
Counterweight Duplex Safeties	
15 (or over)	2.0
10	1.67
5	1.33

3.2.1.6. Use of Single Pair of Car Guide Rails.

Whenever practicable a single pair of car guide rails shall be used for passenger elevators.

3.2.2. Car and Counterweight Buffers.

3.2.2.1. Required Types of Buffers.

Buffers of the spring, oil or equivalent type shall be installed under the cars of elevators (except sidewalk elevators having a travel of 15 feet or less).

Spring buffers or their equivalent may be used with elevators having a contract speed of 250 feet per minute or less.

Oil buffers or their equivalent shall be used with elevators having a contract speed greater than 250 feet per minute. The minimum total stroke of oil buffer shall be based on an average retardation of 32.2 feet per second per second, based on governor tripping speed.

Where speed retarding devices independent of normal and final stop switches are provided for retarding car or counterweight or both to a definite limiting speed before the buffer is engaged, the required corresponding buffer stroke

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need be based only on retardation from such speed rather than from governor tripping speed. Such speed retarding devices shall be so designed that the retarding force is quickly, but gradually applied, substantially constant, and the retarding distance is at least the sliding distance specified in 3.3.6, *Car Safety Test*, for Undercar Safeties. For contract car speeds in excess of 500 feet per minute the corresponding reduced buffer stroke shall be at least 18 inches.

3.2.2.2. Oil Gages Required.

Oil buffers shall be provided with means for gaging the amount of oil in them.

3.2.2.3. Location of Car Buffers.

Buffers shall preferably be located symmetrically with reference to the center of the car.

3.2.2.4. Location of Counterweight Buffers.

Counterweight buffers similar to those required for cars shall be installed symmetrically under the counterweights of passenger and freight elevators.

3.2.2.5. Form of Buffer Test.

Buffers shall be tested by running on to them with contract load at contract speed with final limit switches operative (except as follows:

If the buffer stroke has been reduced due to the use of a speed retarding device as permitted in 3.2.2.1, *Required Types of Buffers*, the car or counterweight shall be run on the buffer at the speed corresponding to the buffer stroke used).

3.2.2.6. Buffer Compression Switch.

Where the car or counterweight oil buffer is compressed more than 25 per cent of its stroke when the car is level with the lower or upper terminal landing, respectively, buffers shall be provided with a switch which shall prevent movement of the car, in a direction to compress the buffers at a speed greater than one-half the contract speed until the buffers are restored to their normal position.

3.2.2.7. Tests and Approvals of Buffers.

Each type and size of oil buffer used shall be approved by the Commissioner on the basis of the engineering tests listed in 8.2, *Tests of Buffers*, made by or under the supervision of a competent designated testing laboratory. Approved buffers shall be marked by the manufacturer with the range of speed and load for which they have been approved.

3.2.3. Counterweights.

3.2.3.1. Counterweight Guides Required.

Counterweights shall run in guides.

3.2.3.2. Clearance Between Counterweights and Protection of Counterweight Cables.

If two counterweights run in the same guides the car counterweight shall be above the machine counterweight and there shall be a clearance of at least 8 inches between the counterweights. The cables of the machine counterweight shall be covered or protected by metal or fibre sleeves firmly attached to the cable. These sleeves shall be at least 6 inches longer than the car counterweight. The ends of the sleeves shall be carefully reamed before being placed on the cables.

3.2.3.3. Independent Car Counterweights.

If an independent car counterweight is used it

shall not be of sufficient weight to cause undue slackening in any of the cables during acceleration or retardation of the car.

3.2.3.4. Counterweight Tie-rods and Suspension Members.

Counterweight sections, however carried, shall be secured by at least two tierods passing through holes in all the sections, or by other approved means. The tierods and suspension rods shall have lock nuts and cotter pins at each end. Suspension rods shall be free from welds.

3.3. Car Construction and Safeties for Passenger, Freight and Sidewalk Type Elevators.

3.3.1. Car Construction.

3.3.1.1. Materials for Car Frames and Platforms.

Elevator cars shall have metal car frames and metal outside frames of platforms. Where wood platform flooring is used, the under side of car platforms shall be covered with metal at least as thick as Number 27 United States Gage (except where fireproofed wood is used, and except for sidewalk elevators the travel of which does not exceed one story).

3.3.1.2. Allowable Working Stresses for Car Frame Members.

The stresses of rolled steel sections or annealed cast steel in the construction of car frames and platforms, based on the static load imposed on them, shall be within the values given in the following table for steels meeting the standard specifications of the American Society for Testing Materials, Designation, A 7-29, for steel having an ultimate strength of from 55,000 to 65,000 pounds per square inch for rolled sections or cast steel, and 46,000 to 56,000 pounds per square inch for rivets. Elevators of the plunger type which are without counterweights are exempted from these requirements.

Allowable Working Stresses for Car Frame Members

(For steels meeting the standard specifications of the American Society for Testing Materials, Designation, A 7-29)

Passenger Elevators

Loading	Maximum Allowable Stress (Pounds per square inch)	Basis
Tension	10,000	Net area
Bending	10,000	Gross section
Shear on shop rivets.....	8,000	Net area
Bearing of shop rivets.....	16,000	Net area
Shear on bolts in clearance holes	7,000	Gross section
Bearing on bolts in clearance holes	14,000	Gross section
Bolts or threaded portions of rods in tension.....	6,000	Gross section
Compression	11,700-49 L/R	Gross area

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Freight Elevators

Tension	12,000	Net area
Bending of car frame member and platform framing at entrance	12,000	Gross section
Bending of platform stringers	15,000	Gross section
Shear on shop rivets.....	9,500	Net area
Bearing of shop rivets.....	19,000	Net area
Shear on bolts in clearance holes	8,000	Gross section
Bearing on bolts in clearance holes	16,000	Gross section
Bolts or threaded portions of rods in tension.....	8,000	Gross section
Compression	14,000-59 L/R	Gross area
L=effective free length of member in inches.		
R=least radius of gyration in inches.		

3.3.1.3. Special Steels.

For steels of greater strength the allowable working stresses may be increased proportionately, based on ultimate strength.

3.3.1.4. Use of Cast Iron and Cast Steel.

The use of cast iron in the construction of any member of car frames or platforms subject to tension, torsion or bending is forbidden (except for compensating cable anchorages, releasing carriers and guide shoe stands). Plunger heads in tension shall be cast steel.

3.3.1.5. Use of Other Materials Than Steel.

When material other than steel is used in the construction of car frames or platforms, the maximum allowable working stress shall be 13 per cent of the ultimate strength of the material for passenger and 15.6 per cent for freight elevators.

3.3.1.6. Reductions in Section and Reinforcement of Holes.

Local reductions in section of a member in bending through bolt holes for the fastening of hoist-rope or compensating rope hitches, auxiliary apparatus on the cross head or safety plank, sheave boxes, and the fastening of platform to safety plank, may be disregarded. Holes in webs of cross heads for sheave pins shall be reinforced by means of a plate at least 50 per cent thicker than the web and riveted to it.

3.3.1.7. Deflection of Cross-head and Safety Planks.

The deflection of cross-head and safety planks shall be $\frac{1}{8}$ inch or less for each 10 feet of span under static conditions with the contract load substantially uniformly distributed over the car platform (except for sidewalk elevators the travel of which is 15 feet or less).

3.3.1.8. Slenderness Ratio.

The slenderness ratio L/R for members not normally subject to compression shall be within 200; for members normally subject to compression this ratio shall be within 120 (except for sidewalk elevators the travel of which is 15 feet or less). Loadings resulting from buffer or safety operation are abnormal loadings.

3.3.1.9. Treatment of Occasional Stresses.

The stresses which occur when the load is moved from the hoistway landing to its proper position on the car of freight elevators, especially heavy duty freight elevators, may be dealt with as stresses which occur only occasionally in conjunction with the maximum live load, and may exceed the stresses given in 3.3.1.2, *Allowable Working*

Stresses for Car Frame Members, for freight elevators so long as the deflection of car frame or platform members is considered.

3.3.1.10. Car Platform Aprons.

When car leveling devices are used, the car platform shall be provided with a substantial vertical apron flush with its outer edge, extending a sufficient distance below the car floor so that there shall be no horizontal opening into the hoistway while the car is within the landing zone and the hoistway door is fully or partially open.

3.3.1.11. Bow Irons and Stanchions for Sidewalk Elevator Hatch Covers.

Sidewalk elevators using hinged hatch covers shall be provided with bow irons at least $7\frac{1}{2}$ feet high (except that, where necessary to permit closing the covers, the Commissioner may permit lower bow irons).

Sidewalk elevators using vertically lifting covers shall be provided with stanchions framed together at the upper ends of sufficient strength to lift and support the hatch cover. Stanchions shall be provided with suitable buffer springs, and shall be of such height as to permit the sidewalk hatch cover to be completely closed when the car platform is level with the first landing below the sidewalk.

3.3.1.12. Guide Shoes for Sidewalk Type Elevators.

Guide shoes for sidewalk type elevators shall be at least 24 inches long unless two sets of shoes are used spaced 18 inches on centers.

Where vertical lift covers are used on sidewalk elevators the vertical distance between the centers of the guide shoes remaining on the guide rails when the car platform is level with the sidewalk shall be at least one-third of the height of the hatch cover stanchions.

Where single guide shoes 24 inches long are used, 6 inches of the shoe may be off the rails when the platform is level with the top landing.

3.3.1.13. Railroad Track.

If there is a railroad track on the elevator car, the tops of the rails shall be flush with the car floor.

3.3.1.14. Lighting.

Elevator cars shall be lighted at all times when in use (except sidewalk elevators). Electric light shall be used if available. The minimum illumination shall be 1 foot candle at the landing edge of the car platform. A light socket or receptacle shall be provided under the car platform and on top of the car for inspection purposes (except sidewalk elevators).

3.3.1.15. Use of Glass.

The use of glass in elevator cars is forbidden (except to cover certificates, directories, lighting fixtures and appliances necessary for the operation of the car and as a vision panel in the car door). The use of any piece of glass exceeding 1 square foot in area is forbidden unless laminated or otherwise shatter-proof, but the total area of such glass used in the car in connection with lighting fixtures whether in one or more pieces, shall be at most 4 square feet.

3.3.1.16. Design of Lighting Fixtures for Passenger Elevators.

Lighting devices, or luminaires, for passenger elevators provided with glass or metal shades, or reflectors, shall be of the railroad-train-lighting type with integral base, husk and spring-clamp holder. If suspended glass bowls or glass plates are used such bowls or plates shall rest in, and

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be fastened to, a metal supporting ring provided with at least three-point suspension. Such glass bowls or plates shall not be drilled for attachment to ring suspensions.

Glass bowls larger than 10 inches in diameter shall be of laminated or otherwise shatter-proof glass or surrounded by a guard made of wire at least 0.0286 inches in diameter (Number 22 Steel Wire Gage) and of a mesh which will reject a one-half inch diameter ball. Guards shall be securely fastened to the holder or suspension.

3.3.2. Car Compartments.

If an elevator car has more than one compartment, each compartment shall be equipped with an operating device; there shall be an operator in each compartment which is in use with exclusive control of that car door or gate and hoistway door; and it shall be impossible to start the car unless both operating devices are in the starting position.

When any compartment is out of use its car door or gate shall be locked in the closed position, and when so locked the car may be started with the operating device in that compartment in the "off" position.

Each compartment shall be equipped with an emergency stop switch and with an emergency release effective for the door or gate of that compartment and the corresponding hoistway door.

Each compartment shall be provided with the emergency exits required by 3.3.3, *Car Enclosures*, and the upper compartment shall have a trap door in the floor connecting with the top exit of the compartment below. Special freight elevators upon which no persons are permitted to ride are exempted from this requirement.

Two single elevators may be used in a single hoistway provided both elevators are equipped with all the safeguards required by these Rules for a single elevator both with relation to each other and to top and bottom terminals and after an installation of the same type has satisfactorily met such tests as may be required by the Commissioner.

3.3.3. Car Enclosures.

3.3.3.1. Enclosures Required.

Cars for passenger elevators shall be enclosed at the sides and top (except the opening necessary for entrance or exit). An emergency exit shall not be considered a car opening.

Cars for freight elevators shall be enclosed at the sides (except at the opening necessary for loading and unloading) to a height of at least 6 feet or to the cross-head if the cross-head is lower. The section of such car enclosures opposite the counterweight shall extend to the cross-head or car top.

Cars for sidewalk elevators shall be enclosed at the sides (except at the openings used for loading and unloading) to a height of at least 6 feet above the platform (except that where the travel is less than 7½ feet, the height of the enclosure may be reduced subject to the approval of the Commissioner).

Tops are not required on sidewalk elevators and shall not be used unless the clearance between the top and any obstruction above it when the car is at the limit of its top overtravel is at least 2 feet.

3.3.3.2. Deflection and Securing of Enclosures.

The deflection of elevator car enclosures shall be ¼ inch or less if subjected to a force of seventy-five pounds applied perpendicularly to the car enclosure at any point. The car enclosure shall be secured to the car floor and sling or frame in such a manner that it cannot work loose or become displaced in ordinary service.

3.3.3.3. Materials and Design.

The enclosures, including the top, sides and car doors for passenger and freight elevators (except sidewalk elevators the travel of which does not exceed one story) if of non-fireproof wood or other combustible material, shall be covered on the exterior, including the top, with sheet metal at least Number 27 United States Gage. Openings other than as required for entrance and for ventilation in the sides or top of passenger elevator car enclosures (except emergency exits) are forbidden. Vent openings less than 7 feet above the car platform shall reject a ball 2 inches in diameter.

The enclosures of freight elevators, if of open work, shall reject a ball 2 inches in diameter. The enclosure of sidewalk elevators, if of open work, shall reject a ball 4 inches in diameter.

For freight elevators where the clearance from any part of the hoistway structure or the counterweight is less than 5 inches, openings which will pass a ball ½ inch or larger in diameter shall be covered with wire netting with a mesh ½ inch square or less made of wire at least 0.0348 inches in diameter (Number 20 Steel Wire Gage) to a height of at least 6 feet from the car floor.

The use of cast iron for car tops is forbidden.

3.3.3.4. Number of Entrances to Elevator Cars.

More than two entrances to an elevator car are forbidden (except that where conditions make additional openings essential, such additional openings may be provided at the discretion of the Commissioner).

3.3.3.5. Access to Hand-Ropes on Freight Elevators.

If the car enclosure on a freight elevator is cut away to provide access to the hand-rope, the enclosure shall be cut low enough to prevent injury to the operators' hand.

3.3.3.6. Tops or Covers for Freight Elevator Cars.

Freight elevator cars (except for sidewalk elevators as provided in 3.3.3.1, *Enclosures Required*, and except on the ends of freight elevator platforms 12 feet or more long where there are no openings above the lowest landing) shall be equipped with solid top covers or wire grill work having a mesh which will reject a ball 1½ inches in diameter and made of wire at least 0.135 inches in diameter (Number 10 Steel Wire Gage) or its equivalent. The top or cover shall be sufficiently strong to sustain a load of 150 pounds applied on any 4 square inches. It is not required that the top and its supports be capable of supporting 150 pounds on every 4 square inches of its area simultaneously.

Where no car gate is provided the front section of the elevator car top shall be hinged along a line approximately 18 inches from the front of the car. Additional hinged panels may be provided if desired.

Where a freight elevator car is entirely enclosed (except the sides used for loading and unloading) and the top is unprovided with a hinged section, an emergency exit shall be provided in the top as required by 3.3.3.7, *Emergency Exits from Passenger Elevator Cars*.

3.3.3.7. Emergency Exits from Passenger Elevator Cars.

Passenger elevator cars shall be provided with an emergency exit located in the top of the car. When the space between the car en-

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closure and the nearest wall surface exceeds 8 inches, a guard rail to the level of the top of the cross-head shall be provided on that side of the enclosure roof where the emergency exit is located.

Where there is an elevator in an adjacent hoistway without intervening enclosures, an emergency exit or exits shall also be located in the side of the car adjacent to each such adjoining car.

Top emergency exits shall be at least 16 inches wide and at least 400 square inches in area (except that where the reduced size of the car platform area makes it impossible to install exits of the size specified, the Commissioner may permit smaller exits, but in any case at least 14 by 22 inches).

Top exit panels shall be held in place by thumb screws arranged so that the exit covers can be readily opened from both the inside and outside of the car. If not hinged, the cover shall be secured to the car by a length of chain.

Top exit covers shall open outward. Any equipment and working platform mounted above the top of the car shall be so located as not to obstruct access to or from the top emergency exit. If a working platform is placed so as to cover any of the required area of the top emergency exit it shall be provided with a trap door, without a catch, opening upward.

Side emergency exits shall comply with the following requirements:

1. Exit panels shall be either of the hinged or removable type.
2. Exit panels shall open inward.
3. The removable type of exit panel shall be held securely in place by at least four fastenings arranged so that they can be operated by hand from both the inside and outside of the car, and so designed that they cannot readily be removed from the panel.
4. The hinged type of panel shall be provided with a lock arranged so that it may be operated from the inside of the car by means of a removable key and from the outside of the car by means of a non-removable handle. A key shall be kept in each car mounted under a break glass cover.
5. Where the size of the car permits, side exits shall have a clear width of at least 16 inches and shall extend from the floor or kick plate to the soffit moulding frame, but in any case shall be at least 5 feet in clear height.
6. Side exits shall be located so that they are unobstructed by car frame members and, wherever possible, traveling cables and other hoistway equipment shall not be located in line with or so arranged as to obstruct the exit. Exits from adjacent cars shall be directly opposite each other to allow easy transfer of passengers.
7. Exit panels shall conform to 3.3.3.2, *Deflection and Securing of Enclosures*, as regards deflection.
8. On automatic operation elevators side exits shall be provided with electric contacts to prevent the operation of the car when the panel is opened or removed.

3.3.3.8 Car Doors or Gates Required.

A car door or gate shall be provided at each entrance on both passenger and freight elevator cars (excepting freight elevators handling motor vehicles, or hand trucks of over 2,000 pounds capacity). Sidewalk elevator cars shall have a gate on the sides used for loading or unloading at the sidewalk level, which gate shall extend

from the car platform to the top of the enclosure. Each car door or gate shall be provided with a car door or gate electric contact complying with 3.3.3.10, *Requirements for Electric Contacts*; 3.3.3.11, *Design of Contacts*; 3.3.3.12, *Use of Springs or Electric Circuits in Contacts*; and 3.3.3.13, *Tests and Approvals of Contacts*.

For passenger and freight elevators employing a type of operation not requiring the presence of an operator in the car, power car doors or gates, other than those closed by hand, shall be driven by a mechanism so designed and set that the force necessary to prevent the closing of the gate shall be less than 30 pounds, and further that the kinetic energy of the gate plus all parts connected rigidly thereto, computed for the average closing speed shall be less than 5 foot-pounds, provided that if the same mechanism also closes the hoistway door, the total kinetic energy shall be less than 7 foot-pounds.

For automatic operation passenger elevators having power closed, power operated, automatically released self-closing car doors or gates, and manually closed or self-closing hoistway doors, the closing of the car gate or car door shall be prevented unless the hoistway door is in the closed position.

Car gates or doors for freight elevators when closed shall guard the full opening to a height of 6 feet, or to the top of the enclosure.

A weight used to close a car door or gate automatically shall run in metal guides from which it cannot become dislodged, or it shall be boxed in. The bottoms of the guides or boxes shall be so constructed as to retain the weight if the rope breaks.

Car gates or doors for passenger elevators when closed shall guard the full height and width of the opening.

For automatic operation elevators the car gate or door shall be so located with respect to the car platform sill that the total distance from the face of the hoistway door to the face of the car door or gate shall be $5\frac{1}{2}$ inches or less. (See also 2.3.1.3, *Clearances of Hoistway Doors*).

Where the car door consists of two or more sections the $5\frac{1}{2}$ -inch dimension shall apply to the section nearest to the edge of the car platform sill.

Where the hoistway door consists of two or more sections the $5\frac{1}{2}$ -inch dimension shall apply to that section which closes against the lock jamb.

Car gates of the scissors or pantograph type used for passenger elevators shall be of such design that when fully expanded they will reject a ball 3 inches in diameter. For freight elevators (except sidewalk elevators) such gates when fully expanded shall reject a ball $4\frac{1}{2}$ inches in diameter.

For sidewalk elevators the openings between vertical bars in the gate shall not exceed 18 inches when the gate is fully expanded.

3.3.3.9. Sliding Car Doors and Hangers for Power Operated Car Doors.

Sliding car doors may be solid, may be provided with open grill or bars which shall reject a ball 3 inches in diameter or may be provided with glass vision panels in accordance with 3.3.1.15, *Use of Glass*. Open grills, bars or glass may extend the full height of the door panel.

Sliding car doors shall be guided top and bottom.

Hangers for power operated car doors shall be designed to withstand a downward thrust of five

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times and an upward thrust of four times the weight of the door.

3.3.3.10. Requirements for Electric Contacts.

An electric contact on the car door or gate shall prevent the operation of the car unless the door or gate is within 2 inches of full closure against the jamb (except that for elevators employing a type of operation requiring the presence of an operator in the car where the car door or gate is provided with a door closer and the requirements specified in 2.3.2.3, *Closed Position of Hoistway Doors*, are fully met, the electric contact on the car door or gate may permit the starting of the car when the door or gate is within 4 inches of full closure against the jamb).

The car door or gate electric contact shall permit the operation of the car when the emergency release is in temporary use or when the car is being moved by a leveling device.

Automatic operation elevators may be operated with an open gate if there is no person in the car.

3.3.3.11. Design of Contacts.

Car door or gate contacts shall be designed so that they are positively opened by a lever or other device attached to and operated by the door or gate.

3.3.3.12. Use of Springs or Electric Circuits in Contacts.

The functioning of a car door or gate contact to prevent the movement of the car shall be independent of the action of a spring or springs in tension, and of the closing of an electric circuit. If springs are used they shall be in compression. The interruption of the electric circuit shall prevent the movement of the car.

3.3.3.13. Tests and Approvals of Contacts.

Each type and make of car door and gate contact shall be tested and approved by the Commissioner on the basis of the following engineering tests, made by or under the supervision of a competent designated testing laboratory. Approved contacts shall be suitably marked for identification.

1. Endurance Test.
2. Current Interrupting Test.
3. Test in Moist Atmosphere.
4. Misalignment Test.
5. Test of Insulation.

These tests shall be made according to the procedure outlined in 8.1, *Tests of Interlocks*.

3.3.3.14. Emergency Releases Required on Car Doors or Gates.

Provision shall be made to render the car operative independent of the position of the car gate or door in case of fire, panic or other emergencies, by means of an emergency release conforming to 2.3.4, *Emergency Releases* (except that elevators which can be started from a landing shall not be provided with an emergency release unless equipped for dual operation, in which case, an emergency release shall be installed which shall be so arranged that when operating without an operator in the car, the emergency release shall be inoperative). This emergency release shall be separate and independent from the emergency release required by 2.3.1.5, *Emergency Releases Required on Hoistway Doors for Passenger Elevators*, and 2.3.5.5, *Emergency Releases Required on Hoistway Doors for Freight Elevators*, and shall be placed within 5 inches of such other emergency release. Emergency releases are not required on sidewalk elevators.

3.3.3.15. Protection of Cars Operating in Hoistways Outside of the Structure.

Freight elevator cars operating in hoistways outside the structure, which are enclosed only at

the ground landing shall be protected on the exposed side or sides by independently operated gates equipped with electric contacts.

3.3.4. Cars Counterbalancing One Another.

Arrangement of elevator cars to counterbalance one another is forbidden.

3.3.5. Car and Counterweight Safeties and Speed Governors.

3.3.5.1. Requirements for and Application of Car Safeties.

Elevator cars suspended by cables shall be provided with a car safety or safeties attached to the car frame (except sidewalk elevators the travel of which does not exceed 15 feet which are not required to have car safeties). When one safety is used it shall be located beneath the car frame. When duplex safeties are used at least one shall be located beneath the car frame. The safety or safeties shall be capable of stopping and sustaining the car with contract load.

The application of the safety or safeties shall not cause the car platform to become out of level in excess of $\frac{1}{2}$ inch per foot measured in any direction.

When the car safety or safeties apply, no decrease in the tension of the governor cable or motion of the car in the descending direction shall release the car safety or safeties.

Car safeties shall be operated by speed governors (except that broken rope type car safeties may be used for:

1. Sidewalk elevators having a travel between 15 and 35 feet;
2. Freight elevators inside the building having a travel of 15 feet or less, a maximum contract speed of 35 feet per minute, and a maximum platform area of 50 square feet).

3.3.5.2. Requirements for and Application of Counterweight Safeties.

Counterweight safeties, where provided, shall be capable of stopping and sustaining the weight of the counterweight.

The application of counterweight safeties where provided, shall not cause the counterweight frame to become out of level in excess of $\frac{1}{2}$ inch per foot in any direction.

When the counterweight safety, where provided, is applied, no decrease in the tension of the governor cable or motion of the counterweight in the descending direction shall release the counterweight safety.

Counterweight safeties shall, where provided, be operated by speed governors (except as provided in 3.3.5.4, *Application of the Safeties*).

3.3.5.3. Design of Car and Counterweight Safeties.

Sleeve bearings for car and counterweight safety drums and screw shafts shall be of non-ferrous material.

Jaws and other parts of car and counterweight safeties of the sliding type, if made of forged steel of an ultimate strength of at least 55,000 pounds per square inch and cast steel of an ultimate strength of at least 65,000 pounds per square inch, may in action, be stressed to 17,000 pounds per square inch. For steels of greater strength, the allowable stress may be increased proportionately based on ultimate strength.

Car and counterweight safeties may be released by reversing the direction of motion of the machine.

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3.3.5.4. Application of Governor Controlled Safeties.

The car speed governor shall be set to cause the application of the safety at a speed between 40 per cent and 15 per cent above the contract speed, provided that no governor shall be required to trip at less than 175 feet per minute. For contract speed between 500 and 700 feet per minute the maximum governor tripping speed shall be 33 1/3 per cent above the contract speed, and for contract speed exceeding 700 feet per minute, 25 per cent above contract speed.

The counterweight safety, if provided, may be operated by the same governor and governor rope used to operate the car safety provided it complies with the requirements for and application of counterweight safeties. Provision shall be made to cause the application of the counterweight safety at a speed greater than the car safety, but at 10 per cent or less above that at which the car safety applies. Broken rope safeties of the instantaneous type may be used on counterweights within the limits of the following:

Contract Speed in Feet Per Minute	Total Weight of Counterweight in Pounds
250	2,000
200	3,000
160	4,000
125	5,000

3.3.5.5. Recognized Types of Safeties.

The following four types of safeties are recognized:

1. Type I, Instantaneous.
2. Type W.C., Wedge Clamp, with constant retarding force.
3. Type G.W.C., Gradual Wedge Clamp, with gradually increasing retarding force.
4. Type F.G.C., Flexible Guide Clamp, with constant retarding force.

Each safety shall be marked for identification, preferably with letters cast on the safety jaws.

The distance between the safety jaws shall be at least the thickness of the guide rail plus 3/32 inches, and the jaws shall not drag against the rail.

3.3.5.6. Marking of Safeties.

Safeties shall be marked by the manufacturer with the range of weight and speed for which they are designed; such weight to include the complete car structure, the safety, the contract load in the car, and all moving equipment, the weight of which is borne by the safety.

3.3.5.7. Instantaneous Safeties.

Instantaneous safeties of the broken rope type shall only be used in accordance with 3.3.5.1, *Requirements for and Application of Car Safeties*.

Governor controlled safeties of the instantaneous type may be used on elevators having a contract speed of 100 feet per minute or less provided that the elevator speed is 110 feet per minute or less on uptravel with the contract load in the car. On overspeed such safeties shall be applied by the governor. On the parting of the hoisting cables such safeties shall apply instantly and independently of the speed action of the governors.

3.3.5.8. Safeties for Ascending Cars.

Car safeties for stopping ascending cars are forbidden. If an ascending car is to be stopped on account of over-speed, a safety shall be applied to the counterweight for this purpose. The car safety may be permitted to stop the ascending car above the upper terminal landing, provided the retardation of the ascending car under such

conditions is within 32.2 feet per second per second. The governor may open the motor circuit and apply the brake in case of over-speed in the up direction.

3.3.5.9. Location of Governor.

The governor shall be located where it cannot be struck by the car in case of over-travel and where there is sufficient space for full movement of governor parts.

3.3.5.10. Opening of Motor Control and Brake Control Circuits.

Where governor controlled safeties are used, the motor control circuit and the brake control circuit shall be opened before or at the time the governor trips by a switch located on the governor or car safety device.

3.3.5.11. Materials, Design and Replacement of Governor Cables.

Governor cables shall be of iron, steel, monel metal, or phosphor bronze. The cable shall be at least 3/8 inch in diameter. The use of tiller rope construction for governor cables is forbidden (except that tiller rope may be used for the portion of the cable wound on the safety drum). Such rope shall be of corrosion resisting metal.

Replacements for existing governor cables shall be of the same size, material and construction as the cable originally furnished by the manufacturer (except that where a cable of either different material or construction is employed, a test of the car or counterweight safety shall be made with the new cable to demonstrate that it will successfully operate the safety).

Governor ropes shall run clear of governor jaws during the normal operation of the elevator.

The size, material and construction of the governor rope, together with the proper tripping speed of the governor, shall be stamped on the governor stand or given on a brass plate attached to it in letters at least 1/4 inch in height.

3.3.5.12. Operation of the Governor.

The arc of contact between the governor rope and its driving sheave shall, in conjunction with a tension device, provide sufficient traction to cause proper operation of the governor.

The design and length of governor jaws shall be such that no serious cutting, tearing, or deformation of the rope shall result from the operation of the safety.

The governor shall so function that the safety rope will pull through the governor jaws on the application of a stress exceeding that required to operate the safety so as to stop the car (except in the case of instantaneous type safeties).

Governors shall have a protective covering over sheave, jaws and exposed gears.

3.3.5.13. Slack Cable Devices.

Winding-drum machines shall be provided with a slack-cable device which will cut off the power and stop the elevator machine if the car is obstructed in its descent.

Slack-cable switches shall be so constructed that they will not automatically reset when the slack in the cable is removed.

3.3.5.14. Application of Car Safeties.

The use of car safeties which depend for application upon the completion or maintenance of an electric circuit is forbidden. Car safeties shall be applied mechanically.

3.3.5.15. Use of Gripping Surfaces of Safeties.

The use of the gripping surfaces of car or counterweight safeties to guide the car or counterweights is forbidden.

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3.3.5.16. Pawls and Ratchets.

Pawls and ratchets shall be considered insufficient as a safety device.

3.3.6. Car Safety Test.

3.3.6.1. Car Safety Test Required.

An over speed test with contract load in the car shall be made of the safeties of each new elevator before the elevator is placed in regular service (except that governor controlled instantaneous type safeties shall be tested at contract speed, the governor being tripped by hand and broken rope instantaneous type safeties shall be tested by obtaining the necessary slack rope to cause them to function). For wedge clamp, gradual wedge clamp and flexible guide clamp

safeties, this test shall be made to determine whether the safety will operate within the allowable limits of the maximum and minimum stopping distances. Over-speed tests shall be made with all electric apparatus intact (except for the over-speed contact on the governor).

For alternating current elevators, where the contract load is unable to bring about over-speed, the safety governor shall be tripped by hand at maximum obtainable speed.

No test of the safeties with safe lifting load in the car shall be made.

3.3.6.2. Maximum and Minimum Stopping Distances of Wedge Clamp Safeties.

The maximum stopping distance of car and counterweight safeties of the wedge clamp type with constant retarding force shall be within that shown by Figure 1, Curve III, for cars with contract load and for the counterweight, and the minimum stopping distance shall be at least that shown by Curve I for cars with 150 pound load, and Curve II for cars with contract load and for the counterweight.

3.3.6.3. Maximum and Minimum Stopping Distances of Gradual Wedge Clamp Safeties.

The maximum stopping distance of car and counterweight safeties of the Gradual Wedge Clamp type, G.W.C., with increasing retarding

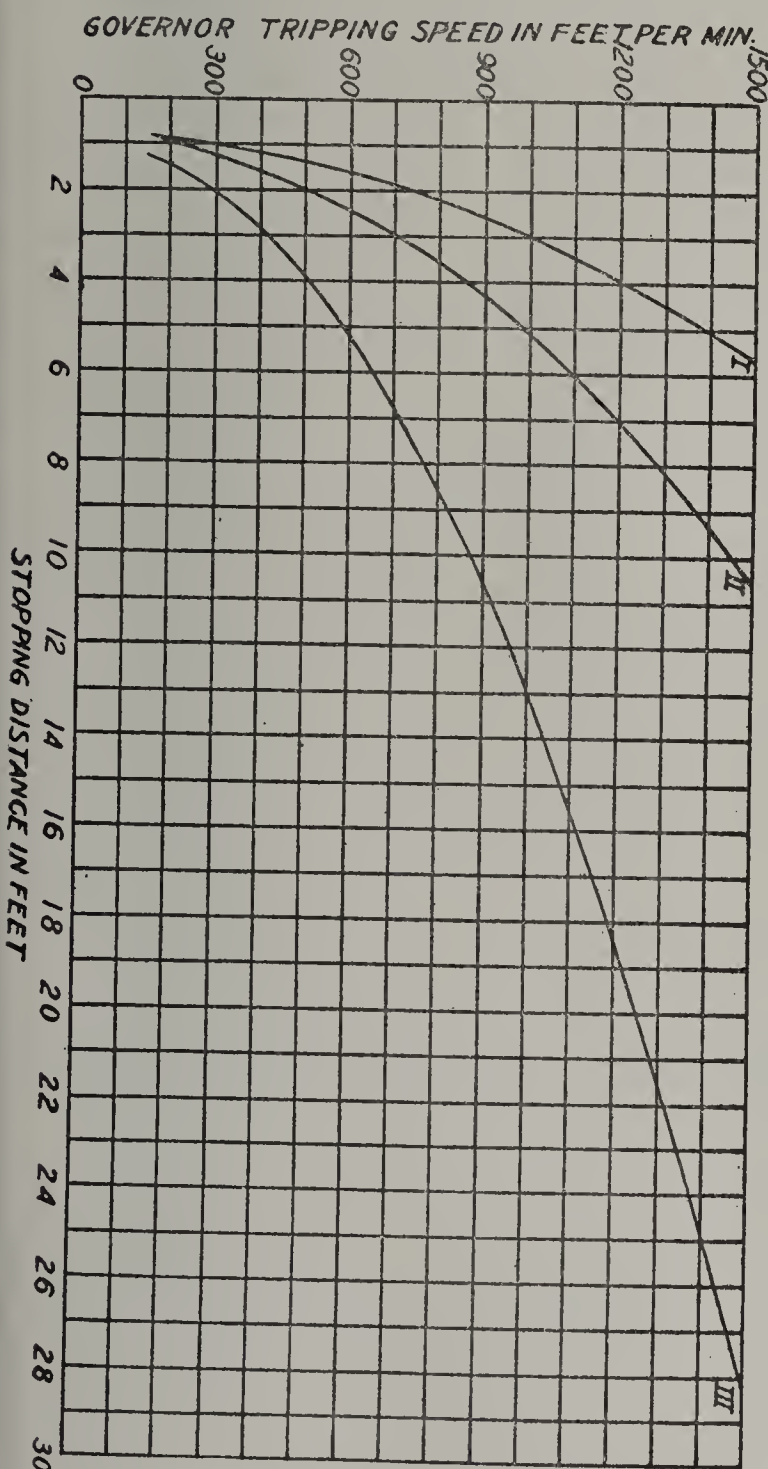


FIG. 1. MINIMUM AND MAXIMUM STOPPING DISTANCES

CAR AND COUNTERWEIGHT SAFETIES, TYPE W.C. (WEDGE CLAMP)

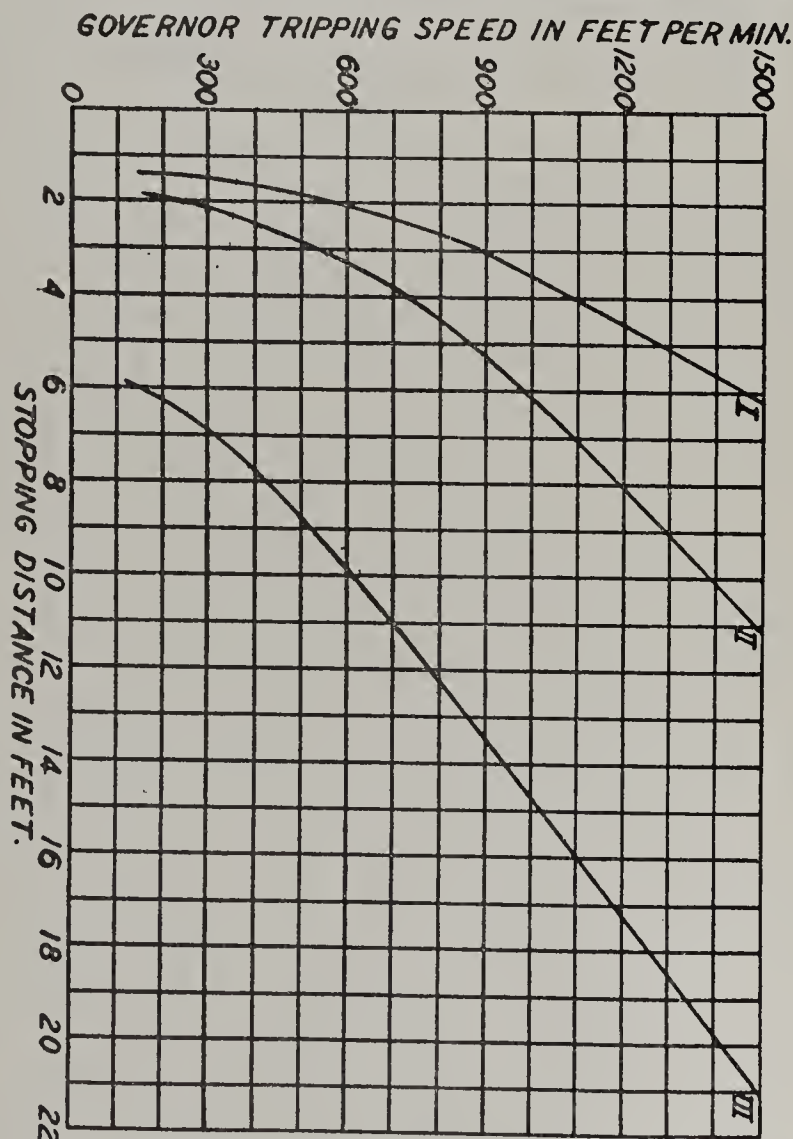


FIG. 2. MINIMUM AND MAXIMUM STOPPING DISTANCES

CAR AND COUNTERWEIGHT SAFETIES, TYPE G.W.C. (GRADUAL WEDGE CLAMP)

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force shall be within that shown by Figure 2, Curve III, for cars with contract load and for the counterweight, and the minimum stopping distance shall be at least that shown by Figure 2, Curve I, for cars with 150 pound load, and Curve II for cars with contract load and for the counterweight.

3.3.6.4. Maximum and Minimum Stopping Distances of Flexible-Guide Clamp Safeties.

The maximum stopping distance of the car and counterweight safeties of the Flexible-Guide Clamp Type, F.G.C., shall be within that shown by Figure 3, Curve III, for the car with contract load and for the counterweight, and the minimum stopping distance shall be at least that shown by Figure 3, Curve I, for cars with 150 pound load

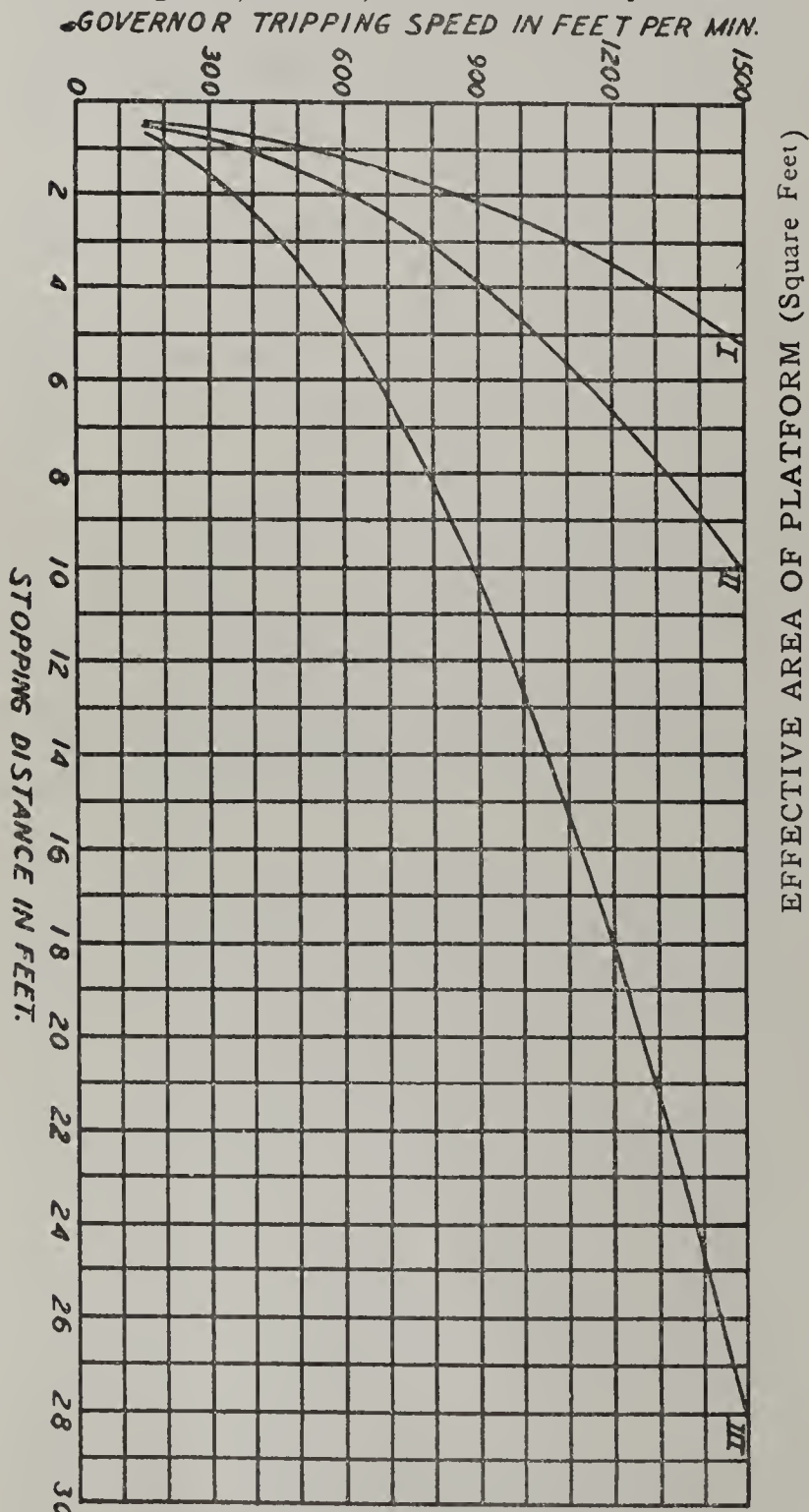


FIG. 3. MINIMUM AND MAXIMUM STOPPING DISTANCES
CAR AND COUNTERWEIGHT SAFETIES, TYPE
F.G.C. (FLEXIBLE GUIDE CLAMP)

and Curve II for cars with contract load and for counterweights.

3.3.6.5. Pull-Out of the Governor Cable.

For elevators having a contract speed of 475 feet per minute or more, the pull-out of the governor cable from its normal running position until the safety jaws begin to apply pressure to the guide rails shall be 30 inches or less.

3.3.6.6. Stopping Distance.

Stopping distance is actual slide as indicated by the marks on the rails.

3.3.7. Capacity and Loading.

3.3.7.1. Contract Load of Elevators.

The contract load of a passenger elevator in pounds shall be at least the amount given by Curve A in Figure 4 corresponding to the effective platform area of the car.

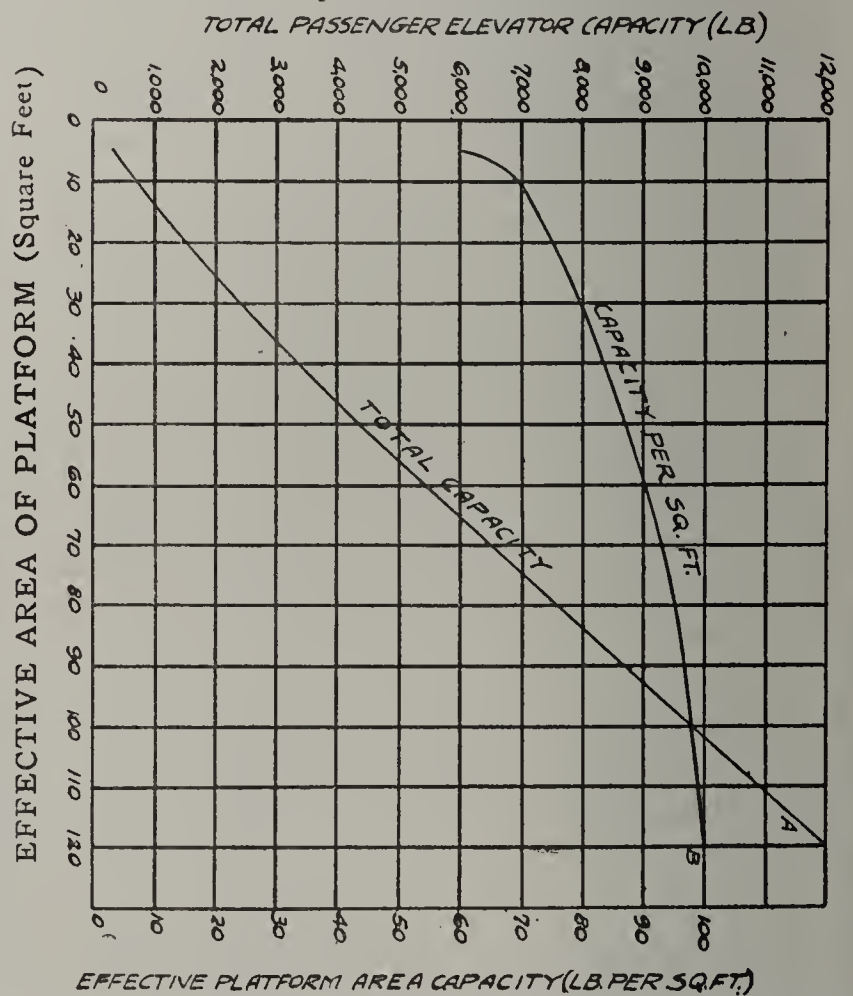


FIG. 4. PLOT SHOWING PASSENGER-ELEVATOR CARRYING CAPACITY CORRESPONDING TO EFFECTIVE PLATFORM AREA

The minimum contract load of freight elevators in business buildings, public buildings, residence buildings and mixed occupancy buildings shall be determined on the basis of the curve for passenger elevators (except elevators used for lifting automobiles and carriages and elevators not traveling above the street level). The minimum contract load of freight elevators in warehouses and all elevators not traveling above the street level (except automobile and carriage elevators) shall be determined on the basis of 50 pounds per square foot for the first 100 square feet of platform area and 25 pounds for each additional square foot. The minimum contract load of elevators lifting automobiles and carriages shall be determined on the basis of 50 pounds per square foot for the first 80 square feet of platform area and 20 pounds for each additional square foot.

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For passenger and freight elevators having effective platform areas above 120 square feet (except elevators used for lifting automobiles and carriages, elevators not traveling above the street level and freight elevators in warehouse) the contract load shall be at least 100 pounds per square foot.

3.3.7.2. Posting of Information.

A metal plate shall be fastened in a conspicuous place in passenger elevator cars, bearing the following information in at least $\frac{1}{4}$ inch letters or figures stamped, etched or raised on the surface of the plate:

The Contract load of the elevator in pounds. (See also 3.3.7.4, *One Piece Loads on Elevators*, Paragraph 5)

The inspection certificate posted in passenger elevator cars shall state the allowable number of passengers permitted to be carried by the elevator equal to its rated load in pounds divided by 150.

A similar metal plate shall be placed upon the cross-head of passenger and freight elevators and on the bow iron or frame of sidewalk type elevators, bearing the following information:

1. The weight of the complete car, including the safeties.
2. The contract car speed in feet per minute at which the elevator is designed to travel (except sidewalk type elevators).
3. The cable data required by 3.5.1.2, *Information on Capacity Plates*.

The capacity of freight elevators shall be indicated in a conspicuous place in the car in letters and figures at least 1 inch high by the word "CAPACITY," followed by figures giving the contract load in pounds.

3.3.7.3. Carrying of Passengers on Freight Elevators.

The use of new freight elevator installations to carry passengers is forbidden unless they conform to all the requirements of these Rules covering passenger elevators.

The carrying of passengers on existing freight elevators shall be permissible provided the elevator conforms in all respects to the requirements of the rules for existing passenger elevators.

3.3.7.4. One Piece Loads on Elevators.

Passenger and freight elevators may be used for carrying safes or other one piece loads greater than the contract load of the elevator when the following requirements are met:

1. A "locking device" is provided which will hold the car at any landing independently of the hoisting cables while the safe or other object is being loaded or unloaded.
2. The "locking device" shall be so designed that it cannot be unlocked unless the entire weight of the car and load is suspended on the cables.
3. The wrench or other device for operating the "locking device" shall be removable.
4. The "locking device" shall be designed to withdraw the bars should it come in contact with the landing locks if the car is operated on the up motion.
5. A metal plate shall be provided in the elevator car which shall bear the words "Capacity Lifting Safes" in letters followed by figures giving the capacity in pounds for lifting safes for which the machine is designed, the letters and figures to be at least $\frac{1}{4}$ inch high, stamped, etched, or raised on the surface of the plate.
6. The car platform, car frame, sheaves, shafts, cables and locking device shall be designed

for the specified "Capacity Lifting Safes" with a factor of safety of at least five.

7. The car safeties shall be designed to stop and hold the specified "Capacity Lifting Safes" with the cables intact.
8. Where there is a passageway under the hoistway the machine shall be designed to operate with the "Capacity Lifting Safes" at slow speed and the car safety shall be designed to stop and hold the car and "Capacity Lifting Safes" independently of the cables.
9. For traction machines additional counterweights shall be added so that the total overbalance is at least equal to 45 per cent of the "Capacity Lifting Safes."

3.3.7.5. Locking Device Required.

The locking device specified in 3.3.7.4, *One Piece Loads on Elevators*, paragraph 1, shall be provided for any passenger elevator installed for carrying safes or other one piece loads where the weight of such safes or one piece loads equals or exceeds 75 per cent of the contract load.

3.3.7.6. Maximum "Capacity Lifting Safes."

The maximum "Capacity Lifting Safes" of any traction elevator shall be $1\frac{1}{3}$ times the contract load of the elevator.

3.3.7.7. Special Switches.

Elevator machines equipped for carrying safes or other concentrated loads greater than the contract load of the elevator shall be provided with special switches near the machine for operating under such conditions.

3.3.8. Contract Load Test.

A test of every new elevator shall be made with contract load in the car under the supervision of the Commissioner before the elevator is placed in regular service.

The brakes, limit switches, buffers, car safety and speed governor shall be caused to function in each test, and approval of any elevator shall be granted only upon satisfactory completion of such test.

3.4. Machines, Stopping Devices, Control and Operation.

3.4.1. Machines and Machinery.

3.4.1.1. Design of Drums and Sheaves.

Drums and leading sheaves shall be of cast iron or steel, and shall have finished grooves which may be faced with materials other than iron and steel, having sufficient traction. U grooves shall be at most $\frac{1}{16}$ inch larger than the cables.

Hoisting rope sheaves for traction machines shall have sheave grooves designed so that the traction will not be materially decreased by the wear of the grooves.

The diameters of sheaves or drums for hoisting or counterweight cables shall be at least forty times the diameter of the cable (except for sidewalk elevators and except where conditions make impractical the use of sheaves of such size, in which case the Commissioner may permit the use of smaller diameter sheaves). Openings in drums shall be drilled at an angle of less than 45 degrees with the run of the rope and be provided with a rounded corner with a radius at least equal to that of the rope.

3.4.1.2. Factors of Safety.

The factors of safety based on the static loads (the contract load plus the weight of the car, cables, counterweights, and so forth) to be used in the design of elevator hoisting machines shall be at least:

For wrought iron or wrought steel..... 8

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For cast iron, cast steel or other materials.. 10

3.4.1.3. Set Screw Fastenings.

The use of set screw fastenings instead of keys or pins is forbidden (except where the connection is not subject to torque).

3.4.1.4. Friction Gearing or Clutch Mechanisms for Passenger Elevators.

The use of friction gearing or clutch mechanisms for connecting the drums or sheaves to the main driving gear is forbidden.

3.4.1.5. Use of Belt or Chain-driven Machines.

The use of belt or chain-driven machines is forbidden.

3.4.1.6. Cast Iron Toothed Worm Gears.

The use of worm gearing with cast iron teeth is forbidden.

3.4.1.7. Brakes Required.

Winding drum and traction machines shall be equipped with brakes applied automatically by springs or gravity when the operative device is at the "stop" position. Electric elevator machines shall be equipped with electrically released brakes.

The release of brakes before power has been applied to the motor is forbidden.

3.4.1.8. Action of the Brake Magnet.

No single ground, short-circuit or counter-voltage shall prevent the action of the brake magnet from allowing the brake to set in the intended manner during normal operation.

No motor-field discharge, counter-voltage, single ground or accidental short-circuit shall retard the action of the brake magnet in allowing the brake to set during emergency stops.

3.4.2. Hydraulic Elevator Machines.

3.4.2.1. Construction of Hydraulic Elevator Machines.

Hydraulic elevator machines, whether of the vertical or horizontal type, shall be so constructed and so roped that the piston will be stopped before the car can be drawn into the overhead work. Stops of ample strength shall be provided to bring the piston to rest when under full pressure without causing damage to the cylinder or cylinder head.

3.4.2.2. Metal Guide Rails and Shoes Required for Traveling Sheaves.

Traveling sheaves for vertical hydraulic elevators shall be guided. Guide rails and guide shoes shall be of metal.

3.4.2.3. Side Frames and U-Strap Connections.

Side frames of traveling sheaves for vertical hydraulic elevators shall be either structural or forged steel.

The use of the construction commonly known as the "U-strap connection" between the piston rods and the traveling sheaves is forbidden.

3.4.2.4. Equalizing Cross-Heads and Washers.

Where more than one piston rod is used on the vertical pulling type, an equalizing cross-head shall be provided for attaching the rods to the traveling sheave frame to insure an equal distribution of load on each rod.

Equalizing or cup washers shall be used under the piston rod nuts to insure a true bearing.

3.4.2.5. Gas Releases.

Cylinders of hydraulic elevator machines shall be provided with means for releasing air or other gas.

3.4.2.6. Factor of Safety and True Bearing of Piston Rods of Hydraulic Elevators.

Piston rods of tension type hydraulic elevators

shall have a factor of safety of at least eight, based on the cross sectional area at the root of the thread. A true bearing shall be maintained under the nuts at both ends of the piston rod to prevent eccentric loading on the rods.

3.4.2.7. Outlets of Pressure Tanks.

Outlets of pressure tanks shall be located to prevent the probability of the entrance of air or other gas into the elevator cylinder.

3.4.2.8. Packing of Automatic Stop Valves.

Automatic stop valves for elevators shall be packed with cup leathers, or other means shall be used to prevent sticking of the valve stems.

3.4.2.9. Relief Valves.

Each pump connected to the pressure tank of a hydraulic elevator shall be equipped with a relief valve, so installed that it cannot be shut off. The relief valve shall be of sufficient size and so set as to pass the full capacity of the pump at full speed without exceeding the safe working pressure of the pump or tank. The relief valve shall be piped to discharge into the discharge tank or the pump suction. Two or more relief valves may be used to obtain the capacity.

3.4.2.10. Automatic By-Passes.

Elevator pumps, unless equipped with pressure regulations which control the motive power, shall be equipped with automatic by-passes.

3.4.2.11. Pressure Tanks.

Pressure tanks shall be made and tested in accordance with the requirements of the American Society of Mechanical Engineers' Boiler Code for unfired pressure vessels, 1930.

3.4.2.12. Gages

Each pressure tank shall be provided with a water gage glass having brass fittings and valves, attached directly to the tank and so located as to show the level of the water when the tank is more than half filled.

Each pressure tank shall have a pressure gage which correctly indicates pressure to at least one and one-half times the normal working pressure allowed in the tank. This gage shall be connected to the tank by a brass or other corrosion resisting pipe in such a manner that the gage cannot be shut off from the tank (except by a cock with a "T" or lever handle, the T or lever being set in line with the direction of the flow). The cock shall be in the pipe near the gage.

Pressure tanks shall be provided with a $\frac{1}{4}$ inch pipe size valved connection for attaching an inspectors' gage while the tank is in service.

3.4.2.13. Vacuum Relief Valves.

Pressure tanks that may be subject to vacuum shall be provided with one or more vacuum relief valves.

Vacuum relief valves shall have openings of sufficient size to prevent the collapse of the tank if a vacuum occurs. If necessary more than one vacuum relief valve may be used to obtain sufficient capacity.

3.4.2.14. Inspection of Pressure Tanks.

Pressure tanks shall be so located and supported that inspection may be made of the entire exterior.

3.4.2.15. Discharge Tanks.

Discharge tanks open to the atmosphere shall be so designed that when completely filled the factor of safety shall be at least four based on the ultimate strength of the material. Discharge tanks shall be covered to prevent the entrance of foreign material and provided with a suitable vent to the atmosphere.

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3.4.2.16. Hydraulic Elevators Operated by Steam or Gas.

Hydraulic elevators operated from a pressure tank where the fluid pressure is obtained by directly admitting steam, air or other gas to the tank, shall comply with all the rules governing hydraulic elevators.

3.4.2.17. Design of Plunger Elevators.

In the design of plunger elevators adequate provision shall be made to stop the plunger as well as the car.

3.4.3. Terminal Stopping and Safety Devices.

3.4.3.1. Normal Terminal Stopping Devices Required.

Elevators shall be provided with upper and lower normal terminal stopping devices, arranged to stop the car automatically from any speed attained in normal operation within the top and bottom overtravel independent of the operating devices, the final terminal stopping device and the buffers (except that in the case of hand-rope or rod operating devices the normal terminal stopping device may operate in conjunction with the operating devices).

3.4.3.2. Installation of Normal Terminal Stopping Devices.

Normal terminal stopping devices shall be installed as follows:

1. Electric elevators having winding drum machines (except sidewalk type elevators and except those operated by hand-rope, wheel or lever devices) shall have stopping switches on the car or in the hoistway operated by the movement of the car.
2. Electric elevators having traction machines (except those operated by hand-rope devices) shall have stopping switches on the car, or in the machine room, or in the hoistway, operated by the movement of the car. Where such stopping devices are located in the machine room, a safety switch shall be provided which will stop the machine should the driving member fail.
3. All electric elevators with hand-rope or rod operating devices shall have stop balls securely fastened to the rope or rod arranged to center the operating device, and (except for sidewalk type elevators) if winding drum machines are used they shall also have an additional device to center the operating device automatically.
4. Hydraulic elevators having a contract speed in excess of 100 feet per minute shall have an automatic stop valve independent of the normal control valve or valves operated either by the car or the machine.
5. Hydraulic elevators having a contract speed of 100 feet per minute or less with hand-rope or rod operating devices shall have stop balls on the operating device.
6. Electric elevators having winding drum machines with lever or wheel operating devices shall have a device to center the operating device automatically.
7. Electric sidewalk type elevators having winding drum machines and hand-rope or pull chain operating devices shall have a stopping device on the machine and on the operating device. Electric sidewalk type elevators having winding drum machines and either automatic or continuous pressure operation shall have a stopping device on the machine and in the hoistway. These stopping devices shall not control the same switches unless

two or more separate and independent switches are provided, two of which shall be closed to complete the motor and brake circuit in each direction of travel.

3.4.3.3. Final Terminal Stopping Devices Required.

Electric elevators (except sidewalk type elevators) shall be provided with upper and lower final terminal stopping devices arranged to stop the car and counterweight automatically from contract speed within the top clearance and bottom overtravel independently of the operation of the normal terminal stopping devices and the operating device, but with buffers operative. This requirement may necessitate the use of auxiliary stopping devices for the car and counterweight.

Final limit switches and oil buffers shall be located so that the engagement of the buffer and the opening of the limit switch will occur as nearly simultaneously as possible. When spring buffers are provided, the final limit switches shall be opened before the buffer is engaged.

Where means are provided to prevent jumping of the car or counterweight it shall only be necessary that the limit switch open before the buffer is fully compressed.

3.4.3.4. Installation of Final Terminal Stopping Devices.

Final terminal stopping devices shall be installed in connection with electric elevators (except sidewalk type elevators) as follows:

1. Electric elevators having winding drum machines shall have stopping switches on the machines and also in the hoistway operated by the movement of the car.
2. Electric elevators having traction machines shall have stopping switches in the hoistway operated by the movement of the car.

3.4.3.5. Action and Switches of Final Terminal Stopping Devices.

The final terminal stopping device shall act to prevent movement of the car in both directions. The normal and final terminal stopping devices shall not control the same switches on the controller unless two or more separate and independent switches are provided, two of which shall be closed to complete the motor and brake circuit in each direction of travel. When 2-phase or 3-phase alternating current is used to operate the elevator the above switches shall be of the multipole type. In the case of hand-rope, rod, wheel or lever operating devices the normal and final terminal stopping devices may control the same switch on the controller.

When the final terminal stopping device controls the same controller switch or switches as the operating device or the normal terminal stopping device, it shall be connected into the control circuit on the opposite side of the line.

3.4.3.6. Prohibited Types of Terminal Stopping Devices.

The use of chain, rope or belt driven machine terminal stopping devices is forbidden for elevators having winding drum machines.

3.4.3.7. Automatic Terminal Stopping Devices Required.

Electric elevators having winding drum machines (except sidewalk type elevators) driven by 2-phase or 3-phase alternating current shall have an automatic terminal stopping device arranged to open the main line circuit to the motor and brake directly. This device shall prevent movement of the machine in either direction before or coincident with the operation of the final terminal stopping device.

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3.4.3.8. Enclosure of Terminal Stopping Switches.

Normal and final terminal stopping switches, whether on the car, in the machine room, or in the hoistway, shall be of the enclosed type.

3.4.3.9. Mounting of Terminal Stopping Devices.

Normal and final terminal stopping devices, where on the car or in the hoistway, shall be securely mounted in such a manner that the movement of the switch lever or roller to open the contacts shall be as nearly as possible in a direction at right angles to a line drawn between the faces of the car guide rails.

3.4.3.10. Location of Operating Cams.

The cams for operating the terminal stopping switches shall be of metal and shall be so located and of sufficient length to maintain the switch in the open position when the car is in contact with the overhead structure or resting on the fully compressed buffer with the overhead structure and the buffer in their normal position.

3.4.4. Operation and Control.

3.4.4.1. Maximum Speed for Direct Hand Operated Elevators.

The operation of elevators having a contract speed in excess of 100 feet per minute by direct hand operated ropes, cables or rods is forbidden.

3.4.4.2. Maximum Speed of Elevators Operated by Wheels or Levers; Marking of Hydraulic Elevator Operating Devices.

The operation of elevators having a contract speed in excess of 150 feet per minute by wheel or lever mechanisms is forbidden (except hydraulic elevators).

Hydraulic elevators operated by a wheel operating device shall be provided with an indicating device in the car to show the position of the control valve. Such device shall be marked and shall indicate "up," "down" and "off." The wheel operating device shall be marked to indicate the direction of motion.

3.4.4.3. Access to Operating Ropes or Cables from Outside of the Hoistway.

The operation of elevators by a rope or cable, access to which is obtained from the outside of the hoistway, is forbidden.

3.4.4.4. Overhead Tension Weights.

Overhead tension weights for hand ropes shall be secured by chains or cables attached to the weights and to a suitable anchorage.

3.4.4.5. Hand-rope Guards.

Guards which will keep the hand-ropes on the sheaves shall be installed.

3.4.4.6. Centering Devices Required.

Freight elevators (except sidewalk type elevators) operated by means of a direct operated hand-rope, shall be provided with a centering device which will insure the operating mechanism being placed in the stop position when it is desired to stop the car.

3.4.4.7. Arrangement and Number of Operating Devices.

The handle of car switch operating devices shall be arranged to return to the "stop" position and lock there automatically when the hand of the operator is removed.

Where more than one operating device is used in a car (except in automatic operation elevators) the operating devices shall be so interlocked that only one can be used at a time. If a single operating device is used, it shall be so located as to be near the car opening serving the greatest number of landing openings.

3.4.4.8. Emergency Stop Switches.

An emergency stop switch, which will cut off the source of power, shall be provided in the car adjacent to the operating device for electric elevators. If the stop button of an automatic operation or continuous pressure operation elevator is a red button marked "stop," it may be used as the emergency stop switch.

One lead to the emergency stop switch shall be run to the car through a separate and independent traveling cable where electric elevators have winding drum machines.

3.4.4.9. Disconnecting Switch Required.

A manually operated multi-pole disconnecting (service) switch shall be installed in the main line of electric elevator machinery.

This switch shall be located adjacent to and visible from the elevator machine or motor generator set. Provision for closing the disconnecting switch from any other part of the building is forbidden. When practicable this switch shall be located in the machine room at the lock-jamb side of the entrance door.

3.4.4.10. Independent Breaks Required with Metal-to-Metal Contacts.

Where metal-to-metal contacts, gravity or spring opened, or a combination of the two, are used on controller switches for stopping elevator machines at least two independent breaks shall be provided.

3.4.4.11. Use of Springs or Electric Circuits as Circuit Breakers.

Breaking the circuit to stop an automatic-control elevator at the terminals shall be independent of the operation of springs in tension or the completion of another electric circuit. If springs are used they shall be in compression. The interruption of the electric circuit shall prevent the movement of the car.

3.4.4.12. Grounding of Frames.

The frame of the electric elevator machine, the frame of the controller, the operating rope if used, and the frames of electric appliances in or on the elevator car shall be effectively grounded.

3.4.4.13. Enclosure of "Slack Cable" Switches.

The electric "slack cable" switches shall be enclosed.

3.4.4.14. Forbidden Types of Control Systems.

The use of control systems which depend on the completion or maintenance of an electric circuit for the interruption of the power and for the application of electro-mechanical brakes at the terminals, for the operation of safeties or the closing of a contactor by an emergency stop button, is forbidden (except that dynamic-braking and speed control devices are exempt from these requirements).

3.4.4.15. Arrangement of Operating Levers.

"Car-switch" and hand-operating levers shall be so arranged that the movement of the lever toward the opening which the operator usually faces will cause the car to descend and the movement of the lever away from the opening will cause the car to ascend.

3.4.4.16. Rope Locks Required.

Freight elevators operated by hand-ropes shall be equipped with rope locks for holding the car at any landing (except

1. Sidewalk type elevators;
2. Elevators equipped with an emergency switch; and
3. Elevators equipped with interlocks or electric contacts).

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3.4.4.17. Operation of Directional Switches or Operating Valves on Passenger Elevators.

On mechanically operated passenger elevators the operation of directional switches or operating valves shall not depend solely upon belts or upon cast or malleable iron chains. If a hand-rope is used the cable shall be securely anchored to the operating sheave or drum.

3.4.4.18. Automatic Fire Alarm Circuit Breakers.

The use of a circuit breaker operated automatically by a fire alarm system to cut off the power, or interrupting the operating circuit of a passenger elevator is forbidden.

3.4.4.19. Automatic Operation Elevators.

Automatic operation elevators (except sidewalk elevators the travel of which does not exceed one story) shall comply with the following requirements:

1. If the car has started for a given landing it shall be impossible for an impulse to be given from any landing to send the car in the reverse direction until it has reached the destination corresponding to the first impulse. It shall be permissible to stop the car at any intermediate landing to take on or discharge passengers or attendants going in the original direction.
2. If the car has been stopped to take on or discharge passengers or freight and is to continue in the direction determined by the first impulse, it is permissible to start the car by the closing of the car gate.
3. It shall be impossible to start the car under normal operation unless every hoistway door is closed and locked in the closed position. The use of devices employing locks and contacts of a type where the contact is made when the door is closed and the locking of the door takes place subsequently is forbidden.
4. Where the elevator is used by the general public no buttons shall be provided at any landing to send the car to any other landing.
5. The floating platform construction may be used to permit operation of the car from the landing buttons with the car gate open when there is no passenger in the car under the following conditions:

Each landing door shall be flush with the hoistway edge of its landing saddle and lintel within a tolerance of one-quarter of an inch, plus or minus.

The platform shall prevent the operation of the car from the car push buttons unless the platform is depressed.

It shall be impossible to operate the elevator from the car push buttons unless the car gate is closed.

The platform shall operate when a weight of 30 pounds is placed on it at any point.

The platform shall be so constructed that there is no pocket or recess capable of holding refuse or dirt beneath the platform.

The entire platform within the enclosure and the platform threshold sill shall float.

The installation of handrails in the elevator car is forbidden.

6. An inspector's switch shall be installed on the controller to render all landing buttons inoperative, and when the opening of the emergency stop switch or button does not cancel all registered car and hall calls, the

inspector's switch on the controller shall also render all car buttons inoperative and there shall be furnished in the car an Up and Down inspection switch or button which will enable the inspector to operate the elevator in either direction as long as the switch or button is held in contact.

3.4.4.20. Continuous Pressure Operation.

The use of continuous pressure operation for passenger elevators is forbidden (except when they are provided with all of the safety devices required for automatic operation elevators).

3.4.4.21. Polyphase Alternating Current Motors.

Each electric elevator driven by a polyphase alternating current motor shall be provided with a device which will (except in the case of alternating current motors used in motor generator sets) prevent starting the motor if

1. The phase rotation is in the wrong direction; or
2. There is failure in any phase.

3.4.4.22. Starting of Electric Elevators After Failure of Power.

Electric elevators operated by hand cables, lever or wheel operating devices, shall be so arranged that, in case of failure of power, or the opening of car gate, landing door or limit switches, it will be necessary to return the operating device to the "OFF" position before the elevator can again be started.

3.4.4.23. Use of Overload Circuit-Breakers.

If an overload circuit-breaker is used for a direct current rheostatic control electric elevator, the wiring shall be arranged so that the circuit of the brake-magnet coil is opened at the same time that the line circuit is opened.

3.4.4.24. Sidewalk Elevator Key Switch.

Sidewalk elevators the hatch opening of which is located in the sidewalk or other area accessible to the public shall be provided with a device which shall normally prevent the car from opening or closing the sidewalk hatch cover. A switch which can be operated only by a special key and which when closed will permit the car to open and close the sidewalk hatch cover shall be installed on the building wall above the sidewalk at the right hand side of the hoistway when facing the building wall and not over 18 inches horizontally distant from the hoistway. A detachable flexible cord 5 feet or less in length with a continuous pressure button on the free end may be used in lieu of the key switch when desired.

It shall be necessary that the key or button be held manually in position to keep the circuit closed. The elevator may also be operated from the sidewalk or exterior area level by means of the key switch or button.

3.4.4.25. Installation of Condensers.

The installation of condensers the operation of which will hold in any magnet or keep alive any circuit so as to interfere with the proper operation of any new or existing elevator apparatus is forbidden.

3.4.5. Limits of Speed.

3.4.5.1. Maximum Speed of Freight and Passenger Elevators.

The maximum contract speed of passenger and freight elevators (except as otherwise specified in 3.4.5.2, *Maximum Speed of Sidewalk Type Elevators*; 3.4.5.3, *Maximum Speed of Freight Elevators Without Regular Operators*, and 3.4.5.4,

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Maximum Speed of Continuous Pressure Operation Freight Elevators) shall be limited only by the top and bottom clearances as determined by 2.1.4, Pits, Overtravel and Clearances.

3.4.5.2. Maximum Speed of Sidewalk Type Elevators.

The maximum contract speed of sidewalk type elevators shall be 35 feet per minute.

3.4.5.3. Maximum Speed of Freight Elevators Without Regular Operators.

The maximum contract speed of freight elevators without a regular operator (except sidewalk type elevators) unless provided with automatic operation or continuous pressure operation, shall be 100 feet per minute.

3.4.5.4. Maximum Speed of Continuous Pressure Operation Freight Elevators.

The maximum contract speed of electric freight elevators with continuous pressure operation (except sidewalk type elevators) shall be 150 feet per minute.

3.5. Cables and Signal Systems for Elevators.

3.5.1. Cables.

3.5.1.1. Materials for Cables.

Car and counterweight cables shall be iron or steel without covering (except that where liability to excessive corrosion or other hazard exists, marine-covered cables are permitted for freight elevators). The use of marine-covered cables for passenger elevators is forbidden. The use of chains for hoisting is forbidden (except for sidewalk elevators the travel of which does not exceed 15 feet).

3.5.1.2. Information on Capacity Plates.

Where winding drum machines are used, the capacity plate required in 3.3.7.2, Posting of Information, shall bear the following information:

CABLE SPECIFICATIONS			
Cable	Number	Diameter in Inches	Rated Ultimate Strength in Pounds
Hoisting			
Car Counterweight			
Machine Counterweight			

Where traction machines or drum machines without counterweights are used, the capacity plate required in 3.3.7.2, Posting of Information, shall bear the following information:

CABLE SPECIFICATIONS			
	Number	Diameter in Inches	Rated Ultimate Strength in Pounds
Hoisting Cables			

Where hydraulic machines are used the capacity plate required is 3.3.7.2, Posting of Information, shall bear the following information:

CABLE SPECIFICATIONS

Cable	Number	Diameter in Inches	Rated Ultimate Strength in Pounds
Hoisting			
Car Counterweight			

In addition a metal tag shall be attached to the cable fastenings. On this tag shall be given the diameter, rated ultimate strength, and material of the cable, and the date of the cable installation.

3.5.1.3. Load Limit for Cables of Unknown Strength.

Where the rated ultimate strength and material are not known, the loads shall be limited to the loads allowed for iron cable of the same diameter.

3.5.1.4. Factors of Safety.

The factor of safety based on static loads for car and counterweight cables for elevators shall be at least the values given in the following figures corresponding to the contract speed of the car.

The factor of safety based on static loads for chains used for hoisting sidewalk elevators shall be at least 5, and for cables 7.

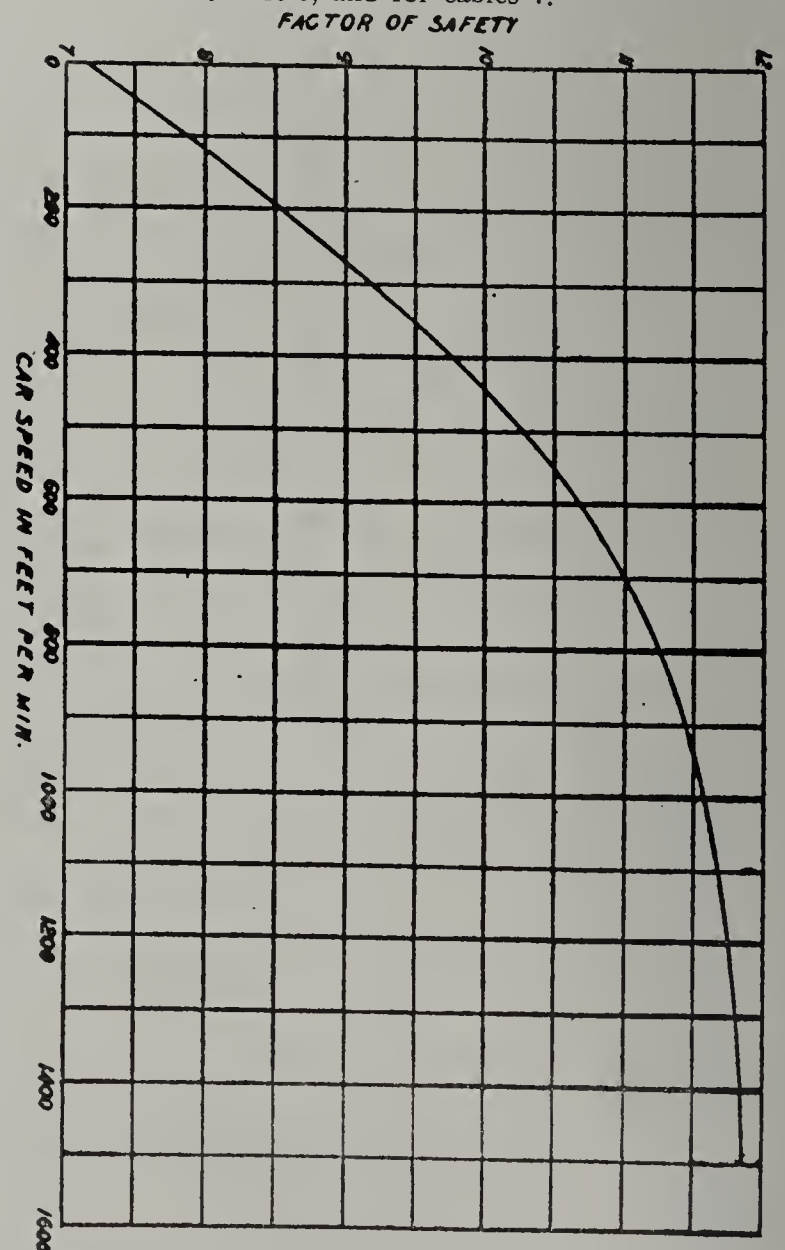


FIG. 5. FACTORS OF SAFETY FOR HOISTING AND COUNTERWEIGHT CABLES FOR PASSENGER ELEVATORS

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3.5.1.5. Number and Diameter of Cables and Computed Load.

The number and diameter of the cables shall be determined by using the factor of safety found in 3.5.1.4, *Factors of Safety*, together with the rated ultimate strength of the cable. The computed load on the cables shall be the weight of the car, plus its contract load, plus the weight of hoisting cables and the compensation.

The minimum number of cables used with traction elevators shall be 3. The minimum number of cables used with winding drum elevators shall be 2.

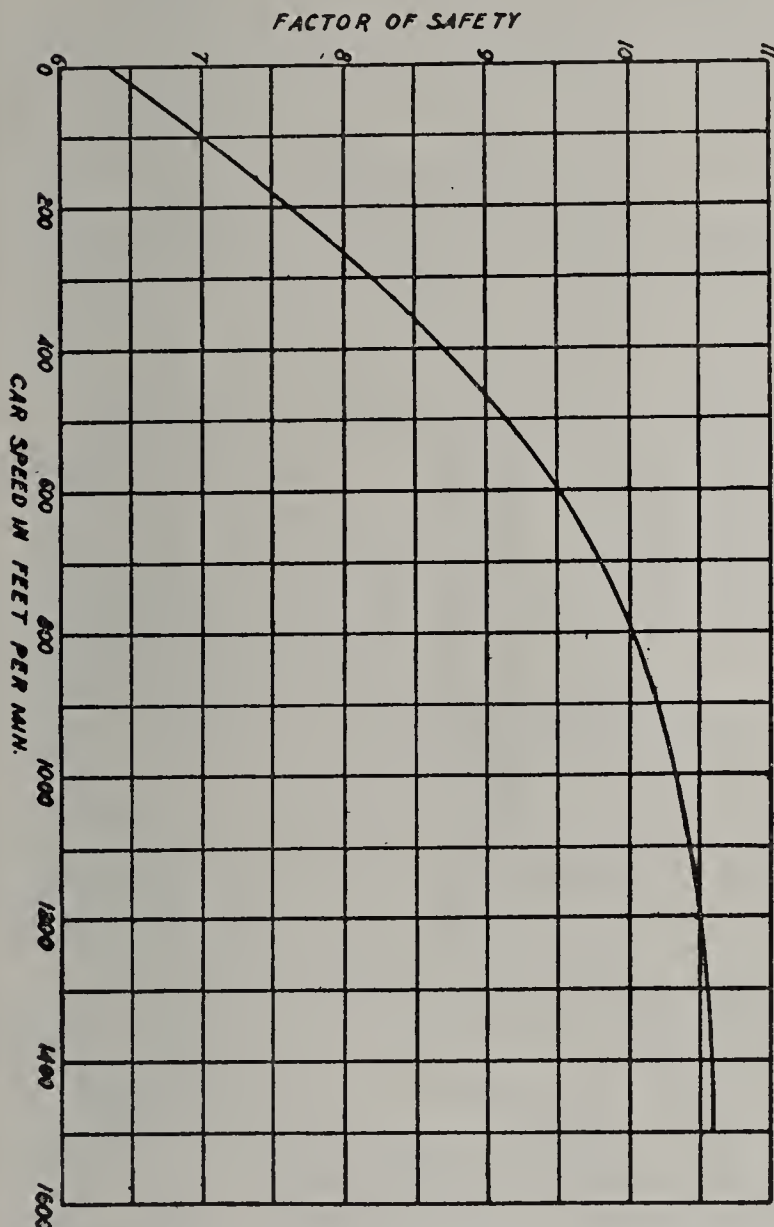


FIG. 6. FACTORS OF SAFETY FOR HOISTING AND COUNTERWEIGHT CABLES FOR FREIGHT ELEVATORS

The use of hoisting ropes less than $\frac{1}{2}$ -inch in diameter for elevators is forbidden (except that where conditions make impractical the use of rope of the size specified, the Commissioner may permit the use of rope $\frac{7}{16}$ of an inch in diameter).

3.5.1.6. Anchoring of Cables to Winding Drums.

Cables anchored to winding drums shall have at least one turn of cable on the winding drum when the car or counterweight has reached the extreme limit of its overtravel.

3.5.1.7. Lengthening or Repairing Cables by Splicing Forbidden.

The repair or lengthening of car or counterweight cables by splicing is forbidden.

3.5.1.8. Securing Winding Drum Ends of Cables.

The winding drum ends of car or counterweight cables shall be secured by clamps on the inside of the drums or by one of the methods specified in the following paragraphs for fastening cables to cars or counterweights.

3.5.1.9. Fastening Car and Counterweight Ends of Cables.

The car and counterweight ends of cables shall be fastened by individual tapered babbitted sockets, or by other methods approved by the Commissioner (except that spliced eyes and return loops are forbidden). Other fastenings may be used for compensating counterweight cables and for plunger elevators.

Adjustable shackle rods shall be used to attach cables to cars and counterweights in such a manner that all portions of the cable (except the portion in the socket) shall be readily visible.

3.5.1.10. Method of Socketing Cables.

If a babbitted socket is used, the length of the socket shall be at least 4.75 times the diameter of the cable. The hole at the small end shall be as given in the following table:

Nominal Diameter of Cable in Inches	Inside Diameter of Small End of Cable Socket
$\frac{1}{4}$ to $\frac{7}{16}$ inclusive	shall not be more than $\frac{1}{16}$ inch larger than actual cable diameter.
$\frac{1}{2}$ to $\frac{3}{4}$ inclusive	shall not be more than $\frac{3}{32}$ inch larger than actual cable diameter.
$\frac{7}{8}$ to $1\frac{1}{8}$ inclusive	shall not be more than $\frac{1}{8}$ inch larger than actual cable diameter.
$1\frac{1}{4}$ to $1\frac{1}{2}$ inclusive	shall not be more than $\frac{3}{16}$ inch larger than actual cable diameter.

The small end of the socket shall be free from cutting edges. The hole at the large end of the socket shall be at least $2\frac{1}{4}$ times the diameter of the cable. A socket shall be drop-forged steel, steel casting, or formed in a substantial block of cast iron. The socket shall be of such strength that the cable will break before the socket is perceptibly deformed.

The ends of wire rope shall be served with three seizings at each side of any point at which the rope is to be cut.

Only annealed iron wire shall be used as seizing wire. The wires should be wound tight and even. The twisted ends of the seizings shall be so placed that they fall into the valleys between strands and away from the end of the rope.

The first two seizings shall be at least $\frac{1}{2}$ -inch long, and the third seizing at least $\frac{3}{4}$ -inch long. The first seizing shall be close to the cut and the second seizing shall be spaced within $2\frac{1}{4}$ inches from the first seizing. The third seizing shall be at a distance from the second seizing equal to the length of the socket.

The use of tape as a substitute for annealed-iron-wire seizing is forbidden.

The ropes thus served shall be slipped into the socket a sufficient distance for manipulating and after removing the first two seizings the strands shall be opened up and the hemp center cut out as close as possible to the remaining seizing.

Then all grease shall be wiped off the extended strands and the lubricant carefully removed by washing with gasoline. The ends of the strands shall then be bent in and bunched close together,

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and the rope pulled back as far as possible so that the strands rest in the basket with the third seizing slightly projecting outside the mouth of the socket.

The socket, now being ready for pouring the babbitt, shall be warmed and shall be held vertical and truly axial with the rope to be socketed. Tape or waste may be wound around the rope at the base of the socket to prevent the metal from seeping through, but must be removed after the babbitt has cooled off. Pure babbitt only, free of dross, shall be used, heated to a temperature just sufficient to produce fluidity.

If the seizing and socketing has been done properly, the original and uniform relation of tension obtained by correct manufacture will be undisturbed; any loss of rope lay is a clear indication of careless seizing and socketing.

3.5.1.11. Reroping and Shortening of Cables.

Whenever an elevator is reroped or its ropes shortened, the top car and counterweight clearances shall be at least those specified in 2.1.4.3, *Top Clearances*.

3.5.2. Emergency Signals.

3.5.2.1. Emergency Signals or Telephones Required.

Automatic operation passenger or freight elevators (except sidewalk elevators the travel of which does not exceed 15 feet) shall be provided with an audible emergency signal operative from the car and located outside of the hoistway, or shall be provided with a telephone. The emergency alarm shall be clearly audible in the office, power house, or room in which an employee is ordinarily located.

3.5.2.2. Telephone Connection Required.

Passenger elevators in private residences shall be provided with a telephone permanently connected to a central exchange.

3.5.2.3. Signal Systems on Freight Elevator Hoistways.

The hoistway of every freight elevator (except automatic-operation and continuous pressure operation and sidewalk elevators) shall be provided with a signal system by means of which signals can be given from any landing whenever the elevator is desired at that landing.

RULE 4. HAND POWER ELEVATORS

4.1. Hoistway Construction.

4.1.1. Fire Resistive Hoistway Enclosures.

4.1.1.1. Hoistways to Be Fire Resistive.

Hoistway enclosures of all elevators shall comply with Section 373 of Article 18, of Chapter 5 of the Code of Ordinances, and, in factory buildings, with Title 3, Sections 261 and 270 of the Labor Law (except sidewalk elevators, the travel of which does not exceed one story).

4.1.1.2. Landing Openings to Be Protected.

Landing openings in a fire resistive hoistway enclosure shall be provided with fire resistive doors, panels or fronts which comply with Section 373 of Article 18, of Chapter 5 of the Code of Ordinances, and, in factory buildings, with Title 3, Sections 261 and 270 of the Labor Law (except that they must first comply with 2.3.1.1, *Automatic Fire Doors Functioning by Heat*). For elevators whose contract load is 2,000 pounds or more, the aggregate clear width of the hoistway doors shall be at least 30 inches and the clear height shall be at least 78 inches.

4.1.1.3. Strength of Hoistway Enclosures.

The hoistway enclosure adjacent to a landing opening shall be of sufficient strength to support in true alignment the hoistway doors with their operating mechanism.

4.1.2. Non-fire Resistive Hoistway Enclosures.

Non-fire resistive hoistway enclosures shall be permitted only for sidewalk elevators, the travel of which does not exceed one story. Where non-fire resistive construction is permitted, hoistways shall be enclosed to a height of 6 feet (except on the sides used for loading or unloading).

4.1.2.1. Materials for Enclosures.

Enclosures shall be building walls, solid or latticed partitions, of incombustible material, grillwork, metal grating, expanded metal or fire-proofed wood. Where wire grillwork is used, the wire shall be at least 0.0915 inches in diameter (Number 13 Steel Wire Gage), and the maximum size of mesh shall be 2 inches. Where expanded metal is used, its minimum thickness shall be 0.094 inches (Number 13 United States Gage).

The maximum spacing between vertical bars shall be 1 inch.

4.1.3. Clearance Between Cars and Hoistway Enclosures.

4.1.3.1. Clearance Between Car Platforms and Landing Saddle.

The maximum clearance between the car platform and the landing saddle shall be 3 inches for freight elevators and 2 inches for passenger elevators (except that where the operating rope is located at the side of the platform, this clearance shall not exceed 1 inch).

4.1.3.2. Clearance Between Hoistway Enclosure and Loading Side of Car Platform.

The maximum permissible clearance between a hoistway enclosure and a loading side of the car platform opposite a car entrance shall be 5 inches (except when the doors are installed wholly within the hoistway in which case the maximum permissible clearance shall be 7½ inches).

4.1.4. Overtravel for Hand Elevators.

An overtravel of at least 18 inches shall be provided at the top for hand elevators (except for sidewalk elevators). No overtravel is required at the bottom.

4.1.5. Machine Supports, Loads on Supports and Factors of Safety.

4.1.5.1. Machine Supports.

Machinery and sheaves shall be so supported and held as effectually to prevent any part from becoming displaced. The supporting beams shall be of steel or reinforced concrete. Beams are not required under machinery supported on independent foundations or on the floor of the machine rooms, if such foundation or floor is properly constructed to support the loads.

4.1.5.2. Loads on Supports.

Loads on overhead beams and their supports shall be computed as follows:

The total load on overhead beams shall be assumed as equal to the weight of all apparatus resting on the beams plus twice the maximum load suspended from the beams.

The load resting on the beams shall include the complete weights of machine, sheaves and similar equipment. The load suspended from the beams shall include the sum of the tensions of all cables suspended from the beams.

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4.1.5.3. Hanging of Machinery Underneath Supporting Beams.

The hanging of elevator machinery underneath the supporting beams at the top of the hoistway is forbidden (except for idler or deflecting sheaves with their guards and frames, devices for limiting or retarding the car speed and their accessories).

4.1.5.4. Factors of Safety.

The factor of safety for overhead beams and their immediate supporting beams based on the ultimate strength of the material which, if of steel, shall conform to the standard specifications of the American Society for Testing Materials, Designation, A 7-29, the loads being assumed as in 4.1.5.2, *Loads on Supports*, shall be at least the following:

For steel.....	4
For reinforced concrete.....	7

4.1.6. Gratings Under Machinery.

A metal grating capable of supporting 50 pounds per square foot shall be installed under the overhead machinery. Openings in such gratings shall reject a ball $1\frac{1}{2}$ inches in diameter.

4.1.7. Thoroughfares Under Elevator Hoistways or Counterweights.

Thoroughfares under hoistways or counterweights are forbidden unless there is a structure under the hoistway or counterweight sufficiently strong to withstand the impact of the car with contract load, or the impact of the counterweight, when either is dropped freely in its guides from the upper limit of overtravel, provided that for cars or counterweights equipped with broken rope safeties and speed retarders, the impact shall be computed for the maximum attainable speed.

4.2. Hoistway Guards and Screens.

4.2.1. Hatch Covers for Sidewalk Elevators.

Where the top hatch opening of sidewalk elevators is wholly or partially outside the building wall, the hatch covers shall be of the hinged type or the vertically lifting type and shall be capable of sustaining a live load of 300 pounds per square foot. The maximum permissible dimensions of sidewalk openings shall be 5 feet at right angles to and 6 feet parallel to the building line (except by permission of the Borough President). The side of the opening nearest the building shall be 4 inches or less from the building wall (except that where conditions make this impractical this distance may be increased subject to the approval of the Commissioner).

Where hinged type covers are used, the line of the hinges shall be at right angles to the building line. Where the covers open toward any obstruction the space between the fully opened cover and such obstruction shall be at least 18 inches. Where vertical lifting covers are used, there shall be a clearance of at least 2 feet between the cover and any obstruction above it when the elevator is at the top of its overtravel.

Hatch covers shall be self-closing and the fastening or holding open of the covers when the car is away from the top landing is forbidden (except where the hatch opening is in an area inaccessible to the public).

Where the top hatch opening of sidewalk elevators is wholly inside the building wall, hinged or vertically lifting type covers may be used, or doors may be provided complying with 4.3, *Hoistway Doors*. Such doors shall be so arranged that they can only be opened or unlocked from the outside of the hoistway when the car is at the landing.

4.2.2. Counterweight Runways Outside of the Hoistway.

Runways for counterweights located outside of the elevator hoistway shall be solidly enclosed throughout their height (except that when the runway is located outside

of the building it shall be enclosed to a height of at least 7 feet from the ground).

4.3. Hoistway Doors.

4.3.1. Automatic Fire Doors Functioning by Heat.

No automatic fire door, the functioning of which is dependent on the action of heat, shall lock any landing opening in the hoistway enclosure of any passenger elevator or any exit leading from any hoistway landing door to the outside of the structure.

4.3.2. Protection of Landing Openings.

Landing openings in hoistway enclosures shall be protected by sliding or swing doors complying with the fire resistive requirements for doors in such enclosures.

In addition to such doors landing openings in hoistway enclosures shall be furnished with gates at least 30 inches high which close when the car leaves the landing unless the landing doors are made in two parts, one above the other, the lower part extending at least 30 inches above the floor, and arranged to open only after the upper part has been opened and which must be closed before the top part is closed.

4.3.3. Opening of Hoistway Doors.

Hoistway doors of elevators serving more than two floors shall not be openable from the landing side unless:

1. The word "ELEVATOR" is conspicuously displayed on the landing side of the doors, and,
2. Unless the hoistway door is equipped with two spring locks or latches, one of which is at least 6 feet above the floor.

4.3.4. Hanger Guards and Stops.

Means shall be provided to prevent hangers for all sliding hoistway doors from jumping the tracks. Stops shall also be provided to prevent the hanger carriage from leaving the ends of the track, or suitable stops may be provided on the door only.

4.3.5. Vision Panels.

For elevators which can be operated from outside of the hoistway, hoistway doors may be provided with a vision panel. Such panels shall be of clear wired glass with a maximum area of 80 square inches.

4.3.6. Strength of Hoistway Doors.

Hoistway doors shall withstand a force of 75 pounds applied perpendicularly to the door at any point without being sprung from their guides.

4.3.7. Size of Hoistway Doors.

Hoistway doors when closed shall guard the full width of the landing openings and shall extend the full height from the landing saddle to the top of the landing opening.

4.3.8. Door Counterweight Enclosures.

Door counterweights shall run in metal guides from which they cannot become dislodged, or shall be boxed in. The bottoms of the guides or boxes shall be so constructed as to retain the counterweight if the counterweight rope breaks.

4.4. Car Construction and Safeties.

4.4.1. Car Construction.

4.4.1.1. Car Enclosures.

Cars (except for sidewalk elevators) shall be enclosed on the top and sides not used for entrance. Enclosures shall be of solid or open-work rigidly braced with steel. Where slats, bars or wire mesh are used, the openings shall reject a ball 2 inches in diameter. Where sheet metal is used, it shall be at least as thick as Number 16 United States Gage. Where wire mesh is used, the wire shall be at least 0.135 inches in diameter (Number 10 Steel Wire Gage). Enclosures shall not deflect more than $\frac{1}{4}$ inch when a force of 75 pounds is applied perpendicularly to the enclosure at any point. The car enclosure shall be securely fastened to the car platform or frame

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so that it cannot work loose or become displaced in ordinary service.

Cars for sidewalk elevators shall be enclosed on the sides not used for entrance to the spring of the bow iron but at least 4 feet above the platform. If the enclosure is openwork of bars, slats or wire mesh the openings shall reject a ball 4 inches in diameter. Wire mesh enclosures shall be of wire at least 0.0915 inches in diameter (Number 13 Steel Wire Gage).

4.4.1.2. Materials and Factors of Safety.

Car frames and platforms shall be of metal or sound seasoned wood designed with a factor of safety of at least four for metal or six for wood on the contract load uniformly distributed. The frame members shall be securely bolted and braced.

4.4.1.3. Use of Glass.

The use of glass is forbidden in elevator cars (except to cover certificates, directories, lighting fixtures and appliances necessary for the operation of the car). The maximum size of a piece of glass shall be 1 square foot unless laminated or otherwise shatterproof, but the total area of such glass used in the car in connection with lighting fixtures, whether in one or more pieces, shall be at most 4 square feet.

4.4.1.4. Protection of Cars Operating in Hoistways Outside of Structures.

Elevator cars, operating in hoistways outside of structures, which are enclosed only at the ground landing, shall be protected on the exposed sides by independently operated gates or by self-closing gates.

4.4.2. Car Compartments.

Hand elevator cars upon which persons are permitted to ride shall have only one compartment.

4.4.3. Car Safeties.

If the rise of an elevator exceeds 15 feet it shall be equipped with an approved safety device attached to the under side of the car which will immediately stop and hold the car and contract load, if the suspension means breaks.

4.4.4. Capacity and Loading.

4.4.4.1. Minimum Contract Load of Passenger Elevators.

The contract load of passenger elevators shall be at least 50 pounds per square foot of platform area inside of the car enclosure.

4.4.4.2. Information Plate Required.

A metal plate shall be fastened in a conspicuous place in the elevator car and shall bear the following information, in at least 1/4 inch letters or figures, stamped, etched or raised on the surface of the plate:

1. The contract load of the elevator in pounds.
2. The maximum number of passengers to be carried, based on 150 pounds per person (if a passenger elevator).

4.4.4.3. Tests.

A contract load test of every new hand power elevator as to operation of the car safety, brake and speed retarding devices shall be made before the elevator is placed in regular service.

4.5. Guides, Buffers and Counterweights.

4.5.1. Guide Rails.

Car and counterweight guide rails shall be of steel or wood (except that where the car travel exceeds 35 feet and in structures over 150 feet tall, the rails shall be of steel). Joints in steel rails shall be either tongued and grooved or doweled and fitted with splice plates. Joints

in wood rails shall be tongued and grooved or doweled and screwed to backing pieces or brackets. Guide rails shall be securely fastened with through bolts, wood screws, or clips of such strength, design and spacing that the maximum deflection of the guide rails and their fastenings under normal operation shall be 1/4 inch or less, particularly where in contact with the guide shoe when the car is at the landing. Guide rails shall withstand the application of the safety when stopping a fully loaded car or the counterweight. The guiding surfaces of the guide rails for elevators requiring safeties shall be finished smooth. Guide rails shall be "bottomed" on suitable supports and extended at the top to prevent guide shoes running off in case the overtravel is exceeded.

4.5.2. Car and Counterweight Buffers.

Car buffers of the spring type or their equivalent shall be installed in the pits of passenger elevators.

Buffers shall be located symmetrically with reference to the center of the car.

4.5.3. Counterweights.

Counterweights shall run in guide rails and shall not be boxed unless incombustible material is used.

Sections of counterweights for passenger elevators, whether carried in frames or otherwise, shall be secured by at least two tie-rods passing through holes in the section. The tie-rods shall have lock nuts at each end. The lock nuts shall be secured by cotter pins.

4.6. Machines and Suspension Members.

4.6.1. Machines and Machinery.

4.6.1.1. Brakes Required.

Elevators shall be equipped with a hand brake operating in both directions of motion or a combined automatic brake and speed retarder operating in both directions of motion (except when motive power is derived through use of a self-locking or non-overhauling worm gear drive).

4.6.1.2. Factors of Safety.

The factors of safety based on the static loads to be used in designing parts of hoisting machines shall be at least eight for wrought iron or steel and ten for cast iron or other materials.

4.6.1.3. Set Screw Fastenings.

The use of set screw fastenings instead of keys or pins is forbidden (except where the connection is not subject to torque).

4.6.1.4. Suspension of Sheaves or Idlers.

The suspension of sheaves or idlers in cast iron stirrups from the under side of the supporting beams is forbidden.

4.6.1.5. Conversion to Power Elevator Forbidden.

Equipping a hand power elevator machine with any means or attachment for applying any other power is forbidden, unless such elevator is permanently and completely converted into a power elevator complying with the requirements for power elevators.

4.6.1.6. Rope Gripping Attachments or Clutch Mechanisms.

The application of power to hand elevators by means of rope gripping attachments or clutch mechanisms is forbidden.

4.6.2. Suspension Members.

4.6.2.1. Suspension Fastening Tag.

A metal tag shall be attached to the suspension fastenings stating the sizes, rated ultimate strength and material of the suspension and the date of its installation.

4.6.2.2. Suspension Members and Factor of Safety.

The number of suspension members for both

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car and counterweight shall be at least two. Suspension members shall be of iron, steel or marine covered.

The factor of safety used in determining the size of the suspension member shall be at least five, based on the weight of the car and its contract load.

4.6.2.3. Adjustment of Suspension Members.

Suspension members shall be so adjusted that either the car or the counterweight shall bottom before the counterweight or the car strikes any part of the overhead structure.

4.6.2.4. Securing of Suspension Members.

Suspension members secured to a winding drum shall have at least one complete turn of the suspension member around the winding drum when the car or counterweight has reached the extreme limit of its overtravel.

The drum end of cables shall be secured by clamps or sockets inside the drum.

4.6.2.5. Platform Elevators.

Platform elevators shall not be used for passenger service or for a travel of over 15 feet and shall not have a platform area greater than 50 square feet.

RULE 5. DUMBWAITERS

5.1. Hoistway Construction.

5.1.1. Fire Resistive Hoistway Enclosures.

5.1.1.1. Hoistways to Be Fire Resistive.

Hoistway enclosures of dumbwaiters shall comply with Section 373 of Article 18 of Chapter 5 of the Code of Ordinances and, in factory buildings, with Title 3, Sections 261 and 270 of the Labor Law (except dumbwaiters the travel of which does not exceed one story).

5.1.1.2. Landing Openings to Be Protected.

Landing openings in a fire resistive hoistway enclosure shall be provided with fire resistive doors, panels or fronts which comply with Section 373 of Article 18 of Chapter 5 of the Code of Ordinances, and, in factory buildings, with Title 3, Sections 261 and 270 of the Labor Law.

5.1.2. Use of Non-Fire Resistive Hoistway Enclosures.

5.1.2.1. Non-Fire Resistive Enclosures.

Non-fire resistive hoistway enclosures shall be permitted only for dumbwaiters the travel of which does not exceed one story. Where non-fire resistive enclosures are permitted, hoistways for power dumbwaiters shall be enclosed to the full height of the hoistway (except on the sides used for loading or unloading).

5.1.2.2. Enclosure of Hoistway Sides Used for Loading and Unloading.

The hoistways of power dumbwaiters shall be enclosed from floor to ceiling (except for the landing opening).

5.1.2.3. Materials for Enclosures.

Enclosures shall be building walls, solid or latticed partitions, of incombustible material, grillwork, metal grating, expanded metal or fireproofed wood. Where grillwork is used, the wire shall be at least 0.0915 inches in diameter (Number 13 Steel Wire Gage) and the maximum size of mesh shall be 2 inches. Where expanded metal is used its minimum thickness shall be 0.094 inches (Number 13 United States Gage).

The maximum spacing between vertical bars shall be 1 inch.

5.1.2.4. Netting Required on Enclosures.

When either of the following conditions exists, openings in the enclosures shall be covered with a netting of square mesh $\frac{1}{2}$ inch or less in size made of wire at least 0.0348 inches in diameter (Number 20 Steel Wire Gage):

1. The clearance between the enclosure and any part of the car, counterweight or any sliding landing door is less than 1 inch.
2. The enclosure is grill or open work having openings which will pass a $\frac{1}{2}$ inch diameter ball, and the openings in the enclosure are less than 6 feet above any landing, stairway, floor or platform.

5.1.3. Supports and Factors of Safety.

5.1.3.1. Machine Supports.

Machinery and sheaves shall be so supported and held as effectually to prevent any part from becoming displaced. The supporting beams shall be of steel or reinforced concrete (except that where the travel does not exceed four floors or 50 feet, wood beams may be used). Beams are not required under machinery supported on independent foundations or on the floor of the machine rooms, if such foundation or floor is properly constructed to support the loads.

5.1.3.2. Loads on Supports.

Loads on overhead beams and their supports shall be computed as follows:

The total load on overhead beams shall be assumed as equal to the weight of all apparatus resting on the beams plus twice the maximum load suspended from the beams.

The load resting on the beams shall include the complete weights of machine, sheaves, controller (if used) and similar equipment. The load suspended from the beams shall include the sum of the tensions of all cables suspended from the beams.

5.1.3.3. Factors of Safety.

The factor of safety for overhead beams and their immediate supporting beams, based on the ultimate strength of the material which, if of steel, shall conform to the standard specifications of the American Society for Testing Materials, Designation A 7-29, the loads being assumed as in 5.1.3.2, *Loads on Supports*, shall be at least the following:

For steel.....	4
For reinforced concrete.....	7
For timber.....	9

5.1.4. Thoroughfares Under Dumbwaiters and Their Counterweights.

Thoroughfares under hoistways of dumbwaiters or their counterweights are forbidden unless there is a structure under the hoistway sufficiently strong to withstand, without injury, the impact of the car with contract load, or the impact of the counterweight, when either is dropped freely in its guides from the upper limit of overtravel; provided that, for cars or counterweights equipped with governor operated safeties, the impact shall be computed for governor tripping speed.

When broken rope safeties are used, the impact shall be computed for a free drop of the car from one-third of its travel.

5.1.5. Counterweight Runway Enclosures.

Runways for counterweights located outside of the dumbwaiter hoistway shall be solidly enclosed throughout their height (except that when the runway is located outside of the structure it shall be enclosed to a height of at least 7 feet from the ground).

5.1.6. Cable Enclosures.

Where cables of power dumbwaiters pass through floors outside the hoistway enclosures, such cables shall

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be guarded to a height of at least 6 feet from each floor with a standard power transmission guard. Floor openings shall be not greater than necessary for the free passage of the cables.

5.2. Landings.

5.2.1. Doors at Dumbwaiter Landings.

5.2.1.1. Doors Required on Dumbwaiter Landing Openings.

Landing openings in power dumbwaiter enclosures and in fire resistive enclosures for hand power dumbwaiters shall be equipped with doors.

5.2.1.2. Doors at Power Dumbwaiter Landings.

Hoistway doors for power dumbwaiters shall be equipped with electric contacts and locks which will prevent the operation of the machine while any hoistway door is open and prevent the opening of the door unless the car is at a landing.

5.3. Dumbwaiter Construction.

5.3.1. Car Construction.

5.3.1.1. Strength and Stiffness.

Dumbwaiter cars shall be of such strength and stiffness that they will not deform appreciably if the load leans or falls against the sides of the car.

5.3.1.2. Materials and Construction.

Cars shall be made of wood, fireproofed wood or metal, reinforced at the point of suspension.

Metal cars, if sectional, shall be rigidly riveted, welded or bolted together. Cars may be provided with hinged, removable or movable shelves and, also, may have such other sectional parts as are desired.

5.3.1.3. Allowable Loads.

Dumbwaiter cars, machines and suspension means shall at least be capable of sustaining the contract load.

Cars having a platform area of 4 square feet or more shall be capable of sustaining the loads given in the following table, but the motive power may be insufficient to raise the structural capacity load:

Minimum Allowable Dumbwaiter Capacities Corresponding to Effective Platform Area Horizontal Area in Square Feet	Structural Capacity in Pounds
4	100
5	150
6.25	300
9	500

5.3.1.4. Information Plate.

A metal plate bearing the name of the manufacturer and the contract load shall be placed in a conspicuous place in the dumbwaiter car and on the machine.

5.3.2. Dumbwaiter Machines.

5.3.2.1. Fastenings and Factors of Safety.

Dumbwaiter machines shall be securely fastened to their supports. The factors of safety, based upon the ultimate strength of the material, and the contract load plus the weight of the car, suspension means, counterweights, and similar apparatus to be used in the design of dumbwaiter machines shall be at least six for steel and nine for cast iron or other materials. The use of set screw fastenings in place of keys or pins is forbidden (except where the connection is not subject to torque).

5.3.2.2. Suspension of Sheaves or Idlers.

The suspension of sheaves or idlers in cast iron stirrups from the under side of the supporting beam is forbidden.

5.3.3. Guides.

5.3.3.1. Material for Guides.

Guides shall be of wood or metal (except that metal guides shall be used where the travel exceeds four floors or 50 feet and in structures over 150 feet tall).

5.3.3.2. Fastenings and Joints of Guides.

Guides shall be rigidly secured to the hoistway and the joints of metal guides either tongued and grooved or doweled and fitted with splice plates. Joints in wood guides shall be tongued and grooved or doweled and screwed to backing pieces or brackets.

One set of guides may be used for both the car and the counterweight.

5.3.4. Counterweights.

Counterweights for hand dumbwaiters and for power dumbwaiters with a contract load of less than 100 pounds and a contract speed of less than 100 feet per minute, if sectional, shall be carried in suitable frames.

Sections of counterweights for power dumbwaiters having a capacity exceeding 100 pounds or a speed exceeding 100 feet per minute, shall be secured by at least two tie-rods passing through holes in all sections, unless suitable counterweight frames or boxes are provided. The tie-rods shall have lock nuts at each end. The lock nuts shall be secured by cotter pins.

5.3.5. Suspension Means.

5.3.5.1. Required Suspension Means.

Suspension means for hand dumbwaiters may be of hemp.

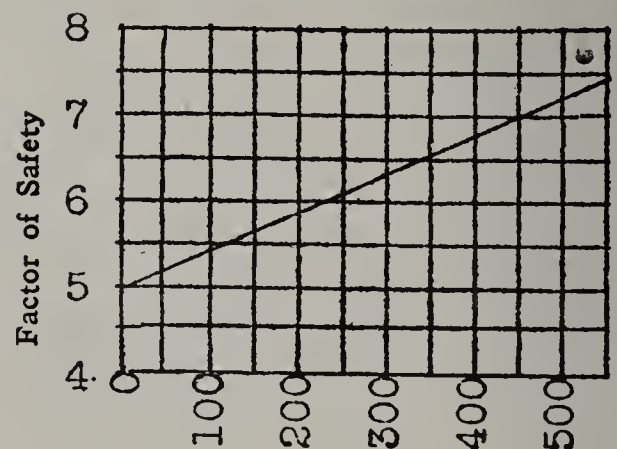
Suspension means for power dumbwaiters shall be of metal and where exposed to corrosion shall be provided with a suitable protective covering. Suspension means may consist of a single member.

5.3.5.2. Factor of Safety.

The minimum factor of safety of the suspension means for power dumbwaiters shall be at least the values given in the following figure corresponding to the contract speed of the car.

The minimum factor of safety of suspension means for hand power dumbwaiters shall be five.

The minimum factor of safety for tapes shall be 25 per cent greater than that given in the following figure:



Contract Speed (Feet per Minute)

FIG. 7. FACTOR OF SAFETY

5.3.5.3. Number and Size of and Computed Load on Suspension Means.

The number and size of the suspension means shall be determined by using the factor of safety found in 5.3.5.2, *Factor of Safety*, and the rated ultimate strength of the suspension means. The computed load on the suspension means shall be

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the sum of all suspended weights, plus the contract load.

5.3.5.4. Lengthening or Repairing of Suspension Means by Splicing Forbidden.

Lengthening or repairing the car or counterweight suspension means of dumbwaiters by splicing is forbidden.

5.3.5.5. Securing of Winding Drum Ends of Suspension Means.

The winding drum ends of the car and counterweight suspension means shall be secured by clamps or sockets inside the winding drum.

Suspension means secured to a winding drum shall have at least one turn on the winding drum when the car or counterweight has reached the extreme limit of its overtravel.

5.4. Speed, Control and Safeties for Power Dumbwaiters.

5.4.1. Speed and Control.

5.4.1.1. Maximum Speed for Dumbwaiters Controlled by Hand Ropes.

The maximum permissible speed for power dumbwaiters controlled by hand ropes shall be 50 feet per minute.

5.4.1.2. Guards Required.

Guards which will keep the ropes on the sheaves shall be installed unless means are used to maintain the hand ropes in proper tension automatically.

5.4.1.3. Brakes Required.

Power dumbwaiters (except hydraulic dumbwaiters) shall be equipped with brakes which are automatically applied when the power is cut off the motor.

5.4.2. Slack Cable Devices Required.

Power dumbwaiters operated by winding drum machines, shall be provided with a slack cable device which will cut off the power and stop the machine if the car is obstructed in its descent.

5.4.3. Terminal Stops.

Power dumbwaiters shall be provided with means, independent of manual operation, to stop the car automatically at each terminal within the limits of overtravel.

RULE 6. ESCALATORS

6.1. Escalator Construction.

6.1.1. Angle of Inclination.

The maximum angle of inclination of an escalator shall be 30 degrees from the horizontal.

6.1.2. Width of Escalators.

The width of an escalator shall be measured between the balustrading at a vertical height of 24 inches above the nose line of the treads.

Escalators shall be between 22 and 48 inches wide.

Escalators wider than 29 inches shall have a horizontal tread formation.

6.1.3. Balustrading.

6.1.3.1. Form and Changes in Width of Balustrade.

Escalators shall be provided on each side with "solid balustrading." On the escalator side the balustrading shall be smooth, without depressed or raised paneling or molding. Glass panels in balustrading are forbidden.

Abrupt changes in the width between the balustrading on the 2 sides of the escalator are forbidden. Should any change in the width be necessary, the maximum change shall be 8 per cent of the greatest width.

In changing from the greater to the smaller

width the maximum change in the direction of the balustrading shall be 15 degrees from the line of the escalator travel.

6.1.3.2. Handrail Required.

Each balustrading shall be equipped with a handrail moving at the same speed and in the same direction as the travel of the escalator.

6.1.4. Treads and Landings.

Escalator treads and landings shall be of material affording secure foothold such as wood and material used for "safety treads." If the landing is of concrete, it shall have edge insertions of metal, wood or other material to prevent slipping.

6.1.5. Strength of Trusses or Girders.

6.1.5.1. Factor of Safety.

The factor of safety to be used in the design of escalator trusses or girders shall be at least 5, based on the static loads.

6.1.5.2. Design of Trusses or Girders.

The escalator truss or girders shall be so designed that it will safely retain the steps and running gear in case of failure of the track system to retain the running gear in its guides.

6.1.6. Track Arrangement.

The track arrangement shall be designed to prevent the displacement of the treads and running gear if the tread chain breaks.

6.1.7. Capacity and Loading.

The contract load on an escalator 24 inches or less in width shall be computed by the following formula:

$$\text{Contract load} = 110 A$$

The contract load on an escalator between 24 and 48 inches wide shall be computed by the following formula:

$$\text{Contract load} = 4.6 WA$$

In these formulae W is the width of the escalator in inches and A is the horizontal projected length in feet of the exposed treads. The contract load shall be expressed in pounds.

6.2. Safety Requirements for Escalators.

6.2.1. Limits of Safety.

The maximum permissible speed of an escalator measured along the angle of inclination shall be 125 feet per minute, (except that if the line of entrance and exit is not in the vertical plane of travel, the maximum permissible speed shall be 100 feet per minute).

6.2.2. Application of Power.

Escalators shall be driven by individual electric motors. Two or more escalators placed side by side and operated as a single unit may be driven by one motor.

Chains shall have a factor of safety of at least 10 (except where the chain is composed of cast steel links thoroughly annealed, when the factor of safety shall be at least 20).

6.2.3. Escalator Safeties.

6.2.3.1. Brakes Required.

Every escalator shall be provided with an electrically released, mechanically applied brake which shall stop the escalator automatically when the power is interrupted from any cause.

6.2.3.2. Emergency Stop Button or Switch.

An emergency stop button or other type of switch accessible to the public shall be conspicuously located at the top and bottom of each escalator landing.

The operation of either one of these buttons or switches shall open the power circuit, apply the brake and stop the escalator. It shall be impossible to start an escalator by means of these buttons or switches.

These buttons or switches shall be marked "ESCALATOR STOP BUTTON OR ESCALATOR STOP SWITCH."

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Where starting buttons or switches are accessible to the public they shall be either of the key-operated type or they shall be enclosed in a box provided with a lock and key.

6.2.3.3. Safety Mechanisms on Ascending and Reversible Escalators.

Escalators operating in the ascending direction shall be equipped with a safety mechanism so that in case of accidental reversal of the escalator the power shall be shut off, the brake applied and the escalator stopped. On a reversible escalator this safety mechanism shall be arranged to be inoperative when the escalator is descending and operative when the escalator is ascending.

6.2.3.4. Escalator Safety Mechanism Operative.

Escalators shall be provided with a safety mechanism which will open the power circuit, apply the brake and bring the escalator to a gradual stop, in case the speed exceeds the normal running speed by 40 per cent.

6.2.3.5. Safety Device to Operate When Tread Chains Break.

Escalators shall be provided with a safety device to open the power circuit, apply the machine brake, and bring the escalator to a gradual stop, in case the tread chain or chains break.

6.2.3.6. Retention of Tension Weights.

Where escalators are equipped with tightening devices operating by means of tension weights, provision shall be made to retain these weights in the escalator truss in case the weights should fall.

6.2.3.7. Polyphase Alternating Current Motors.

Each escalator operated by a polyphase alternating current motor shall be provided with a device which will prevent starting the motor while

- (1) The phase rotation is in the wrong direction, or
- (2) There is a failure of any phase.

6.2.4. Machine Room Lights and Access.

6.2.4.1. Lighting Required.

Suitable lights which can be lighted without passing over or reaching over any part of the machinery shall be provided in every escalator machine room.

6.2.4.2. Access to Interior of the Escalator.

Reasonable access to the interior of the escalator shall be provided for inspection and maintenance.

6.2.5. Marking of Escalators.

Each escalator shall be marked by the manufacturer with the contract load and speed for which that size and type has been tested and approved in accordance with 8.3, *Escalator Tests*. Such marking shall be accepted in lieu of actual load tests made on each escalator installation.

6.2.6. Tests and Approvals of Escalators.

Before any escalator of any contract load and type is put in service an escalator of the same load and type shall have been tested by the Commissioner either when installed in a structure or in the manufacturer's shop with contract loads on the basis of the engineering tests listed in 8.3, *Escalator Tests*.

Each escalator installation shall be tested in the field without load in accordance with 8.3, *Escalator Tests*.

RULE 7. INSPECTION, MAINTENANCE AND OPERATION

7.1. Inspection and Maintenance.

7.1.1. Responsibility.

7.1.1.1. Responsibility of Owner.

The owner shall be responsible for the safe operation and proper maintenance of the elevator, escalator or dumbwaiter after it has been put in service and has been approved by the Commissioner.

7.1.1.2. Responsibility for Inspection and Maintenance.

The owner or his duly appointed agent shall cause periodic inspections to be made and shall maintain all parts of the elevator, escalator or dumbwaiter installation in proper working order in accordance with these Rules.

7.1.2. Inspection.

At least quarterly hoistway doors, car gates, interlocks, contacts, control apparatus, controller, automatic stop, limit stops, car and counterweight cables, "safeties," guide rails, buffers, elevator machines and the lighting of the car and of the machine room, in passenger and freight elevator installations, shall be thoroughly inspected by the Commissioner.

At least once in 3 years plunger shoes, by-passes and piston rods of hydraulic elevators shall be exposed and thoroughly cleaned by the owner and inspected by the Commissioner.

At least once in 3 years pressure and discharge tanks of hydraulic elevators shall be thoroughly cleaned by the owner and internally inspected by the Commissioner.

Car safeties shall be periodically inspected to determine the condition of the sliding surfaces and the working parts. Tests of safeties shall be made at least once a year. Governor controlled safeties shall be tested at the lowest operating speed and with 50 per cent of the contract load. Broken rope instantaneous type safeties may be tested without load.

7.1.3. Maintenance.

Cables, guides and all parts of machinery shall be kept well lubricated. The oil in bearings and gear casings shall be renewed every 6 months.

Pressure tanks of hydraulic elevators shall be tested at least once every 3 years with hydrostatic pressure 50 per cent in excess of the maximum working pressure.

7.1.4. Care of Installation.

Elevator hoistways and pits shall be kept clean. Accumulation of rubbish in or use of elevator pits for storage is forbidden.

Material not a permanent part of the elevator equipment shall be kept off the top or cover of an elevator car.

Substitution of any wire or current carrying device for the proper fuse or circuit breaker in an elevator circuit is forbidden.

Freight elevators shall have legible signs posted in the car and at each landing prohibiting unauthorized persons from riding in or on the elevator car.

The water level in the pressure tank of a hydraulic elevator shall be maintained at 2/3 of the capacity of the tank.

7.2. Qualifications and Duties of Operators.

7.2.1. Qualifications of Operators.

Operators shall be at least 18 years of age, free from serious physical or mental defects and selected with consideration of their ability to perform their duties in a careful and competent manner.

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7.2.2. Training of Operators.

Sufficient previous experience or training under the direction of a competent instructor shall be required before a new operator is placed in charge of a passenger elevator.

7.2.3. Instructions to Operators.

Operators shall be instructed:

1. To be sure the control mechanism is in the "STOP" position before closing the service switch.
2. To report any defects promptly to the person in charge.
3. Not to make any repairs, adjustments or replacements.
4. To carry no passengers or freight while inspections, repairs or adjustments are in progress and to operate the car only in response to directions from the inspector or person in charge.
To move the car when anyone is in the pit or on top of the car only as they may direct.
5. Not to ride in the elevator nor allow others to ride while a safe or other heavy object in excess of the rated capacity of the elevator is being carried.
6. That the use of any hand elevator for carrying safes or other concentrated loads greater than the normal rated capacity of the elevator is forbidden.
7. That hoistway doors shall always be locked in the closed position and car doors or gates closed before the car is started.
8. To keep car gates or doors, if any, closed while running, and where no car gates or doors are provided to keep passengers away from the open edge of the car platform.
9. To limit the number of passengers to the rated capacity of the car and to prevent crowding.
10. Not to reverse the control suddenly, but to stop before reversing.
11. To move the control mechanism to the "STOP" position on approaching a terminal landing without waiting for the terminal stopping device to come into action.
12. To move the control mechanism to the "STOP" position and start the car in the usual manner upon return of the power, if the power goes off while the car is in motion.
13. To stay on the car if the car refuses to stop because the car will be stopped by the application of the safeties if it attains excessive speed of descent or by the automatic terminal stops at either end of the hoistway.
14. To call for the person in charge and to operate the machine only at his direction if the car should stop suddenly.
15. To return the control to the "STOP" position if the car fails to start. To remove part of the load and try the controller if the car is apparently overloaded. If the car fails, to return the controller to the "STOP" position and to notify the engineer or other qualified person.
16. To lock the hand-rope on hand-rope controlled cars before allowing freight to be loaded or unloaded.
17. To familiarize themselves with the emergency devices, understand their function and know how to operate them.
18. Never to leave the car in the ordinary course of operation nor leave the control mechanism operative, unless the landing door is closed and locked and the car gate or door is closed.
19. Always to leave a hydraulic elevator operated by a lever at the lower landing with the lever in the position for down motion.

7.3. Carrying of Freight or Passengers on Top of Elevator Cars.

The carrying of freight or passengers on top of elevator cars is forbidden.

RULE 8. TESTS AND APPROVALS

8.1. Tests of Interlocks.

Hoistway-door interlock devices shall be examined with respect to their proper performance of the prescribed functions at temperatures 100 degrees Fahrenheit (56 degrees Centigrade) above or below the temperature at which the device is adjusted. Where the functioning of any such device might be affected by a change of temperature, and coefficients of thermal expansion of the affected parts are known or measured, the effect of temperature may be computed and tests need not be carried out at more than one temperature.

For interlocks employing a single switch operated by wire or tape to protect several hoistway doors, the switch shall be marked with the physical properties of the wire or tape used, and the certificate of approval shall cover the allowable maximum length of tape or wire of a given material which may be used with the device.

Where the coefficient of expansion might adversely affect the performance of the interlock, the use of Invar or similar alloys with a low coefficient of expansion is recommended. The coefficient of expansion of Invar is approximately 1/28 that of steel.

Interlocks shall have electrical parts connected in series in a circuit in which 2 amperes is flowing from a source of 220 volts direct current. During the tests 8.1.1, *Endurance Test*; 8.1.3, *Tests in Moist Atmosphere*; and 8.1.4, *Tests Without Lubrication*, the electrical circuit shall be closed, but shall not be broken at the contact within the device on each cycle of operation.

A separate device shall be used in each of tests 8.1.1, *Endurance Test*; 8.1.3, *Tests in Moist Atmosphere*; and 8.1.4, *Tests Without Lubrication*.

8.1.1. Endurance Test.

The interlock device with initial lubrication and adjustment only shall complete 100,000 cycles of operation without failure of any kind and without evident indications of approaching failure. If an interlocking device is not a complete and separate unit for each hoistway door, but includes any part which is common to the interlock operation of more than one hoistway door, that portion of the device shall complete 400,000 additional cycles of operation (or a total of 500,000) without failure of any kind and without evident indication of approaching failure.

8.1.2. Current Interruption Test.

1,000 cycles of operation shall be performed by the device used in 8.1.1, *Endurance Test*, while making and breaking the circuit at the contact within the device with a resistance-loaded circuit.

8.1.3. Tests in Moist Atmosphere.

Preliminary to this test the device is to be given a wearing-in run of 10,000 cycles of operation fully lubricated. The interlocking device (except self-lubricating bearings and bearings of a type not requiring frequent replacement of lubricant) shall be taken apart and freed of lubricant by washing in gasoline. The device shall after reassembling be subjected continuously in a closed hoistway to an atmosphere saturated with a 3½ per cent solution of sodium chloride for 72 consecutive hours (being operated for only 10 consecutive cycles at the end of each of the first two 24-hour periods) and allowed to stand exposed to the air for an additional 24 hours, and shall not fail in a manner to create an unsafe condition.

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After having been lubricated it shall then without adjustment and without further attention complete 15,000 cycles of operation without failure of any kind.

8.1.4. Tests Without Lubrication.

Preliminary to this test the device is to be given a wearing-in run of 10,000 cycles of operation fully lubricated. The interlocking device shall then be taken apart and all bearings (except self-lubricating bearings and bearings of a type not requiring frequent replenishment of lubricant) freed of lubricant by washing in gasoline, and shall after reassembling without other attention than the usual initial adjustment (that is, without adjustment especially made to meet the conditions of this particular test) and without further attention, complete 25,000 cycles of operation without failure of any kind or without evident indication of approaching failure.

8.1.5. Misalignment Test.

The device shall operate successfully when the car has been displaced horizontally from its normal position;—that is, the one in which it was when the device was installed,—successively as follows:

- (1) In a direction perpendicular to the edge of the landing

Backward $\frac{1}{4}$ inch
Forward $\frac{1}{4}$ inch

- (2) In a direction parallel with the edge of the landing

To the right $\frac{1}{4}$ inch
To the left $\frac{1}{4}$ inch

For horizontal sliding doors the device shall operate successfully,

- (3) When the bottom of the hoistway door has been displaced horizontally from its normal position in a direction perpendicular to the edge of the landing

Backward $\frac{1}{4}$ inch
Forward $\frac{1}{4}$ inch

- (4) When the top of the hoistway door has been displaced horizontally from its normal position in a direction perpendicular to the edge of the landing

Backward $\frac{1}{8}$ inch
Forward $\frac{1}{8}$ inch

8.1.6. Insulation Test.

Insulation of electrical parts shall be tested with a 60 cycle effective voltage twice the rated voltage plus 1,000 volts, applied for one minute.

8.2. Tests of Buffers.

Each type and size of oil buffer shall be subjected to the following tests as described below:

1. Retardation Test.
2. Oil Leakage Test.
3. Churning Test.
4. Plunger-Return Test.
5. Test for Lateral Movement of Plunger.

8.2.1. Retardation Test.

The buffer shall be installed upon a suitable foundation so that the axis of the cylinder is vertical. It shall be filled with oil provided by the manufacturer.

An elevator car of suitable size shall be dropped from 2 different heights as specified below, freely in its guides, upon the buffer. The method shall be as follows:

The travel of the car after it comes in contact with the plunger, and of the plunger for its entire stroke, shall be recorded on a drum chronograph. The error in the time readings of the chronograph shall not exceed 0.005 seconds. The peripheral speed of the drum shall be approximately that of the car at the instant of impact. Pressure-travel or pressure-time records shall be taken simultaneously.

From the time-travel curve the velocity and the retardation of the car shall be computed, and plots made of the car travel, car velocity and car retardations, together with the pressure-time curve. Copies of each curve shall be furnished the manufacturer.

SCHEDULE OF DROPS

Test drop in inches bottom of car to striker or top of buffer.	Total load in pounds (weight of car plus loading).
A S (the effective stroke of the buffer in inches).	1. Manufacturer's rated minimum. 2. Manufacturer's rated maximum. 3. 110 per cent manufacturer's rated maximum.
B Buffer stroke under 24 inches..... .51S 24 inches to 30 inches56S Exceeding 30 inches .64S	1. Manufacturer's rated minimum. 2. Manufacturer's rated maximum. 3. 110 per cent manufacturer's rated maximum.

No acceleration peak having a duration greater than $\frac{1}{25}$ second shall exceed $2\frac{1}{2}$ times gravity ($80\frac{1}{2}$ feet per second per second) for tests A-1 and A-2 and B-1 and B-2. Results of A-3 and B-3 shall be recorded for the purpose of examination to detect any abnormal performance. Upon completion of tests no part of the buffer shall show any deformation or injury.

8.2.2. Oil Leakage Test.

The oil leakage test shall be made simultaneously with the retardation tests. The oil level in the buffer when filled prior to test shall be carefully marked. At the completion of the 6 drops (3 different loads at each of 2 speeds), the buffer shall be allowed to stand one-half hour to permit the return of the oil to the reservoir and to permit the escape of any entrained air, after which the oil level shall again be measured. The oil level at the completion of these tests should be unchanged, and shall in any case be less than $\frac{1}{16}$ inch lower than the level at the start of the test for each foot of buffer stroke.

8.2.3. Churning Test.

In the churning test the time of the buffer stroke after the car has dropped a distance equivalent to the stroke of the buffer shall be determined either from the chronograph record or by means of an automatic timer. Any automatic timing device shall be accurate, having the minimum possible lag, and be capable of being read to 0.01 seconds.

The car shall then be run on to the buffer with cables attached at approximately one-half the velocity used in retardation test B at intervals of one minute until 10 such strokes have been made. The oil shall then be examined for form. No oil foam shall appear on the outside of the buffer following this test. Upon completion of the 10 strokes at one-half speed another free-fall equivalent to the buffer stroke shall be made immediately and the time of the stroke taken. The time of this second free-fall test shall be at least 75 per cent of that of the drop test made prior to the churning.

8.2.4. Plunger-Return Test.

In the buffer test the buffer shall not stick on the return stroke after removal of the load. In case of sticking the manufacturer shall submit either a duplicate buffer

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or a new pressure cylinder and piston upon which equipment a second test shall be run. If sticking again results, the buffer shall be rejected.

8.2.5. Test for Lateral Movement of the Plunger.

With the buffer casing clamped or otherwise securely fastened to a firm base the lateral movement of the top of the plunger shall be accurately measured, the plunger head being moved from its extreme right to the extreme left in a vertical plane. This total movement shall be divided by 2 to determine the movement from the vertical position. The maximum permissible movement from the vertical shall be 1/16 inch per foot of buffer stroke.

8.3. Escalator Tests.

Each size and type of escalator shall be subjected to the following tests with contract load:

8.3.1. Speed Tests.

The application of the overspeed safety device shall be obtained by causing the escalator to travel at the governor

tripping speed as specified in 6.2.3.4, *Escalator Safety Mechanism Operative*. With escalators driven by alternating current motors the governor may be tripped by hand with the escalator traveling at its normal rate of speed.

8.3.2. Reversal Tests.

The application of the reversal safety device required by 6.2.3.3, *Safety Mechanisms on Ascending and Reversible Escalators*, shall be made by releasing the machine brake and operating the escalator by hand in the reverse direction.

8.3.3. Broken Chain Tests.

The application of the broken chain safety device required by 6.2.3.3, *Safety Mechanisms on Ascending and Reversible Escalators*, shall be obtained by operating the safety by hand.

8.3.4. Miscellaneous Safety Devices.

Tests of the machine brake and emergency stop buttons or switches shall be made to determine whether they function properly.

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Monroe Oil Pump	658-26-SA
Beach Russ Co. Rotary	1134-22-SA	Northern Rotary	1396-24-SA
Blackmer Rotary	935-24-SA	Pascoe Pump Set	1029-26-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Century Rotary	908-21-SA	Quiet May Gerotor Pump	267-32-SA
Cook Electric Oil Pump	603-25-SA	Quimby Screw Pump	1193-21-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2½:5 concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

231-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
- 443-26-SA—American Anti-Syphon Valve.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 592-32-SA—Ameroil Oil Burner for Stoves and Ranges.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 126-33-SA—Tower Range Oil Burner.
- 162-33-SA—Elkhart Combination Pressure Reducer and Hose Valve.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 349-33-SA—Herco Oil Burner.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 92-34-SA—Autocall Interior Fire Alarm Signal Systems.
- 125-34-SA—American Oil Burner.
- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

- 165-34-SA—Rose Oil Heater.
- 203-34-SA—King Oil Burner.
- 205-34-SA—Automatic Firetox Extinguisher.
- 224-34-SA—Progressive Press Machine Oil Burner.
- 234-34-SA—Bland Range Oil Burner.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 302-34-SA—Loyalty Range Burner.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
- 357-34-SA—Moderne Range Oil Burner, Models Regular, Junior and Firenew.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 17-35-SA—Toridheet Oil Burner, Model G.
- 29-35-SA—Aetna Range Oil Burner.
- 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 54-35-SA—Putnam Range Oil Burner.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.
- 85-35-SA—Greenawalt Down Draft Combustion Oil Burning Furnace.
- 89-35-SA—Siphon-Proof Water Closet, Type "A".
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 98-35-SA—Heat King Oil Burner, Model 2.
- 99-35-SA—Kleen Heet Oil Burner, Type 902.
- 102-35-SA—Range-O-Matic Oil Pump, Pressure and Suction Model and Model 50.
- 108-35-SA—Concord Burner.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	16
Cases filed up to May 15, 1935	120	Dismissed	6
Restored to Calendar	42	Denied	44
		Granted	3
		Granted on condition	73
		Appliances approved	34
		Appliances dismissed, disapproved or withdrawn.....	3
		Rules approved	1
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	158	Requests to reopen granted	144
Requests to amend	75	Requests to reopen denied	5
Requests for modification	0	Requests to amend granted	75
Requests to rescind	0	Requests to amend denied	0
Requests for extension of time	24	Requests for modification granted	0
Requests for extension of permit	4	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	0
Requests for approval of plans	5	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	24
Requests for interpretation	0	Requests for extension of time denied	0
Total	591	Requests for extension of permit granted	4
Disposed of	446	Requests for extension of permit denied.....	0
Cases pending May 15, 1935	145	Requests to install granted.....	0
		Requests to install denied	0
		Plans approved	5
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	9
		Total	446

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be allowed to be hung up by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year MAY 28, 1935 Single Copies, 5 cents By mail, 8 cents No. 22

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, May 27, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, June 3, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

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Minutes of Regular Meeting, May 21, 1935, at 2 P. M.

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Reserve Calendar.

Approved Fireline Hose Valves.

Progress Report.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET

New Cases Filed up to May 22, 1935.

<i>Cal. No.</i>	<i>Department</i>	<i>Premises Affected</i>
129-35-A.....	F.D.....	1702 Shore boulevard, corner Oxford street (Oriental Beach Baths), (Block 7517, Lot 1460), Brooklyn,
		66267-L. C.
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		66266-L. C.
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126-35-BZ.....	D.B.Q.....	182-01 to 182-09 Hillside avenue and 87-23 to 87-31 182nd street, northeast corner (Block 996, Lot 1), Jamaica, Queens,
		Applic. 1165-35.
125-35-A.....	D.B.B.....	160 High street (Block 99, Lot 47), Brooklyn,
		Viol. 6289-34.
124-35-BZ.....	D.B.Q.....	243rd street and Jamaica avenue, northwest corner (Block 3865, Lot 90), Queens Village, Queens,
		Applic. 1255-35.
123-35-SA.....	F.D.....	National Airoil Safety Tank Valve,
		Appliance.
122-35-SA.....	F.D.....	Midget Pressing Machine Oil Burner, Model P,
		Appliance.
121-35-SA.....	F.D.....	Timken Silent Automatic Water Heater, Models 40-A and 50-B,
		Appliance.

Restored to Calendar.

99-33-BZ.....	D.B.B.....	3068-3074 Ocean Parkway, west side, 283 ft. 7 in. north of Sea Breeze avenue (Block 7282, part of Lot 57 and part of Lot 60), Brooklyn,
		Applic. 644-33.
533-28-BZ.....	D.B.Bx...	2255-2291 Grand Concourse, west side 93 ft. south of East 183rd street, (Block 3163, Lots 26 to 32 inclusive), The Bronx.
		N. B. 108-35.
72-35-A.....	D.B.M....	181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block 1180, Lots 25, 26, 27, 28, 29 and 37), Manhattan,
		N. B. 173-34.

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H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
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* * *

Matter of Jacob Morgenthaler—Oct. 30, 1934, Board denied gas station in business district under section 21, Cal. No. 227-34-BZ; Premises S. E. corner Queens blvd. and 51st ave., Elmhurst, Queens. Mr. Justice Steinbrinck reversed Board to the extent of granting a limited permit along the lines of the St. Albans-Springfield case. (N. Y. L. J. May 16, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, MAY 27, 1935, AT 2 P. M.

Building Zone Cases.

257-33-BZ.
APPLICANT—Alfred H. Eccles, for Oliver Holding Corp., owner.
PREMISES—41-22 to 41-48 46th street, west side, 100 ft. north of 43rd avenue and 41-23 to 41-47 45th street (Block No. 156, Lot Nos. 5 and 31), Woodside, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution, (reopened May 22, 1934).
TO PERMIT in a residence district the maintenance of an open air parking space and a small office building.

492-29-BZ.
APPLICANT—Charles Schaefer, Jr., for Theobold Bros. Corporation, owner.
PREMISES—2183-2185 Grand Concourse, west side, 154.94 ft. south of East 182nd street (Block No. 3162, Lot No. 30), The Bronx.

CALENDAR

APPLICATION, under section 21 of the building zone resolution, (reopened December 11, 1934),

TO PERMIT in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores).

61-35-BZ.

APPLICANT—W. H. Harrington, for Jos. L. Fries Co., Inc., owner.

PREMISES—307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

MAY 28, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, May 28, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 340-23-BZ—Application of Clarence F. Kaltenbach, owner, reopened November 20, 1934, under section 21 of the building zone resolution, to permit in a business district the alteration and conversion of a portion of a garage (previously granted by the board) so as to extend an existing gasoline service station; premises 888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Brooklyn.

CAL. NO. 73-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of Max Hausle, applicant, on behalf of Mary Entenmann, owner, to permit in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop; premises 1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

CAL. NO. 352-32-BZ—Application of David S. Lang, on behalf of Max Goldman, owner reopened February 13, 1935, under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (previously granted by the Board for a temporary period—the temporary period has expired); premises 3305-3311 Boston road and 1152 East 211th street, southwest corner (Block No. 4705, Lot Nos. 62-65), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

MAY 28, 1935, 2 P. M.

Appeals from Administrative Orders.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

33-35-A—134-27 218th street (Block No. 3590, Lot No. 13), Springfield, Borough of Queens.

Appliances Submitted for Approval

118-35-SA—Hayward Oil Burner, Model 1500.

121-35-SA—Timken Silent Automatic Water Heater, Models 40-A and 50-B.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, May 28, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 53-31-BZ—Application of Isaac T. Flatto, owner, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period); premises 301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, Lot No. 63 and part of Lot Nos. 62 and 64), The Bronx.

CAL. NO. 50-35-BZ—Application, February 21, 1935, under section 21 of the building zone resolution, of August Staiano, applicant, on behalf of Francis G. Hooley and Sara Wilson, owners, to permit on a plot extending from a business district into a residence district the erection and maintenance of a gasoline service station on the business part of the plot; premises 1264 Castleton avenue, south side, 272.09' east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Richmond.

CAL. NO. 92-31-BZ—Application of Abraham N. Horwitz, on behalf of Sarah Raskin and Yetta Raskin, owners, reopened February 13, 1935, under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the Board for a temporary period; denied by the Board for a permanent maintenance and referred back to the Board by the court); premises 8401-8411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

CAL. NO. 56-35-BZ—Application, March 2, 1935, under section 21 of the building zone resolution, of Landi & Landi, applicants, on behalf of Diego Aiello, owner, to permit on a plot of ground located in a business dis-

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strict the erection and maintenance of a motor vehicle repair shop and, also, the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles; premises 13-21 Truxton street, north side, 100 feet west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

CAL. NO. 59-35-BZ—Application, March 7, 1935, under section 21 of the building zone resolution, of William W. Knowles, applicant, on behalf of William L. Savacool, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens.

CAL. NO. 71-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of John Krupski, applicant and owner, to permit in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehicle; premises 147-15 Brinkerhoff avenue, north side, 100 feet east of Liverpool street (Block No. 2725, Lot Nos. 412 and 414), Jamaica, Borough of Queens.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, JUNE 3, 1935, AT 2 P. M.

Building Zone Cases.

27-35-BZ.

APPLICANT—John J. Dunnigan, for Bertha Schrank, owner.

PREMISES—3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station.

431-31-BZ.

APPLICANT—Anna Segall, owner.

PREMISES—2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362, Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

110-35-BZ.

APPLICANT—Scacchetti & Siegel, for 2210 Grand Concourse, Inc., owner.

PREMISES—2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

510-32-BZ.

APPLICANT—Arthur W. Renander, for Hermine Weber, owner.

PREMISES—135-15 to 135-23 Rockaway boulevard and 120-32 to 120-38 Van Wyck boulevard, northwest corner (Block No. 2558, Lot Nos. 1 and 3), South Ozone Park, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution, (reopened May 15, 1934),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

JUNE 4, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 4, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 74-35-BZ—Application, March 15, 1935, under section 21 of the building zone resolution, of Charles B. Meyers, applicant, on behalf of Zex Realty Corp., owner, to permit in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station; premises 2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 4), Brooklyn.

CAL. NO. 82-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Benjamin Millstein, applicant, on behalf of Millie Siegel, owner, to permit in a residence district the alteration and change of occupancy of part of an apartment house to business use; premises 210 West 88th street (Block No. 1236, Lot No. 41), Manhattan.

CAL. NO. 83-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Benjamin Millstein, applicant, on behalf of Millie Siegel, owner, to permit in a residence district the alteration and

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change of occupancy of part of two (2) apartment houses to business use; premises 204 and 206 West 88th street (Block No. 1236, Lot Nos. 38 and 39), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

JUNE 4, 1935, 2 P. M.

Appeals from Administrative Orders.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, June 4 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 222-34-BZ—Application, August 2, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Meyer Werman, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board October 30, 1934; restored to active Calendar May 14, 1935); premises southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, JUNE 10, 1935, AT 2 P. M.

Building Zone Cases.

86-35-BZ.

APPLICANT—Elias K. Herzog, for Frances Foster, owner. PREMISES—1750 Davidson avenue, southeast corner of West 176th street (Block No. 2861, Lot Nos. 67 and 69), The Bronx.

Application, under section 21 of the building zone resolution, TO PERMIT in a residence district the alteration and change of occupancy of part of a multiple dwelling to business use (stores).

103-35-BZ.

APPLICANT—Michael Levine, for Angelo Dell Abate and Louis Piccola, owners.

PREMISES—5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33), Brooklyn.

Application, under section 21 of the building zone resolution, TO PERMIT in a business district the erection and maintenance of a gasoline service station.

106-35-BZ.

APPLICANT—Fertig, Walter and Gottesman, for Michael Tuch, owner.

PREMISES—153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

Application, under section 21 of the building zone resolution, TO PERMIT in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.).

115-35-BZ.

APPLICANT—Eugene De Rosa, for Amsterdam Apartments, Inc., owner.

PREMISES—361-363 West 23rd street, north side, 150 ft. 1 1-8 in. east of 9th avenue and between 346-348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

Application, under sections 7c and 21 of the building zone resolution.

TO PERMIT partly in a business district and partly in a residence district, the erection and maintenance of a building to be used as a motion picture theatre, stores and offices.

567-32-BZ.

APPLICANT—Raymond B. Stringham, for A. C. & H. M. Hall Realty Company, owner.

PREMISES—3320-3338 Broadway, east side, from West 134th to West 135th streets (Block No. 1988, Lot No. 1), Manhattan.

Application, under section 21 of the building zone resolution (reopened May 14, 1935),

TO PERMIT the amendment of a resolution, granting in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles, so as to include an additional vehicular driveway and also, the alteration and change of occupancy of part of said garage to include a gasoline service station.

JUNE 11, 1935, 2 P. M.

Appeal from Administrative Order

72-35-A—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon*, June 11, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 915-19-BZ—Application of Jacob Feld, on behalf of Paul Viane, owner, reopened May 14, 1935, to permit the connection by vehicular opening protected by fire door, of a garage for more than five (5) motor vehicles in a business use district,

CALENDAR

granted by the Board under Section 7e of the building zone resolution on December 18, 1919, with a garage for more than five (5) motor vehicles in an unrestricted use district; premises 685-691 Lenox avenue, northwest corner of West 144th street and 104-106 West 145th street (Block No. 2013, Lot Nos. 29 and 37), Manhattan.

CAL. NO. 80-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Kavy and Kavovitt, Inc. applicants, on behalf of Sophia A. Seidman and Estate of Sarah Newland, owners, to permit on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements; premises 1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

CAL. NO. 441-31-BZ—Application, September 9, 1931, under section 7f of the building zone resolution, of Michael Giventer, applicant, on behalf of Isidor Popkin, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board March 29, 1932; restored to active Calendar April 30, 1935); premises

7702-7704 Flatlands avenue, southeast corner of East 77th street (Block No. 8014, Lot No. 1), Brooklyn.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

CAL. NO. 99-33-BZ—Application of Seelig and Finkelstein, Inc., on behalf of New York Rapid Transit Corporation, owner, reopened May 21, 1935, under section 21 of the building zone resolution, for consideration as to the extension of time of permit re Application, granted on certain conditions July 11, 1933, permitting in a business district the use and occupancy of a vacant plot of ground as an open air parking space for more than five (5) motor vehicles; premises 3068-3074 Ocean parkway, west side, 283 ft. 7 in. north of Sea Breeze avenue (Block No. 7282, part of Lot No. 57 and part of Lot No. 60), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, MAY 21, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

80-35-BZ.

APPLICANT—Kavy and Kavovitt, Inc., for Sophia A. Seidman and Estate of Sarah Newland, owners.

SUBJECT—Application (decision of the commissioners of buildings) under section 21 of the building zone resolution, to permit on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements.

PREMISES AFFECTED—1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

APPEARANCES—

For Applicant: George Flegenstein, Morris Kary, Max Hirsch, Joseph Stronwasser, Charles W. Roper.

For Opposition: Frank R. Rubel, C. B. Petchtle, T. M. Merritt.

ACTION OF BOARD—Laid over to June 11, 1935, at 2 p. m., for report of committee on inspection. No further argument.

441-31-BZ.

APPLICANT—Michael Giventer, for Isidore Popkin, owner.

SUBJECT—Application (re decision of the superintendent of buildings) under section 7f of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously laid over for a full vote of the board; restored to active calendar April 30, 1935).

PREMISES AFFECTED—7702-7704 Flatlands avenue, southeast corner of East 77th street (Block No. 8014, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Michael Giventer.

For Opposition: Morris Berger, Josephine Carrao, Salvatore Carrao, Charles D. Baker.

ACTION OF BOARD—Laid over to June 11, 1935, at 2 p. m., for further consideration by the board. No further argument.

26-35-BZ.

APPLICANT—John J. Dunnigan, for Hugh Cooney, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

APPEARANCES—

For Applicant: John J. Dunnigan, Joseph Dusenbury, Hugh Cooney.

For Opposition: Harry Baer, Lewis F. X. Cotignola, George Friton, Russel McKee, William I. McManuss, Maurice Horgan.

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ACTION OF BOARD—Laid over to June 11, 1935, at 2 p. m., for report of committee on inspection. No further argument.

77-35-BZ.

APPLICANT—Philip Bardes, for Barilio Giovannini, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7-B of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the alteration and change of occupancy of part of an existing building to a motor vehicle repair shop and, also, garage for more than five (5) motor vehicles.

PREMISES AFFECTED—16 Morton street, south side, 49 ft. 5¾ in. east of 7th avenue (Block No. 586, Lot No. 55), Manhattan.

APPEARANCES—

For Applicant: Philip Bardes.

For Opposition: Louis A. Jackson.

ACTION OF BOARD—Application granted on condition. THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(77-35-BZ)

WHEREAS, Philip Bardes, architect, for Barilio Giovannini, owner, filed March 21, 1935, an application under the building zone resolution to permit partly in a business district and partly in an unrestricted district the alteration and change of occupancy of part of an existing building to a motor vehicle repair shop, and also, garage for more than five (5) motor vehicles; premises: 16 Morton street, south side, 49 ft. 5¾ in. east of 7th avenue (Block No. 586, Lot No. 55), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 21, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 7th avenue is in an unrestricted district; Morton street is in an unrestricted, business and residence district; Leroy street is in a business and unre-

stricted district and Bleecker street is in a business and unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 7, 1935, re Alt. App. No. 35-35, reads:

"18. Occupancy of premises as a public garage and repair shop extending into a business district is contrary to the provisions of section 4A of Building Zone Resolution.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 25 ft. and a depth of 90 ft. A triangular shaped portion of the easterly rear of the building (having a base of approximately 25 ft. and an altitude of approximately 25 ft.) is in the business district—the remainder of the building is in the unrestricted district. The building is non-fireproof, 3 stories in height, 25 ft. by 90 ft. in area on 1st story and 25 ft. by 38 ft. 8 in. in area above. Proposes to occupy the 1st story as garage for more than 5 motor vehicles and auto repair shop and the upper stories for dwellings; and

WHEREAS, applicant at this meeting changed his basis of appeal to section 7, subdivision "b" instead of section 21; and

WHEREAS, the board deemed that in view of the fact that this plot and the building to be altered has been in the one ownership since prior to 1916, it was empowered to act under section 7, subdivision "b" of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 7-b, permitting the small triangular portion in the rear within the business area to be included in the plot and the building as proposed to be altered to be used for automobile repairing and for a garage for more than five (5) cars *on condition* that the ceiling of the garage shall be fire-retarded throughout in accordance with the Rules of the Board of Standards and Appeals; that skylights over the one-story garage portion shall be glazed with wire glass, with screens underneath; that the building shall otherwise comply in every respect to all laws, rules and regulations applicable thereto, and that the one story portion of the building within the business use area shall not be extended in height.

Adjourned, 12:45 p. m.

EDWARD V. BARTON, *Chief Clerk*.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, MAY 21, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, May 14, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, May 14, 1935, were approved as printed in Bulletin No. 21, Vol. XX.

BUILDING ZONE CASES

1068-27-BZ.

APPLICANT—Bernard Aronson, for Livia Pepe, owner.

SUBJECT—Application for reopening—reconsideration under new facts—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit in a residence district the maintenance of an existing building occupied on the basement story as a store and as dwellings above (previously denied).

PREMISES AFFECTED—124 Waverly place (Block No. 552, Lot No. 46), Manhattan.

APPEARANCES—

For Applicant:: None.

For Opposition: Handel.

ACTION OF BOARD—Request to reopen, withdrawn on written request.

THE VOTE TO WITHDRAW REQUEST TO RE-OPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

99-33-BZ.

APPLICANT—Seelig and Finkelstein, Inc., for New York Rapid Transit Corp., owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the superintendent of buildings) under section 21 of the building zone

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resolution, permitting in a business district the use and occupancy of a vacant plot of ground as an open-air parking space for more than five (5) motor vehicles for a temporary period.

PREMISES AFFECTED—3068-3074 Ocean parkway, west side, 283 ft. 7 in. north of Sea Breeze avenue (Block No. 7282, part of Lot No. 57 and part of Lot No. 60), Brooklyn.

APPEARANCES—

For Applicant: Harry Finkelstein.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing June 11, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Blum and Assistant Chief Kidney	3
Negative	0
Absent: Commissioner Savage	1

617-31-BZ.

APPLICANT—De Rose and Cavalieri, for Domenico Sabatino, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting, partly in a business district and partly in a residence district the erection and maintenance of a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—East side of Sedgwick avenue, 153.11 ft. south of West 169th street (Block No. 2530, Lot No. 32), The Bronx.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Request to reopen, withdrawn on written request.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

533-28-BZ.

APPLICANT—Eugene De Rosa, for 2291 Realty Corp., owner.

SUBJECT—Application for reopening—consideration under new proposition—re Application (decision of the commissioner of buildings) under sections 7c and 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be occupied for business purposes (theatre, stores and restaurant).

PREMISES AFFECTED—2255-2291 Grand Concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26 to 32 inclusive), The Bronx.

APPEARANCES—

For Applicant: Eugene De Rosa.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Blum and Assistant Chief Kidney	3
Negative	0
Absent: Commissioner Savage	1

42-34-BZ.

APPLICANT—Philip Finkelstein, for Emdee Management Corp., owner.

SUBJECT—Application reopened March 5, 1935, by order of the court, for reconsideration—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied).

PREMISES AFFECTED—389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Brooklyn.

APPEARANCES—

For Applicant: Philip Finkelstein, Jack Jacobson.

For Opposition: Joseph A. Shields.

ACTION OF BOARD—Action of the board of May 8, 1934, denying application, reaffirmed.

THE VOTE TO REAFFIRM ACTION OF THE BOARD OF MAY 8, 1934—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(42-34-BZ)

WHEREAS, Jack Jacobson, for Emdee Management, Inc., owner, filed, February 14, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 389-395 Empire boulevard, northeast corner of Clove road (Block No. 1309, Lot No. 130), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 8, 1934, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Empire boulevard is in a business district, Clove road is in a business district, Malbone street is in a business district and New York avenue is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 25, 1934, re: Applic. No. 570-1934, reads:

"Proposed gasoline service station to be located in a business use district is contrary to article 2, section 4a of zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 58 ft. 8 in. on Empire boulevard, 99 ft. 3 in. on Clove road and 61 ft. on Malbone street. Upon this plot are located two small one story buildings; a one story auto laundry 40 ft. by 14 ft. in area and also, several greasing lifts; it is proposed to install—on the Empire boulevard front of the plot—the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the Board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 42-34-BZ.

Premises: 389-395 Empire boulevard, northeast corner Clove road (Block No. 1309, Lot No. 130), Borough of Brooklyn.

The plot under appeal is located in a business district at the northeast corner of Empire boulevard and Clove road, extending through to Malbone street. Empire boulevard is a wide thoroughfare, Clove road is an old narrow paved road and Malbone street is an unsurfaced street. At present the premises under appeal are used for greasing and washing automobiles and the appeal is for a variance under section 21 to permit the sale of gasoline.

Twenty-eight objections from the adjacent property owners have been filed in opposition to the variance and also three consents, one only of which is adjacent, and this is from the adjoining owner to the east who operates an automobile accessory store with an auto-

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mobile machine shop in the rear with entrance on Malbone street.

The committee in inspecting this site and the adjoining section on May 3, 1934, inquired as to this adjoining consenting owner and were told that this was a separate enterprise with no connection with the plot under appeal, but it was apparent that, considering the nature of this consenter's business, anything that would tend to bring more automobiles to this point would be a benefit to him.

The committee is of the opinion that, even though the objections have been filed apparently because of the opposition stirred up by a neighboring gasoline station, which is there by right having been established in 1923, prior to the amendment prohibiting gasoline stations in business districts, the adjacent owners who have so objected have valid reasons for doing so and that an additional gasoline station is not only not needed, there being three existing stations on Empire boulevard within a distance of 800 feet, but because this one would still further depreciate property values. Furthermore, there have been no practical difficulties or unnecessary hardship shown other than the present shortage of business which was formerly profitable. The plot is now being used for what has been considered a conforming use and is just as available for a conforming building as the plot nearby at 436 New York avenue where, after the Board under calendar No. 1147-25-BZ granted a variance for a garage, a conforming use in the form of a six story apartment building was erected instead.

There have been several other cases before the Board in this area, but particular notice should be taken of one, namely, No. 834-28-BZ, which was an application for a zoning variance under section 21 to permit a gasoline station on the northwest corner of Empire boulevard and Clove road. After public hearing, this application was denied and in a later review by the Court the denial of the Board was upheld, the Court stating that no evidence was submitted by the petitioner to substantiate the claim that there was unnecessary hardship. In the application now before the Board there has been no substantiating proof to justify the variance being granted. The condition of this plot and the one previously before the Board across Clove road are quite similar. In fact, the present site because of its additional frontage on Malbone street is, if anything, more adaptable to conforming use.

The committee recommends denial.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended that the application be denied; and the Board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution; and

WHEREAS, the board affirmed the decision of the commissioner of buildings and denied the application at its meeting of May 8, 1934; and

WHEREAS, this application was remanded to the board by order of the court for further consideration and rehearing of evidence as to genuineness of objections filed; and

WHEREAS, full rehearing was so given in this case at the public hearings April 23, 1935, and May 21, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals and complete testimony given after investigation by both sides as to genuineness of objections, etc; and

WHEREAS, a committee of the board reinspected these premises and investigated objections report of which committee was read at the hearing of May 21, 1935, and which report follows:

REPORT OF COMMITTEE

Cal. No. 42-34-BZ.

Premises—389-395 Empire boulevard, northeast corner of Clove road (Block 1309, Lot 130), Borough of Brooklyn.

On May 8, 1934, the board denied an application for a zoning variance to permit a gasoline station on the plot at 389-395 Empire boulevard, northeast corner of Clove road. The report of the committee sets forth the reasons for the recommendation for denial. Upon court review Mr. Justice Lockwood directed the board to restore the case to the calendar for further hearing on the genuineness of the objections filed and for reconsideration of the entire record.

The case was duly restored to the calendar on March 5, 1935, and set for hearing on April 2, 1935, so as to permit publication in the Bulletin and on April 2, laid over to April 23, to permit the objectors to appear. On April 23, full consideration was given to each objection filed and report received from each side. As a result of this investigation, the committee finds nothing to justify a different conclusion than originally reached and recommends that the board reaffirm its action of May 8, 1934, in denying the application.

Since the case was reopened, the committee has again inspected the premises and the surrounding area on April 4, 1935, and noted the establishment of the playground across Clove road that was not in existence when the site was inspected on May 3, 1934.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, after this reinspection of the premises and rehearing of all the testimony, particularly as to genuineness of objections filed, a committee of the board recommended that the application be denied in reaffirmance of the previous action of the Board; and the board deemed that such action should be taken.

Resolved, that the board *reaffirm* its action of May 8, 1934, that the decision of the commissioner of buildings of January 25, 1934, be affirmed, and that the application be and it hereby is *denied*.

44-35-BZ.

APPLICANT—Kennedy & Ellner, for Henry A. Bonori, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

APPEARANCES—

For Applicant: Clarence Leventhal.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative: Assistant Chief Kidney 1

Absent 0

THE RESOLUTION—

(44-35-BZ)

WHEREAS, Kennedy & Ellner, for Henry A. Bonori, owner, filed February 18, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises: 46-03 Laurel Hill boulevard, northeast corner of 46th street

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(Block 2296, Lot No. 1), Woodside, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 21, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Laurel Hill boulevard is in a business district; 46th street is in residence and business districts and 47th street is in residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered February 1, 1935, (App. No. 1720-34), reads:

"The erection of a gasoline service station in a business district and extending partially into a residence district contrary to Art. 2, Secs. 3 and 4a, and 46, Building Zone Resolution.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 63.3 feet on Laurel Hill boulevard and 112 feet on 46th street—upon which it is proposed to erect a one story structure 28 ft. by 20 ft. in area to be used for office and auto laundry, grease pits and also the necessary tanks and pumps for a gasoline service station. A small irregular area at the northwest corner of the plot is in the residence district the remainder of the plot is in the business district; and

WHEREAS, the premises under appeal was the subject of an inspection and report by a committee of the board, report of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 44-35-BZ.

Premises—46-03 Laurel Hill boulevard, northeast corner of 46th street (Block 2296, Lot No. 1), Woodside, Queens.

The plot under appeal is at the northeast corner in an area zoned for business uses except for a small portion at the rear, which is in the residential area. Except for this plot and the corner diagonally opposite the entire area is built up or in use generally with private houses in the residential areas and business and residential buildings in the business areas except for a gasoline station opposite, established prior to the prohibition amendment of 1925, and the monumental works, one adjoining and one opposite. In this block front, taking both sides of Laurel Hill boulevard, the uses are mainly non-conforming. There are other monumental works east and west, all existing because of nearby Calvary Cemetery.

Prevailing real estate conditions show that rentals are depressed and several stores are vacant, and while present conditions are partly responsible, it appeared to the committee upon inspection on May 16, 1935, that there were underlying conditions to indicate that this plot cannot be developed for some time with a conforming use that would succeed. The existing non-conforming uses adjoining and opposite the main trading area on Greenpoint avenue rather than Laurel Hill boulevard; and the presence of the cemetery and a district zoned for unrestricted use limit is availability for a conforming use. If the stone yards are removed, the situation might change, but as it is the area is more of an unrestricted nature than a business area.

The main objector is the owner of a private house adjoining to the north whose lot is mainly in the business rather than the residential area. There are windows on the lot line, legally permitted, but subject to being closed up if a building were erected on the adjoining lot. When this owner purchased, the existing gas station and monumental works were there.

In the committee's opinion there is sufficient hardship to warrant a term permit of not over five years for the maintenance of a gasoline station, so designed and arranged that it will eliminate as far as possible

harm to the residential area of 46th street. It is to be noted that many of the 28 formal consents filed are from owners in his street while other owners have filed an objecting petition.

It is recommended that a space of twenty feet at the rear be left vacant and fenced in and not used for any non-conforming use; that the plot so reduced by this twenty feet be permitted to be used as a gasoline station provided the accessory buildings are erected on the rear line with no opening to the north; that a brick wall be erected on the lot lines and along 46th street to within thirty feet of the corner; that a low wall should be erected at the corner for a distance of five feet on each street, permitting one entrance only to 46th street; that if greasing is done it be within a building; that there be no repairing; that pumps be at least 15 ft. from the street lines; that the permit be for a period of five years and that such other conditions be imposed as the board deems desirable, including the approval of plans prior to filing with the commissioner of buildings.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended that the application be granted under section 21 for a period of five years under certain conditions; and the board deemed that a variation for such temporary period should be granted.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 of the building zone resolution, for a period of five years, subject to the submission of plans within one month by the applicant, carrying out the recommendations of the committee of inspection, said plans to be submitted to the chairman and to be tentatively approved by him and to be submitted to the board for approval and for imposing of conditions.

327-34-BZ.

APPLICANT—

APPLICANT—Martin J. Ort, for Arthur Mulvaney, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop.

PREMISES AFFECTED—615 Baltic street, northeast corner of Fourth avenue (Block No. 937, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Martin J. Ort.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioner
Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioner
Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

THE RESOLUTION—

(327-34-BZ)

WHEREAS, this application affecting premises 615 Baltic street, northeast corner of Fourth avenue (Block No. 937, Lot No. 1), Borough of Brooklyn, was granted by the board at its meeting April 9, 1935, on certain conditions and appli-

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cant requests an amendment of the resolution (amendment in italics).

Resolved, that the Board of Standards and Appeals *does* hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* permitting the ground floor and the adjoining one-story garage building to be continued as a shop for the repairing of motor vehicle radiators and gasoline tanks, *on condition* that there shall be at no time more than *four* cars in the garage portion under such repair; that the door in the brick wall from the garage building to the corner shop shall be protected with labelled "Underwriters Fireproof door"; that the roof over space marked "boilout room" shall be entirely removed leaving this space as an open area; that the door from the garage to this area shall be a fireproof door; that the existing openings in the brick wall between the building at 113 Fourth avenue and 111 Fourth avenue shall be protected by labelled "Underwriters Fireproof Doors"; that the stairway leading from the second floor of the corner building to Baltic street shall be enclosed in fire-retarded partitions and the ceiling below the floor of the hallway shall be fire-retarded; that the ceiling of the first floor in buildings 111 and 113 Fourth avenue shall be fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall be erected on the front of the buildings an approved fire escape to provide a second means of exit from the residential occupancies; that acetylene welding equipment may be permitted, provided operator secures and holds a proper certificate of fitness to operate same; that there shall be no gasoline stored on the premises other than in the tanks of the cars; that there shall be no general work of automobile repairing carried on other than herein permitted; that such fire extinguishers shall be installed as the administrative official shall direct; and that this occupancy may continue only so long as the building remain substantially as now constructed without extension.

182-32-BZ.

APPLICANT—Benjamin M. Kornreich, for Otto R. Schiller, owner.

SUBJECT—Application for reopening—rescindment of resolution—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the change of occupancy of an existing building to a motor vehicle repair shop.

PREMISES AFFECTED—4117-4119 New Utrecht avenue, northeast corner of 42nd street (Block No. 5591, Lot No. 2), Brooklyn.

APPEARANCES—

For Applicant: Benjamin M. Kornreich.

ACTION OF BOARD—Application reopened and action of the board of October 18, 1932, rescinded.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioner

Blum and Assistant Chief Kidney..... 3

Negative: 0

Absent: Commissioner Savage 1

THE VOTE TO RESCIND RESOLUTION OF BOARD OF OCTOBER 18, 1932—

Affirmative: Chairman Murdock, Commissioner

Blum and Assistant Chief Kidney..... 3

Negative: 0

Absent: Commissioner Savage 1

THE RESOLUTION—

(182-32-BZ)

WHEREAS, this application affecting premises 4117-4119 New Utrecht avenue, northeast corner of 42nd street (Block No. 5591, Lot No. 2), Borough of Brooklyn, to permit in a business use district the occupancy of an existing building as a motor vehicle repair shop was granted by the board October 18, 1932, on certain conditions; and

WHEREAS, the owner, Otto R. Schiller, through his attorney, Benjamin M. Kornreich, requested a rescindment

of the resolution so that the building might be occupied for a conforming use.

Resolved, that the Board of Standards and Appeals *does* hereby *rescind* its resolution of October 18, 1932, and that the use district variance therein granted be and it hereby is *annulled*.

1-35-BZ.

APPLICANT—Abraham S. Bursky, for Manuel Gonzales Benitez and Amalia Gonzales Benitez, owners.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under sections 7b and 21 of the building zone resolution, permitting partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use.

PREMISES AFFECTED—111 West 111th street (Block No. 1821, Lot No. 21½), Manhattan.

APPEARANCES—

For Applicant: Abraham S. Bursky.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioner

Blum and Assistant Chief Kidney..... 3

Negative: 0

Absent: Commissioner Savage 1

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioner

Blum and Assistant Chief Kidney..... 3

Negative: 0

Absent: Commissioner Savage 1

THE RESOLUTION—

(1-35-BZ)

WHEREAS, this application affecting premises 111 West 111th street (Block No. 1821, Lot No. 21½), Borough of Manhattan, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building from residence to business use (undertaking establishment) was granted by the board April 16, 1935, on certain conditions and applicant requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals *does* hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted*, under section 7-B, permitting the alteration to the first story, as indicated on plans filed with this application, and the occupancy of such story as a funeral chapel, *on condition* that the building shall remain under this ownership and occupied as proposed, the three upper floors as private dwelling of the owner or his immediate family and the floor above the street as watch-making school under the control of this owner or member of his family, as covered by temporary certificate of occupancy No. 11628-1926; that the building shall not be extended in height or area and that signs shall be restricted to a neat sign on the proposed central plate glass window.

678-30-BZ.

APPLICANT—Joseph A. Webber, lessee; Board of Transportation, City of New York, owner.

SUBJECT—Application for reopening—extension of time of temporary variance—re Application (decision of the superintendent of buildings) under sections 7f and 21 of the building zone resolution, permitting, partly in a business district and partly in a residence district, the erection and maintenance of a colony of sixty-five (65) individual garages.

PREMISES AFFECTED—401-423 West 207th street and 3876-3882 Ninth avenue, northwest corner (Block No. 2204, part of Lot No. 1), Manhattan.

APPEARANCES—

For Applicant: Sanford Smith.

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ACTION OF BOARD—Application reopened and time of temporary variance extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney..... 3
Negative: 0
Absent: Commissioner Savage 1

THE VOTE TO EXTEND TIME OF TEMPORARY VARIANCE—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney..... 3
Negative: 0
Absent: Commissioner Savage 1

THE RESOLUTION—

(678-30-BZ)

WHEREAS, this application affecting premises 401-423 West 207th street and 3876-3882 Ninth avenue, northwest corner (Block No. 2204, part of Lot No. 1), Borough of Manhattan, was granted for a temporary period on May 26, 1931, time extended, May 31 1933, and applicant requests a further extension of the temporary variance granted.

Resolved, that the resolution adopted by the board on May 26, 1931, be and it hereby is *amended*, so as to extend the temporary variance under Section 7(f) for two years from May 26, 1935, *on condition* that all requirements of the resolution adopted May 26, 1931 shall be complied with in all respects.

210-33-BZ.

APPLICANT—Frank Marcellino, for Jacob Frommer, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a residence district the change of occupancy of an existing building to a business use (store).

PREMISES AFFECTED—238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

APPEARANCES—

For Applicant: Frank Marcellino.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney..... 3
Negative 0
Absent: Commissioner Savage 1

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney..... 3
Negative 0
Absent: Commissioner Savage 1

THE RESOLUTION—

(210-33-BZ)

WHEREAS, this application affecting premises 238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Borough of Brooklyn, was granted by the board December 5, 1933, on certain conditions and applicant requested an amendment of the resolution as to the time to complete the work.

Resolved, that the resolution adopted by the board on December 5, 1933, be and it hereby is *amended*, only so far as it has reference to the completion of the work, so that as amended, the last clause of the resolution will read:

"that in view of the statement that plans have been filed, all work shall be completed within one year from the date of this amended resolution, *on condition* that other than as amended herein, the resolution adopted by the board on December 5, 1933, shall be complied with in all respects."

332-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Kabor Holding Corporation, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under sections 7f and 21 of the building zone resolution, permitting, partly in a residence district and partly in a business district, the erection and maintenance of stores and, also, a gasoline service station.

PREMISES AFFECTED—3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

APPEARANCES—

For Applicant: Harold Riegelman.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

THE RESOLUTION—

(332-32-BZ)

WHEREAS, this application affecting premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), Borough of The Bronx, was granted by the board November 21, 1933, on certain conditions, amended January 3, 1934, and applicant requests a further amendment as to time to obtain permit and complete the work.

Resolved, that the resolution adopted by the board on November 21, 1933, as amended by resolution of January 3, 1934, be and it hereby is *amended*, only so far as it refers to the obtaining of permits and completion of the work, so that as amended, this portion of the resolution will read:

"that in view of approval of plans by this board and approval of plans by the commissioner of buildings that all work shall be completed within 18 months from the date of this amended resolution, *on condition* that the resolution of November 21, 1933, as amended by resolution of January 3, 1934, shall be complied with in all other respects."

404-31-BZ.

APPLICANT—Ferdinand Savignano, for Aljon Realty Company, Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Brooklyn.

APPEARANCES—

For Applicant: Arnold Lederer.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

MINUTES

THE RESOLUTION—

(404-31-BZ)

WHEREAS, this application affecting premises 6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Borough of Brooklyn, was granted by the board January 29, 1932, on certain conditions, the resolution amended from time to time and applicant requests a further amendment.

Resolved, that the resolution adopted by the board on January 29, 1932, as amended by resolutions adopted May 10, 1932, and March 19, 1935, be and it hereby is amended by adding thereto the following paragraph:

"that in the event that the owner desires to change the use of the five (5) car garage, which was a permitted use in a business district, prior to the adoption of this resolution, to a battery service, that such change may be made without being in conflict with the terms of this resolution on condition that no repairing of motor vehicles shall be carried on; that no sign advertising such battery service shall be a neat sign not exceeding 2 ft. by 3 ft., attached to the front of the existing garage building; that nothing herein contained shall otherwise modify the resolution adopted by the board on January 29, 1932, as amended by resolution adopted March 19, 1935."

APPEALS FROM ADMINISTRATIVE ORDERS

41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Laid over to June 4 1935, at 2 p. m., on written request of appellant.

90-35-A.

APPELLANT—Ashley T. Cole, for National Carbon Company, Inc., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: Albert J. Snook, H. B. Archer and Arthur C. Bang.

For Opposition: J. G. Fink, Joseph S. Byrne and Irving E. Jacobs.

For Administration: None.

ACTION OF BOARD—Laid over to June 4, 1935, at 2 p. m., on request of intervenor for appellant.

33-35-A.

APPELLANT—St. Therese Realty Corp., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—134-27 218th street (Block No. 3590, Lot No. 13), Springfield, Borough of Queens.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Laid over to May 28, 1935, at 2 p. m., upon written request of appellant.

37-35-A.

APPELLANT—Brooklyn Fire Brick Works, owner.

SUBJECT—Application for reopening—restoration to the calendar re: Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—98-100 Beard street, northwest corner of Richards street (Block No. 604, Lot No. 16), Brooklyn.

APPEARANCES—

For Appellant: Ernest J. Pirman, M. J. Kelly.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

72-35-A.

APPELLANT—Martin J. Doyle, for Elmer Ricn and Reuben J. Rich, owners.

SUBJECT—Application for reopening—restoration to the calendar—re: Appeal from a decision of the commissioner of buildings (previously withdrawn).

PREMISES AFFECTED—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

APPEARANCES—

For Appellant: Martin J. Doyle, Louis Felix.

ACTION OF BOARD—Appeal reopened, restored to calendar and set for hearing June 11, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioner

Blum and Assistant Chief Kidney 3

Negative 0

Absent: Commissioner Savage 1

111-35-A.

APPELLANT—McKim, Mead & White, for Tiffany & Company, owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—140 East 41st street (Block No. 1295, Lot No. 45), Manhattan.

APPEARANCES—

For Appellant: John Jordan.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

(111-35-A)

WHEREAS, McKim, Mead & White, for Tiffany & Company, owner, filed April 26, 1935, an appeal from an order and decision of the fire commissioner, affecting premises 140 East 41st street (Block 1295, Lot 45), Borough of Manhattan; and

WHEREAS, the order of the fire commissioner, dated February 5, 1935, (No. 5065-LC), reads:

"Before a permit may be issued for your garage, the following must be done:

"1. Use of the fourth story as a dwelling must be discontinued. Sec. 154, Chap. 10, Code of Ordinances."

and

WHEREAS, the decision of the fire commissioner, rendered April 9, 1935, reads:

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"This will acknowledge receipt of your communication of recent date in which you request this department to modify Order No. 5065-LC, which affects the premises mentioned and advance as the reason therefor that the provisions of the Multiple Dwelling Law with respect to a similar occupancy are far less stringent.

"The Multiple Dwelling Law would supersede the local ordinance, if the premises in question came within the purview of the Multiple Dwelling Act. (Corporation Counsel's opinion March 10, 1932).

"It is regretted that this Department cannot modify the provisions of Section 154, Chapter 10, which is the basis of the order in question.

"Should you desire to appeal from the fire commissioner's ruling, it is suggested you place your appeal before the Board of Standards and Appeals. This letter may be used for this purpose."

and

WHEREAS, the building is of fireproof construction, 4 stories and attic (65 ft.) in height, 31 ft. 9 in. by 71 ft. 6 in. in area; OCCUPIED: Cellar—boiler room and dead storage for one (1) motor vehicle; 1st story—non-storage garage for five motor vehicles and the storage of five one-gallon cans of engine oil kept in a steel barrel; 2nd story—automobile repair shop at rear, vacant at front; 3rd story—vacant; 4th story—one living apartment; attic, vacant; located within a business district; and

WHEREAS, the applicant claims the building was erected in 1904; no certificate of occupancy has been issued; the building has been occupied practically the same as at present during the past 20 years except the 1st, 2nd and 3rd stories were used for the storage of electric cars instead of a garage for five motor vehicles on the 1st story and the 3rd story kept vacant which occupancy is requested under this appeal; the requested occupancy complies in every respect with the requirements of Section 154, Chapter 10, of the Code of Ordinances except as to the technicality of the living apartment being on the 4th story instead of on the 3rd story; the area of 1st story is less than 5,000 square feet, the only tenant in the building is the applicant's employee; the living apartment is separated from the garage by fire-retarding walls and floors, there is a separate entrance to the living apartment from the street enclosed entirely with fireproof walls; there is an iron ladder at rear of living apartment on 4th story leading to the roof through a hinged scuttle; furthermore, the applicant contends that safe egress in case of fire may be had from living apartment on 4th story through the front windows to the roof set-back of 2 ft. 6 in. in width across the entire front of the building and direct access to adjoining roofs, about one foot lower at west and 3 feet higher east; the 3rd story and attic will be kept permanently vacant; the repair shop on 2nd story consists of a lathe, drill and grinder and 3 electric motors, one of 2 H.P. and two of 1/2 H.P. each, only minor repairs are made to the cars stored on the premises; a fire axe and six pails of sand are kept on 1st story and fire extinguishers are distributed throughout the building; no gasoline will be stored on the premises.

Resolved, that the order of the fire commissioner, No. 5065-LC, be and it hereby is *modified* and the appeal be and it hereby is granted, permitting the continuation of the existing occupancy as a garage on the ground floor and for living quarters on the 4th floor, *on condition* that the third floor shall remain vacant and that the second floor shall be used solely for minor repairs to the cars belonging to the owner; that other than as modified herein all laws and rules and regulations applicable to this building shall be complied with and *granted* only so long as the entire building is occupied by Tiffany and Company and is not increased in height or area.

APPLIANCES SUBMITTED FOR APPROVAL

125-34-SA.

APPLICANT—David Kaufman for American Burner Manufacturing Co., owner.

SUBJECT—American Oil Burner—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS FOR LACK OF PROSECUTION—

Affirmative: Chairman Murdock, Commissioner

Blum and Assistant Chief Kidney 3

Negative 0

Absent: Commissioner Savage 1

THE RESOLUTION—

(125-34-SA)

WHEREAS, David Kaufman, for American Burner Manufacturing Co., owner, filed May 9, 1934, an application for approval of their device known as the American Oil Burner; and

WHEREAS, no arrangements were made by the applicant for a test of this burner, though due notice was given by the fire department and the engineer of the board.

Resolved, that the application be and it hereby is *dismissed* for lack of prosecution.

162-33-SA.

APPLICANT—Ansonia Fire Prevention Engineering Co., Inc., for Elkhart Brass Mfg. Company, owner.

SUBJECT—Application for restoration to calendar, having been previously laid over for a **full vote of the board**—re: Elkhart Combination Pressure Reducer and Hose Valve, approval of.

APPEARANCES—

For Applicant: Herman E. Horwood.

ACTION OF BOARD—Appliance approved in accordance with report of the engineer of the board and of a Standard Testing Laboratory.

THE VOTE TO RESTORE TO ACTIVE CALENDAR—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO APPROVE APPLIANCE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative: Assistant Chief Kidney 1

Absent 0

THE RESOLUTION—

(162-33-SA)

WHEREAS, the Ansonia Fire Prevention Engineering Co., Inc., for the Elkhart Brass Mfg. Co., owner, filed April 28, 1933, an application with the Board of Standards and Appeals for approval of their device known as the Elkhart Combination Pressure Reducer and Hose Valve; and

WHEREAS, this device on the instructions of the board, was submitted to a standard testing laboratory for test, and a certified statement of the laboratory was filed with this board as required by Article XI of the rules of procedure of the Board of Standards and Appeals as then in force; and

WHEREAS, this statement certified that the device complied with the rules of the board except that the device being a shutoff valve does not provide for an opening of 0.5 square in. when in a fully reduced position; and

WHEREAS, the engineer of the board, under date of October 8, 1934, recommended the approval of this device under certain conditions.

Resolved, that the Board of Standards and Appeals does hereby *approve* the Elkhart Combination Pressure Reducer and Hose Valve for use under the Standpipe Fireline Rules of the Board of Standards and Appeals and waiving the requirement of Rule 93-A, Subdivision 7 thereof, "that there shall be maintained when in fully reduced position an open waterway at least 5/10 of a square inch."

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592-32-SA.

APPLICANT—Sherrard Ewing, agent for the Ameroil Burner Co., owner.

SUBJECT—Ameroil Oil Burner for Ranges and Stoves,—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with the report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE APPLIANCE—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

THE RESOLUTION—

(592-32-SA)

WHEREAS, Sherrard Ewing, for the Ameroil Burner Co., owner, filed December 2, 1932, an application with the Board of Standards and Appeals, for approval of the device known as the Ameroil Oil Burner for Ranges and Stoves; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was installed in an ordinary type kitchen range used for cooking and heating purposes. The burner base consists of an iron casting of two pairs of concentric rings with walls $\frac{3}{4}$ in. in height. On each ring are placed four (4) perforated chromium steel shells containing between 17 and 19 per cent chromium. The burner castings are supported on a single iron stand and arm. The pedestal supporting the burner is equipped with three leveling screws and a bolt for fastening it to the ash pit of the range. The pedestal supporting the oil reservoir is of pressed steel and has a 10-inch base, which may be firmly fastened to the floor.

The oil supply was from a two-gallon bottle having a metal jacket with two hand grips on it. The metering valves were of the "V" slot type and are manufactured by the maker of the burner.

The front burner was operated and after same was in operation for a period of approximately 30 minutes, the second burner was flooded and there were no explosions or puff-backs.

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction card, and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department.

Resolved, that the Board of Standards and Appeals does hereby approve the devices known as the Ameroil Oil Burner for Ranges and Stoves for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.

4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS

For Use in New York City.

Under Cal No. 592-32-BZ.

Only an Approved Safety Can Shall Be Used in
Filling This Storage Container.

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner, shall, within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

357-34-SA.

APPLICANT—Connecticut Foundry Co., owner.

SUBJECT—Moderne Range Oil Burner, Models Regular, Junior and Firenew, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE APPLIANCE—

Affirmative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

THE RESOLUTION—

(357-34-SA)

WHEREAS, Connecticut Foundry Co., owner, filed December 19, 1934, an application with the Board of Standards and Appeals, for approval of the device known as the Moderne Range Oil Burner, Models, Regular, Junior and Firenew; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The three models of this burner operate on the same principles, the only difference being that the Junior and Regular models have a more costly finish.

The model Regular as tested was installed in an ordinary type kitchen range used for cooking and heating purposes. The burner base consisted of iron castings having concentric rings upon which are mounted four cylindrical perforated steel shells containing 18 to 20

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per cent chromium. The walls of the rings in the casting are approximately $\frac{3}{4}$ inch in height.

A pressed chromium steel cover is placed on top of each set of rings. The pedestal supporting the burner is equipped with three leveling screws and a bolt for fastening it to the ashpit. The pedestal supporting the oil reservoir and supply container has a 9-inch base which permits it to be securely fastened to the floor.

The oil supply was from a two-gallon glass bottle equipped with a perforated metal jacket having two hand grips. The bottle is held firmly in place by being attached to an upright rod fastened to the oil reservoir.

The metering valves used are of the "V" slot type, manufactured by the Hartford Screw Machine Company. Extra heavy copper tubing with a wall thickness of .049 is used to make the necessary connections.

The front burner was operated and, after same was in operation for a period of approximately 30 minutes, the second burner was flooded and there were no explosions or puff-backs.

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction card, and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Moderne Range Oil Burner, Models Regular, Junior and Firenew, for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE BOARD OF STANDARDS AND APPEALS

For Use in New York City

Under Cal. No. 357-34-SA

Only an Approved Safety Can Shall Be Used in
Filling This Storage Container.

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner, shall, within 48 hours of each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

54-35-SA.

APPLICANT—T. O. Sylvester, agent for The Putnam Company, owner.

SUBJECT—Putnam Range Oil Burner,—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE APPLIANCE—

Affirmative: Chairman Murdock, Commissioner

Blum and Assistant Chief Kidney 3

Negative 0

Absent: Commissioner Savage 1

THE RESOLUTION—

(54-35-SA)

WHEREAS, T. O. Sylvester, agent for The Putnam Company, owner, filed March 1, 1935, an application with the Board of Standards and Appeals for approval of the device known as Putnam Range Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner had been installed in the ordinary type kitchen range, used for cooking and heating purposes. The burner as assembled, consists of the following:

The burner base which is made of cast iron having two concentric rings; mounted upon these rings are four cylindrical shells made of perforated chromium steel with a chromium content of 22 per cent. The burner bases are supported by means of one cast iron pedestal equipped with necessary leveling screws and bolts for fastening it to the ashpit of the range. On top of the cylindrical shells there is a cast iron cover. The oil supply is from a two-gallon glass bottle, equipped with a metal jacket having two handles. The bottle is rigidly fastened to an upright bar from the oil reservoir by means of a metal clip.

The oil reservoir is constructed of cast iron on which there are a series of dams which act to prevent any dirt or sediment from getting into the oil supply line. The oil, coming from the bottle, passes over these dams and through two very fine mesh cylindrical strainers. After it leaves the strainers, it passes through the metering valves into another chamber, known as the priming chamber. In the priming chamber there is fixed a dam for each individual burner, over which the oil must flow in order to reach the burner. In the priming chamber there are two plungers made of cast iron and held in their upright position by means of springs. These plungers are free to move vertically only when the metering valves are closed.

The locking mechanism for the priming plungers is made in such a way so that the slightest opening of either of the metering valves locks both plungers. This prevents the priming of the burners when in operation. The capacity of these plungers is 72 cubic centimeters and they are used for the starting of the burner. When it is desired to light the burner one or both of the plungers is held down for approximately 20 seconds. This supplies 72 cubic centimeters of oil to each burner, which is sufficient to have instant ignition.

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As the leveling of the oil in the priming chamber is fixed no more oil can be supplied to the burner than that which is permitted, through the metering valve, no matter how far below the reservoir the base of the burner is located.

The pedestal supporting the reservoir has a 7 inch base which is so made that it may be firmly fastened to the floor. The level of the oil reservoir is fixed by means of an Allen set screw. The copper tubing used for this equipment is of the extra heavy type with a wall thickness of .049.

The operating principles involved in this burner were tested and all the mechanism was found to function as designed. The locking mechanism on the priming valves proved to be positive in its action, and the primers could not be operated when the burners were in operation.

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction card, and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Putnam Range Oil Burner for domestic and commercial installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals and in accordance with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.

The minutes of the regular meeting of the Board of Standards and Appeals of May 14, 1935, as they appeared in Bulletin No. 21, Vol. XX, are hereby reprinted due to misarrangement of portions of the resolutions on Page 454.

57-35-A.

APPELLANT—Benjamin B. Maksik, for Premier Assets Corp., owner of premises affected; Sol. R. Kaplan, for Anna Kaplan, adjoining owner.

SUBJECT—Application for reconsideration of board's action of March 26, 1935, re appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1400 51st street and 5101 14th avenue, southeast corner (5107 14th avenue, adjoining building); (Block No. 5657, Lot No. 7), Brooklyn.

APPEARANCES—

For Appellant: Benjamin B. Maksik.

For Opposition: Bernard Sand.

For Administration: Assistant Engineer Benjamin Saltzman of department of buildings.

ACTION OF BOARD—Action of the board of March 26, 1935, reaffirmed.

THE VOTE TO AFFIRM ACTION OF THE BOARD OF MARCH 26, 1935—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least 1/2 inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE

BOARD OF STANDARDS AND APPEALS

For Use in New York City

Under Cal. No. 54-35-SA

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner, shall, within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

Adjourned, 4:00 p. m.

EDWARD V. BARTON, *Chief Clerk.*

THE RESOLUTION—

(57-35-A)

WHEREAS, Benjamin B. Maksik, for Premier Assets Corp., owner, filed March 5, 1935, an appeal from a decision of the commissioner of buildings, affecting premises 1400 51st street, and 5101 14th avenue, adjoining building 5107 14th avenue, (Block 5657, Lot No. 7), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings, dated March 17, 1933, reads:

"You will please take notice that there exists a violation of the building code at the premises hereinafter described, in that adjoining the described new building on the south side is a two (2) story and attic frame building 20 ft. by 50 ft. occupied as a one (1) family dwelling, the chimney of which is 9 ft. 6 ins., distant from the new building. This chimney should have been carried up to the height of the new building at the time of erection but was not done. In violation of Section 392, par. 9, of the building code:

"You are required to carry the chimney at No. 5107 14th avenue up to and above the roof of 5101 14th avenue."

and

WHEREAS, the building is non-fireproof, 6 stories in height, 60 ft. by 90 ft. in area; occupied: as a tenement house, 30 families; on the plot adjoining these premises to the south is a 2-story and attic frame building, 20 ft. by 50 ft., occupied as a 1-family dwelling; the eaves of which are approximately 3 ft. from the lot lines; and

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WHEREAS, it is contended by the commissioner of buildings under Section 392 of the building code, that the chimney of this 1-family dwelling is 9 ft. 6 in. distant from the building in question, which building in question was erected in December, 1930, and that the chimney of the 1-family dwelling should have been carried up above the roof of the new building; and

WHEREAS, it is the opinion of the board that the provisions of Section 392 of the building code were intended to apply only to buildings on neighboring premises which have walls actually on the lot line, this opinion being borne out by the fact that under Section 238, where the words "adjoining properties" were formerly used, these words have been changed to "neighboring properties," showing a clear distinction in the mind of the framer between the meaning of the words "neighboring" and "adjoining"; and that the requirement of Section 392 would apply only to a building with wall on the lot line and with a chimney within 10 ft. of the wall of the building being carried up; and

WHEREAS, in the instant case the wall of the 1-family dwelling is entirely isolated being 3 ft. or more away from the lot line and it would require spanning of the open space to carry up the chimney; and

WHEREAS, this appeal was granted by the board March 26, 1935, the resolution reading as follows:

Resolved, that the decision of the commissioner of buildings be and it hereby is *reversed* and the appeal be and it hereby is *granted*;

and

WHEREAS, the owner of the premises 5107 14th avenue, through her attorney, Sol. R. Kaplan, requested a reopening of the case in order to present certain facts and this case was reopened by vote of the board April 30, 1935, and further argument was heard; and

WHEREAS, a committee of the board inspected these premises on May 2, 1935, report of which inspection was read at the hearing of May 14, 1935, and which report follows:

REPORT OF COMMITTEE OF INSPECTION

Cal. No. 57-35-A.

Premises—1400 51st street and 5101 14th avenue, southeast corner, adjoining building 5107 14th avenue (Block No. 5657, Lot No. 7), Brooklyn.

This is an appeal from the decision, dated March 17, 1933, of the commissioner of buildings requiring the owner of a six-story multiple dwelling for which a certificate of occupancy was issued by the then superintendent of buildings upon completion in June, 1931, to carry up the chimney on a neighboring building on an adjoining lot at 5107 14th avenue.

On March 26, 1935, the appeal was granted but because the owner of the house at 5107 14th avenue claimed that he should have had an opportunity to be heard and because he claimed that the plans submitted were not correct, the Board reopened the case to permit this owner to present his objections to the appeal being granted and to permit an inspection by a committee of the board.

It has not been the practice to require in the case of an appeal from an administrative order other than in zoning matters, notice of the appeal be given to anyone other than the administrative official where determination is under review. (Such notice was given by the applicant.) This appeal was, however, duly noticed in the Bulletin which, in the Ottinger decision, was declared to be legal notice to all parties affected.

More than twenty days elapsed before the appeal was filed. The applicant should have made his appeal within that time but chose to defend his position before the Magistrate, and after failing to obtain a favorable determination notified the Magistrate that an appeal to this board was being taken. Previously a plea of guilty was entered and sentence was suspended for the purpose, the applicant says, to permit further conversa-

tions with the commissioner of buildings. Failing in this effort, the applicant attempted to withdraw his plea of guilty and enter a plea of not guilty, but this was refused and a fine of \$100. was imposed. The rule that an appeal shall be filed within 20 days (now 30 days) is a rule of this board and can be waived by the board, as was done in this appeal, by virtue of it having been heard and determined. The Court has ruled that in such cases hearing the appeal constitutes waiving the rule without a resolution to that effect.

The board cannot, of course, interfere with the decision of the Magistrate, but this applicant is entitled to a determination and an interpretation of the ordinance. After such is rendered, the Court can make such disposition as it deems proper. A decision by this board is in no sense a review of the Magistrate's finding.

This board has interpreted Section 392 of the building code as intended to apply only to a building on a neighboring property which has a wall on the lot line and there exists a chimney within ten feet thereof. In that event such chimney is to be carried up above the new building, if the new building wall is either on the lot line or within three feet of the lot line.

A committee of this board inspected the premises on May 2, 1935. Contrary to the plans filed with the appeal the building on the adjoining property, while removed three feet or more from the lot line, has an enclosed stoop at the rear which extends to the lot line. Technically perhaps, there may, therefore, be a wall on the building line. The chimney itself is a few inches less than ten feet from the lot line. This chimney has been extended up by means of a metal hood and flue to a height of some 9 ft. above the brick chimney. This metal flue is approximately eleven feet from the nearest wall of the new building, but within ten feet of the lot line measured at right angles. There is a large court at that point which increases the chimney draft area.

The committee is of the opinion that the law did not intend that in a case such as this one, an adjoining owner of a new building should be required to carry up the chimney, either by brick constructed on the present chimney, which from appearances would not support the additional masonry, or by spanning ten feet across the side yard with a metal flue attached to the side wall of the new building.

The present and apparently relatively inexpensive extension of approximately nine feet appears to have provided the necessary draft, indicating that to have extended the flue above the new roof would have entailed unnecessary expense.

It should be noted that when the new building plans were filed and during construction up to the issuance of the certificate of occupancy, there was no objection given and no order issued to comply with Section 392. The violation was filed over a year and a half after the issuance of the certificate of occupancy, on which the owner is justified by law in relying upon as final and as evidence of complete fulfillment of all requirements within the purview of the commissioner of buildings.

The committee recommends that the action of the board of March 26, 1935, in granting the appeal be reaffirmed.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended that the action of the board of March 26, 1935, be reaffirmed and the board so deemed.

Resolved, that the action of the board of March 25, 1935, reversing the decision of the commissioner of buildings and granting the appeal, be and it hereby is *reaffirmed*.

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APPLIANCES SUBMITTED FOR APPROVAL

108-35-SA.

APPLICANT—David Kaufman, for Concord Burner Company, Inc., owner.

SUBJECT—Concord Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of the board for test and report and to obtain such information from other departments as may be deemed necessary.

113-35-SA.

APPLICANT—Malvin Brown, for R-S Products Corp., owner.

SUBJECT—Ryan Marvel Oil Burner, Model M, approval of.

APPEARANCES—

For Applicant: Malvin Brown.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of the board for test and report and to obtain such information from other departments as may be deemed necessary.

Adjourned, 4:00 p. m.

EDWARD V. BARTON, *Chief Clerk.*

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Loneragan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	National Range Oil Burner.....	361-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Putnam Range Oil Burner	54-35-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quaker Burnoil Stove	11-31-SA
Florence Range Burners.....	219-34-SA	Quick Meal Range Burner.....	304-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kolrid Range Burner.....	48-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Superfex Oil Burning Heater	491-31-SA
		Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

RULES FOR INTERIOR FIRE ALARM SIGNAL SYSTEMS, ADOPTED BY THE BOARD OF STANDARDS AND APPEALS, SEPTEMBER 27, 1917, AS AMENDED DECEMBER 6, 1917, AND FEBRUARY 7, 1918.

NOTE.—In republishing these Rules, no corrections have been made as to departmental jurisdiction, as such may be affected by the McCall Bill known as Chapter 764 of the Laws of 1933.

Rule 1. Sending Stations. Except as hereinafter otherwise provided, there shall be at least one fire alarm sending station in each story of any building requiring a manual fire alarm signal system, located in a natural path of escape from fire at a readily accessible point designated by the fire commissioner, which always shall be kept clear. Additional sending stations shall be installed so that no point on any floor shall be more than one hundred feet distant from the nearest sending station in that story. Such stations shall be so located and constructed that whoever discovers a fire can cause an alarm to be sounded immediately by operating the station.

In factory buildings, as defined in the labor law, not exceeding five stories in height and 2,500 square feet in area in any story above the first in which not more than fifty persons are employed at any time above the first story and in which closed circuit fire alarm systems are installed, the number of sending station may be reduced with the approval of the fire commissioner when the occupancy is not especially hazardous and the arrangement of exit facilities is such as to permit the alarm box or boxes to be located in the main exit path from the building.

Rule 2. Signaling Devices. There shall be installed in each story of any building requiring a manual fire alarm signal system one or more signaling or alarm devices placed at accessible points, with the lowest part at least eight feet above the floor where practicable. They shall not be placed on the exterior of a building except by special written permission of the fire commissioner.

Such devices may consist of bells, gongs, whistles, or horns, or other approved devices, and shall be of the same type throughout any one installation. Permission may be granted to install special signaling devices in a particular section of a factory plant differing from the devices in other sections, where necessary for audibility and effectiveness.

Rule 3. Classification. For the purpose of the fire alarm rules, interior manual fire alarm signal systems shall be classified with respect to operation and use, as: mechanical systems, non-coded closed circuit systems and coded closed circuit systems.

Rule 4. Mechanical System. Mechanical fire alarm signal systems are systems consisting of signaling devices, operated mechanically, automatically, manually or by open electric circuits. When mechanically operated, the mechanism shall be enclosed in substantial cabinets; shall be of metal thoroughly protected against corrosion and injury and all mechanical parts shall be designed to have a factor of safety of not less than ten, based upon the maximum stress to which any part of the mechanism may be subjected. When pull wires or chains are used they shall be enclosed in rigid conduits, and all pulleys, springs, cranks, expansion joints, and other vital parts of the system shall be placed in readily accessible positions for inspection. The pull required at any sending station to operate the system shall not exceed twenty-five pounds.

Rule 5. Non-Coded Closed Circuit Systems. Non-coded closed circuit fire alarm signal systems are systems consisting of sending stations and signaling devices, operated on supervised closed electric circuits which send continuous or non-coded signals.

When such systems are installed in buildings, the signaling devices shall be capable of giving a signal consisting of not less than forty taps or blows, or an alarm of at least four minutes' duration, either continuous or intermittent, for one to one-and-a-half seconds, at intervals of not less than one-half nor more than one second.

Rule 6. Coded Closed Circuit Systems. Coded closed circuit fire alarm signal systems are systems consisting of sending stations and signaling devices, operated on supervised closed electric circuits, which send round of coded signals to indicate the floor or portion of the same from which the alarm was sent.

When coded systems are installed in buildings, the code numbers to be used shall be designated by the fire commissioner and shall be sounded at least four times for each operation of an alarm box.

Rule 7. Five-Story Factories. In factory buildings, as defined in the labor law, not exceeding five stories in height nor 2,500 square feet in area in any story above the first, occupied by not more than one tenant, in which not more than one hundred persons are employed at any time above the first story, or occupied as a tenant factory in which not more than fifty persons are employed at any time above the first story, the fire commissioner shall accept either mechanical, non-coded closed circuit or coded closed circuit fire alarm signal systems. (Amended February 7, 1918.)

Rule 8. Six-Story Factories. In non-fireproof factory buildings, as defined in the labor law, not exceeding six stories in height nor 5,000 square feet in area in any story above the first, occupied by not more than one tenant, in which not more than one hundred and fifty persons are employed at any time above the first story, or occupied as a tenant factory in which not more than one hundred persons are employed at any time above the first story, the fire commissioner shall accept either non-coded or coded closed circuit fire alarm signal systems.

In non-fireproof factory buildings, as defined in the labor law, exceeding six stories in height or 5,000 square feet in area in any story above the first, the fire commissioner shall accept coded closed circuit fire alarm signal systems.

Rule 9. Eight-Story Factories. In fireproof factory buildings, as defined in the labor law, not exceeding eight stories in height nor 5,000 square feet in area in any story above the first, in which not more than one hundred and fifty persons are employed at any time above the first story, the fire commissioner shall accept either non-coded or coded closed circuit fire alarm signal systems.

In fireproof factory buildings, as defined in the labor law, exceeding eight stories in height or 5,000 square feet in area in any story above the first, the fire commissioner shall accept coded closed circuit fire alarm signal systems.

Rule 10. Sub-Divided Buildings. Where a building is sub-divided by fire walls, each section shall be deemed a separate building for the purpose of fire alarm signal system installations. One control board may be used, if so arranged as to operate the signaling devices in each section of the building independently.

Rule 11. Mixed Occupancy. In buildings requiring fire alarm signal systems, of which parts are occupied by other than factory tenants, and in which the conditions of construction and occupancy warrant the establishment of a local fire brigade, the fire commissioner shall accept dual operation systems.

When dual operation systems are installed, they shall be so designed that the operation of any station shall cause the sounding of the signal only on the signaling devices located in the engine room, basement or other places in the building where the members of the fire brigade work or assemble. Approved means shall be provided at each station, so arranged that a subsequent operation of any station shall cause the sounding of the signals on all the gongs throughout the building. Such systems shall be of the coded closed circuit type.

Rule 12. Existing Installations. Fire alarm signal systems heretofore installed in buildings in the City of New York and approved in writing by the fire commissioner shall be accepted as long as they are maintained.

RULES

Rule 13. Sources of Electrical Energy. Sources of electrical energy used in operating fire alarm signal systems shall be: electric light and power systems, storage batteries and primary batteries. Such sources of energy shall be used under conditions and limitations specified by the board of standards and appeals.

In electric fire alarm signal systems one source of energy shall be connected to the system at all times. All auxiliary sources of energy shall be so arranged and controlled by automatic switch that when the primary source of energy fails, the second source will be automatically connected to the fire alarm signal system.

Rule 14. Isolated Plants. Energy from isolated electric light or power plants may be used for fire alarm signal systems only when there is more than one generating unit and the plant is always in operation when the building is occupied. When only one generator unit is employed, the source of energy shall be supplemented by storage battery or other auxiliary service.

Rule 15. Public Service. When the energy for a fire alarm signal system is supplied by a public service light or power system, connection shall be made on the street side of the service switch, except that permission shall be given by the fire commissioner to connect on the house side of the meter in new buildings, when all electric wiring and appliances in the building have been approved by the administrative authorities having jurisdiction. When a house side connection is made in existing buildings, a certificate shall be furnished from an accepted authority certifying that all electric wiring and appliances in the building are properly installed and in good condition. The fire alarm cutout in house-side connections shall be the first connection on the house side of and as near as possible to the meter, and shall be enclosed in a locked or sealed metal cabinet.

For connection to outdoor overhead service lines special permission in writing from the fire commissioner shall be necessary.

Rule 16. Storage Batteries. When a storage battery equipment is used as the sole source of energy for a fire alarm signal system, the storage batteries shall be provided in duplicate. Such installations shall be equipped with a switchboard or panel of approved material on which are mounted volt meters, ammeters, circuit breakers, fuses, resistances, switches, starting devices for motors, field rheostats for generator and other apparatus required for charging and operating the batteries.

Rule 17. Primary Batteries. When primary batteries are used to supply the energy for the fire alarm signal systems, the batteries shall be ample in size to satisfactorily operate the system.

When such batteries supply the energy for open circuit systems, there shall be provided two sets of cells connected in multiple-series, having not less than six cells in each series, coupled together by means of approved battery connectors.

When caustic soda batteries are employed approved heat resisting jars shall be used and at least one transparent jar shall be provided in each series for the purpose of observing the condition of the elements.

Rule 18. Acceptance Test. Upon completion of a fire alarm signal system and as a condition of acceptance, a test of the entire installation shall be made under the direction of the fire commissioner. All electrical systems shall show an insulation resistance of not less than ten megohms.

The owner or contractor shall furnish all the necessary tools, instruments and labor to conduct this test when required by the fire commissioner.

Rule 19. Daily and Monthly Test. In factory buildings, as defined in the labor law, every fire alarm system shall be tested each morning immediately after the hour of starting work in the building to make sure that the system is maintained in an operative condition. No such system shall be used for any other purpose, except that daily dismissal signals may be given if authorized by

the fire commissioner. The use of the system for fire drill purposes may be considered a test of those parts of the system actually used. Each sending station shall be tested at least once every month. All apparatus requiring winding shall be rewound after each operation and kept in normal condition.

A complete record shall be kept of the monthly tests and of all fire drills, which record shall be subject to inspection by the fire commissioner.

Rule 20. Maintenance. Interior fire alarm systems shall be maintained in operating condition at all times, unless the buildings are vacated for a period longer than one week. If the system becomes inoperative at any time, it shall be the duty of the owner or the persons designated by him to be in charge of the system to notify all the occupants of the building and to take immediate steps to have the system restored to working order. If, for any reason, it becomes necessary to disconnect the source of energy or the operating medium of any system, the owner or other responsible person shall notify the fire commissioner at least forty-eight hours in advance of such disconnection, stating the reason therefor.

Rule 21. Alarm Boxes. In fire alarm signal systems the metal case enclosing exposed or surface alarm boxes shall be of cast iron and drilled to receive the conduit. When exposed to moisture the box shall be enclosed in a suitable weather-proof outer shell. In new buildings, approved back-boxes imbedded in the wall may be used and the conduit shall be properly secured by lock nuts and bushings. All current-carrying parts shall be insulated from parts of opposite or lower polarities with approved insulating material.

All pull box cases shall be fitted with a glass panel or a door to protect the pull lever against accidental injury. Such door shall have a handle rigidly secured thereon and be so constructed as to open readily. The wording "In case of fire open door and pull down lever as far as it will go," or equivalent instructions, shall appear on the door.

All break-glass type fire alarm boxes shall be provided with suitable hammers on chains attached to or near the boxes with which the glass can readily be broken. All break-glass boxes shall have lettered on the fronts the words, "Fire Alarm—In case of fire break glass" and such additional instructions as may be necessary to send in an alarm.

On open circuit systems, alarm boxes shall have scraping type contacts with surfaces ample in size and mechanical strength and of sufficient capacity to carry the maximum current which may flow for at least one hour without appreciable heating.

On closed circuit systems, contact points operated by a break wheel and contact points on testing devices shall be of the scraping type. Such contact points shall be secured in a substantial manner to phosphor bronze springs and be so constructed as to positively break a circuit carrying one-tenth amperes at 250 volts under actual working conditions. Lever boxes shall be so designed as to automatically wind when the lever is pulled for alarm. Boxes requiring glass replacements shall be so arranged that replacements cannot be made until the mechanism is reset for another alarm.

Rule 22. Station Testing Devices. When electrical operated fire alarm systems are installed, at least one station in each system shall be provided with an auxiliary switch or other device to test the signaling devices, located in one of the alarm boxes or mounted on the control board. In closed circuit systems, such testing device shall be arranged to make the test without operating the break wheel of the box.

Provision shall also be made for a silent test of closed circuit fire alarm box mechanisms without operating the signaling devices. Such device shall be designed to prevent any persons except those in authority from operating the same and to prevent the possibility of the box being left inoperative after the test.

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Rule 23. Supervising Current. When closed circuit fire alarm systems are used, a small current flow to constantly supervise each circuit shall be maintained. A milliammeter, or other approved current indicator shall be provided and so connected as to indicate the supervising current.

Such supervising circuit shall be provided with a trouble bell arranged to ring continuously in case of any disarrangement of the system. The trouble bell shall be placed in the engine room or other approved location, free from moisture, dust and possibility of mechanical injury, under frequent view and in audible range of some responsible person in the building and shall be connected to the electric light or power service in the building. Permission may be granted by the fire commissioner to connect the trouble bell to a battery of at least four cells of approved type.

Rule 24. Protection of Sending and Signaling Devices. In fire alarm signal systems all moving parts of sending stations and signaling devices shall be enclosed in metal casings, made dust-proof and damp-proof when necessary, and clearly marked with instructions for use.

Whenever necessary, hammer rods of gongs shall be suitably protected against mechanical injury or derangement by the use of a guard or other suitable means. If subject to mechanical injury, the entire device shall also be enclosed in a protecting case made of approved wire netting or perforated metal. All casings shall be insulated from current-carrying parts, but shall be grounded to the conduit in electrically-driven systems.

Rule 25. Electric Apparatus. In electrically operated interior fire alarm signal systems, not more than twenty alarm boxes nor more than fourteen gongs shall be placed on one circuit. All electrically actuated apparatus shall be so designed and constructed that it will operate satisfactorily at a current flow of 25 per cent above or below the normal operating current. In battery systems, the normal operating current shall be indicated on all relays and gongs.

Magnet windings shall be impregnated with an insulating moisture-repelling compound or shall be of enameled wire.

All connections shall be properly protected, securely made and where subject to motion, shall be approved flexible wire.

Binding posts shall be of such a character that wire is held between two flat surfaces.

Adjustments must be of such a character that they can be securely locked.

Contact points shall be ample in area, not only to take care of the current used in operation, but to insure long life and shall be of pure silver, platinum, or other approved material.

The armatures of all relays shall primarily depend on gravity for their operation, but this action may be assisted by springs when approved by the fire commissioner.

Rule 26. Control Boards. All relays, current indicators, resistances, time limit devices, and other apparatus used in connection with the operation and supervision of closed circuit fire alarm signal systems shall be properly mounted on a panel of approved material, in a metal cabinet provided with lock and key. The control board shall be located in a place subject to the least vibration, free from moisture, inflammable gases, dust and mechanical injury, and under frequent view of a responsible occupant of the building delegated by the owner to be in charge.

Rule 27. Battery Cabinets. All batteries for fire alarm signal systems shall be placed in substantial protecting cabinets thoroughly ventilated, elevated not less than one nor more than five feet above the floor, and located in clean, dry and cool places where the temperature will not be less than 40 nor more than 100 degrees Fahrenheit. Main battery cabinets shall be so constructed that the condition of the elements may be observed without disturbing the cells.

Metal battery cabinets shall be constructed of sheet iron or steel, not less than No. 14 U. S. Gauge in thickness,

properly reinforced by angle irons, with self-closing doors provided with lock and key and wood shelves not less than seven-eighths of an inch thick, properly fastened and secured to prevent sagging. The interior and the exterior of the cabinet shall be protected with three coats of asphaltum compound, each coat to be thoroughly dry before the next is applied, or, with baked enamel. Where dry cells are housed in metal battery cabinets, the supports shall be so constructed as to prevent the cartons from coming in contact with the metal of the cabinet and with each other.

Wood battery cabinets shall be constructed of the first grade of kiln dried wood not less than seven-eighths of an inch thick and shall be provided with self-closing door and approved lock. The shelves shall be not less than seven-eighths of an inch thick properly fastened and secured to prevent sagging. The cabinet shall be of substantial construction, painted on the interior with three coats of asphaltum compound and on the exterior with three coats of lead paint or two coats of varnish. Where dry cells are housed in wood battery cabinets, the supports shall be so constructed as to prevent the cartons from coming in contact with each other.

Rule 28. Attachment to Walls. All material and devices used in fire alarm signal systems shall be rigidly secured in position and when attached to masonry walls, shall be fastened by through bolts, metal expansion shields or toggle bolts. Wooden plugs shall not be used.

When the fire alarm apparatus is mounted upon a back board, such back board shall be not less than seven-eighths of an inch thick, filled with a non-absorptive compound with an air space of at least one-quarter of an inch behind the back board for the free circulation of air.

Rule 29. Painting of Equipment. All enclosing cases for fire alarm apparatus shall be finished in red, except where special permission is given by the fire commissioner to deviate from this requirement.

Rule 30. Wiring. Except as may be otherwise specifically prescribed by the board of standards and appeals, the wiring shall conform to the requirements of Chapter 9 of the Code of Ordinances for light and power installations. Conduits shall contain only conductors used in the fire alarm system. All conductors shall be run in approved rigid iron conduit. Armored cable may only be used by special approval of the fire commissioner. When special care is taken to insure the wires against injury, four wires may be placed in half-inch rigid iron conduits. Splices shall be permitted only where absolutely necessary. Conductors shall consist of not less than No. 14 B. & S. gauge copper wire, having rubber insulation wall not less than 3/64 inches thick.

Where necessary to assure reliable service, connections of conductors to terminals or binding posts shall be soldered. The use of a blow torch for soldering connections to terminals shall not be permitted.

Where wires pass underground from one building to another, they shall be enclosed in conduits and shall be lead encased. Wires between buildings, when not run in conduit, shall be at least equivalent in conductivity and tensile strength to No. 8 B. & S. gauge copper wire for box and signaling circuits and shall be supported at least every seventy-five feet on approved glass insulators and brackets. As far as possible they shall be run under, rather than over, electric light or power wires.

Rule 31. Sprinklered Buildings, Sources of Water Supply. In the enforcement of the provisions of §83-a, labor law, with respect to fire alarm signal systems and fire drills, automatic sprinkler systems shall be deemed to have two adequate sources of water supply within the meaning of said section, if the system is a two-source system as defined in the Rules of the Board of Standards and Appeals for Fire Extinguishing Appliances, or when the system is equipped with and supplied by either a gravity tank or a pressure tank and a fire department connection. (Amendment, Dec. 6, 1917.)

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
443-26-SA—American Anti-Syphon Valve.
380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
209-32-SA—Croker 4-inch Siamese.
237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
528-32-SA—Weldon Extinguisher.
23-33-SA—Sunrex Range Oil Burner.
98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
126-33-SA—Tower Range Oil Burner.
164-33-SA—Firemaster Fire Extinguisher.
218-33-SA—Presto Gas Pressing Machine Burner No. 10.
349-33-SA—Herco Oil Burner.
32-34-SA—Super Oil Burner for Pressing Machine.
92-34-SA—Autocall Interior Fire Alarm Signal Systems.
128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

- 165-34-SA—Rose Oil Heater.
203-34-SA—King Oil Burner.
205-34-SA—Automatic Firetox Extinguisher.
224-34-SA—Progressive Press Machine Oil Burner.
234-34-SA—Bland Range Oil Burner.
300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
301-34-SM—"Radbur" Flameproofing Compound.
302-34-SA—Loyalty Range Burner.
321-34-SA—Shawmut "Junior" Range Burner.
322-34-SA—Shawmut "DeLuxe" Range Burner.
325-34-SA—Diamond Range Oil Burner.
356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
17-35-SA—Toridheet Oil Burner, Model G.
29-35-SA—Aetna Range Oil Burner.
30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
47-35-SA—Ace Rotary Oil Burner.
51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.
85-35-SA—Greenawalt Down Draft Combustion Oil Burning Furnace.
89-35-SA—Siphon-Proof Water Closet, Type "A".
97-35-SA—Roper Rotary Pump for Fuel Oil.
98-35-SA—Heat King Oil Burner, Model 2.
99-35-SA—Kleen Heet Oil Burner, Type 902.
102-35-SA—Range-O-Matic Oil Pump, Pressure and Suction Model and Model 50.
108-35-SA—Concord Burner.
113-35-SA—Ryan Marvel Oil Burner, Model M.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	17
Cases filed up to May 22, 1935	129	Dismissed	6
Restored to Calendar	45	Denied	45
		Granted	3
		Granted on condition	76
		Appliances approved	38
		Appliances dismissed, disapproved or withdrawn	4
		Rules approved	1
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	170	Requests to reopen granted	154
Requests to amend	78	Requests to reopen denied	5
Requests for modification	0	Requests to amend granted	78
Requests to rescind	1	Requests to amend denied	0
Requests for extension of time	26	Requests for modification granted	0
Requests for extension of permit	5	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	1
Requests for approval of plans	5	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	26
Requests for interpretation	0	Requests for extension of time denied	0
Total	622	Requests for extension of permit granted	5
Disposed of	475	Requests for extension of permit denied.....	0
Cases pending May 22, 1935	147	Requests to install granted.....	0
		Requests to install denied	0
		Plans approved	5
		Plans disapproved	0
		Administrative requests granted.....	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	11
		Total	475

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be allowed to be hung up by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX	Subscription \$2.50 a year	JUNE 4, 1935	Single Copies, 5 cents By mail, 8 cents	No. 23
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DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman
BERNARD A. SAVAGE
CHARLES M. BLUM
CHIEF JOHN J. McELLIGOTT
EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.
TELEPHONE—WORTH 2-0184.
OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.
All communications should be addressed to the chairman of the board

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Smoking in Factory, Rules.
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Concrete Rules (Hydrated Lime).
Reserve Calendar.
Approved Fireline Hose Valves.
Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, June 3, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, June 10, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET

New Cases filed up to May 29, 1935.

Cal. No.	Department	Premises Affected
139-35-SA....	F.D.....	Syncro-Flame Oil Burner, Model R, Appliance.
138-35-BZ....	D.B.Q.....	Northern boulevard, N.S. 50 ft. west of 248th street (Block 3976, part of Lot 39), Little Neck, Queens, Applic. 1554-35.
137-35-BZ....	D.B.M.....	113-123 West 51st street and 112- 118 West 52nd street (Block 1004, Lots 19-23 and 41-44), Manhattan, Applic. 78-35.
136-35-BZ...	D.B.Bx...	1540 East 172nd street, S. E. corner Boynton avenue (Block 3774, Lot 40), The Bronx, Applic. 638-34.
135-35-SA....	F.D.....	Loyalty Conversion Hot Water Heater, Appliance.
134-35-SA....	F.D.....	Fluid Heat Oil Burner, Gun-Type Model P, Appliance.
133-35-SA....	FD....	Monarch Industrial Oil Burner, Appliance.
132-35-BZ....	D.B.Q.....	103-04 97th avenue, S. E. corner 130th street (Block 508, Lot 6), Richmond Hill, Queens, Applic. 2829-35.
131-35-BZ...	D.B.R.....	137 Lyman avenue (Block 3071, Lot 25), Fort Wadsworth, Richmond, Applic. 253-35.
130-35-BZ....	D.B.B.....	402-10 64th street and 64-01 to 64-19 4th avenue, S. E. corner (Block 5818, part of Lot 1), Brooklyn, Applic. 3167-35.

Restored to Calendar.

328-34-BZ....	D.B.Bx...	1449 Vyse avenue, W. S. 100 ft. south of Jennings street (Block 2987, Lot 33), The Bronx, Alt. 361-34.
485-28-BZ...	D.B.Bx...	3561-3567 White Plains road and 670 East 213th street, southwest cor- ner (Block 4643, Lot 37), The Bronx, Alt. 267-35.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

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Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19 No. 49
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Elevator Rules	May 21, 1935—Vol. 20 No. 21
Exit Rules (Revolving Doors)....	Jan. 1, 1935—Vol. 20 No. 1
Factory Exit Rules	June 4, 1935—Vol. 20, No. 23
Fire Alarm Rules (Interior).....	May 28, 1935—Vol. 20 No. 22
Fire Drill Rules	June 4, 1935—Vol. 20, No. 23

Fire Retarding Rules for Garages, etc.	May 21, 1935—Vol. 20 No. 21
Fireproof Wood, Testing of.....	Apr. 9, 1935—Vol. 20 No. 15
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Gas Shut-Off Rules	Apr. 7, 1925—Vol. 10 No. 14
Hatchway Protection	June 5, 1928—Vol. 13 No. 23
Oil Burner Rules	May 7, 1935—Vol. 20 No. 19
Paint, Varnish and Lacquer Spray- ing Rules.....	Nov. 27, 1934—Vol. 19 No. 48
Plumbing Rules.....	Apr. 30, 1935—Vol. 20 No. 18
Procedure, Rules of.....	May 7, 1935—Vol. 20 No. 19
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Range Oil Burners and Space Heaters	June 4, 1935—Vol. 20, No. 23

COURT DECISIONS

Matter of Levy res. (Board of Standards and Appeals ap.) May 31, 1933, Board granted gasoline station partly in unrestricted and partly in business district, under section 21, Cal. No. 93-33-BZ; Premises 246-50 Atlantic avenue, S.W. cor. Boerum pl., Brooklyn. Mr. Justice Cuff reversed Board (N. Y. L. J. April 12, 1934). Appellate Division reversed Special Term and sustained Board and held: "There was sufficient evidence before the Board of Standards and Appeals to justify its determination. * * * The Board's action is not limited to cases where witnesses have been heard. Without any witnesses at all it may act of its own knowledge, for * * * it is made up of men with special qualifications of training and experience." * * * The Board of Standards and Appeals had a discretionary duty in the matter and nothing appears in this record from which it may be said that it reached an arbitrary determination." (N. Y. L. J., January 14, 1935.) Court of Appeals reversed Appellate Division and affirmed order of Special Term reversing Board, on the ground that the hardship alleged by applicant was common to adjacent properties on same frontage. (N. Y. L. J., May 22, 1935.)

* * *

Matter of Ward (Murdock)—July 3, 1934, Board denied gas station in business district, under section 21; Cal. No. 118-34-BZ; Premises 1015-1023 Glenmore avenue, N.W. cor. Euclid avenue, Brooklyn. Mr. Justice May reversed Board (N. Y. L. J., May 25, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, JUNE 3, 1935, AT 2 P. M.

Building Zone Cases.

27-35-BZ.

APPLICANT—John J. Dunnigan, for Bertha Schrank, owner.

PREMISES—3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station.

CALENDAR

431-31-BZ.

APPLICANT—Anna Segall, owner.

PREMISES—2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362, Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

110-35-BZ.

APPLICANT—Scacchetti & Siegel, for 2210 Grand Concourse, Inc., owner.

PREMISES—2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

510-32-BZ.

APPLICANT—Arthur W. Renander, for Hermine Weber, owner.

PREMISES—135-15 to 135-23 Rockaway boulevard and 120-32 to 120-38 Van Wyck boulevard, northwest corner (Block No. 2558, Lot Nos. 1 and 3), South Ozone Park, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution, (reopened May 15, 1934),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

JUNE 4, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 4, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 74-35-BZ—Application, March 15, 1935, under section 21 of the building zone resolution, of Charles B. Meyers, applicant, on behalf of Zex Realty Corp., owner, to permit in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station; premises 2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Brooklyn.

CAL. NO. 82-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Benjamin Millstein, applicant, on behalf of Millie Siegel, owner, to permit in a residence district the alteration and change of occupancy of part of an apartment house to business use; premises 210 West 88th street (Block No. 1236, Lot No. 41), Manhattan.

CAL. NO. 83-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Benjamin Millstein, applicant, on behalf of Millie Siegel, owner, to permit in a residence district the alteration and change of occupancy of part of two (2) apartment houses to business use; premises 204 and 206 West 88th street (Block

No. 1236, Lot Nos. 38 and 39), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

JUNE 4, 1935, 2 P. M.

Appeals from Administrative Orders.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

18-35-A—900-910 Jamaica avenue and 5-9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.

128-35-A—701 Oriental boulevard, corner of Ocean avenue (Block No. 7517, Lot No. 2020), Manhattan Beach, Brooklyn (Manhattan Beach Baths).

129-35-A—1702 Shore boulevard, corner of Oxford street (Block No. 7517, Lot No. 1460), Manhattan Beach, Brooklyn (Oriental Beach Baths).

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, June 4, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 222-34-BZ—Application, August 2, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Meyer Werman, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board October 30, 1934; restored to active Calendar May 14, 1935); premises southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, JUNE 10, 1935, AT 2 P. M.

Building Zone Cases.

86-35-BZ.

APPLICANT—Elias K. Herzog, for Frances Foster, owner.

PREMISES—1750 Davidson avenue, southeast corner of West 176th street (Block No. 2861, Lot Nos. 67 and 69), The Bronx.

CALENDAR

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a residence district the alteration and change of occupancy of part of a multiple dwelling to business use (stores).

103-35-BZ.

APPLICANT—Michael Levine, for Angelo Dell Abate and Louis Piccola, owners.

PREMISES—5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

106-35-BZ.

APPLICANT—Fertig, Walter and Gottesman, for Michael Tuch, owner.

PREMISES—153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.).

115-35-BZ.

APPLICANT—Eugene De Rosa, for Amsterdam Apartments, Inc., owner.

PREMISES—361-363 West 23rd street, north side, 150 ft. 1 1-8 in. east of 9th avenue and between 346-348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

APPLICATION, under sections 7c and 21 of the building zone resolution.

TO PERMIT partly in a business district and partly in a residence district, the erection and maintenance of a building to be used as a motion picture theatre, stores and offices.

567-32-BZ.

APPLICANT—Raymond B. Stringham, for A. C. & H. M. Hall Realty Company, owner.

PREMISES—3320-3338 Broadway, east side, from West 134th to West 135th streets (Block No. 1988, Lot No. 1), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened May 14, 1935),

TO PERMIT the amendment of a resolution, granting in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles, so as to include an additional vehicular driveway and also, the alteration and change of occupancy of part of said garage to include a gasoline service station.

JUNE 11, 1935, 10 A. M.

Building Zone Cases.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 11, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 73-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of Max Hausle, applicant, on behalf of Mary Entenmann, owner, to permit in a business district on a plot of ground, on the northerly portion of which there

exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop; premises 1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

CAL. NO. 257-33-BZ—Application of Alfred H. Eccles, on behalf of Oliver Holding Corp., owner, reopened May 22, 1934, under section 21 of the building zone resolution, to permit in a residence district the maintenance of an open air parking space and a small office building; premises 41-22 to 41-48 46th street, west side, 100 ft. north of 43rd avenue and 41-23 to 41-47 45th street (Block No. 156, Lot Nos. 5 and 31), Woodside, Borough of Queens.

CAL. NO. 492-29-BZ—Application of Charles Schaefer, Jr., on behalf of Theobald Bros. Corporation, owner, reopened December 11, 1934, under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores); premises 2183-2185 Grand concourse, west side, 154.94 ft. south of East 182nd street (Block No. 3162, Lot No. 30), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

JUNE 11, 1935, 2 P. M.

Appeals from Administrative Orders

72-35-A—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

33-35-A—134-27 218th street (Block No. 3590, Lot No. 13), Springfield, Borough of Queens.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, June 11, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 915-19-BZ—Application of Jacob Feld, on behalf of Paul Viane, owner, reopened May 14, 1935, to permit the connection by vehicular opening protected by fire door, of a garage for more than five (5) motor vehicles in a business use district, granted by the Board under Section 7e of the building zone resolution on December 18, 1919, with a garage for more than five (5) motor vehicles in an unrestricted use district; premises 685-691 Lenox avenue, northwest corner of West 144th street and 104-106 West 145th street (Block No. 2013, Lot Nos. 29 and 37), Manhattan.

CALENDAR

CAL. NO. 80-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Kavy and Kavovitt, Inc. applicants, on behalf of Sophia A. Seidman and Estate of Sarah Newland, owners, to permit on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements; premises 1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

CAL. NO. 441-31-BZ—Application, September 9, 1931, under section 7f of the building zone resolution, of Michael Giventer, applicant, on behalf of Isidor Popkin, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board March 29, 1932; restored to active Calendar April 30, 1935); premises 7702-7704 Flatlands avenue, southeast corner of East 77th street (Block No. 8014, Lot No. 1), Brooklyn.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

CAL. NO. 99-33-BZ—Application of Seelig and Finkelstein, Inc., on behalf of New York Rapid Transit Corporation, owner, reopened May 21, 1935, under section 21 of the building zone resolution, for consideration as to the extension of time of permit re Application, granted on certain conditions July 11, 1933, permitting in a business district the use and occupancy of a vacant plot of ground as an open air parking space for more than five (5) motor vehicles; premises 3068-3074 Ocean parkway, west side, 283 ft. 7 in. north of Sea Breeze avenue (Block No. 7282, part of Lot No. 57 and part of Lot No. 60), Brooklyn.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos.

4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, JUNE 17, 1935, AT 2 P. M.

Building Zone Cases.

107-35-BZ.

APPLICANT—Scacchetti & Siegel, for estate of Julian Ismay Jones, infant, owner; May Ismay Sullivan, general guardian.

PREMISES—1301-1305 Jerome avenue and 1-9 West Clarke place, northwest corner (Block No. 2856, Lot Nos. 60 and 63), The Bronx.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT upon a plot of ground located partly in an unrestricted district and partly in a business district, the erection and maintenance of a building to be used as a garage for more than five (5) motor vehicles and motor vehicle repair shop and, also, a gasoline service station.

116-35-BZ.

APPLICANT—Andrew F. Weber, for Ann H. Draper, owner

PREMISES—103-44 Springfield boulevard, northwest corner of Hollis avenue (Block No. 2008, Lot No. 22A), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of part of an existing dwelling so as to include a business use (undertaking establishment).

641-30-BZ.

APPLICANT—Michael Shanley, for 2508 Broadway, Inc., owner.

PREMISES—South side of Hillside avenue 41 ft. east of 207th street (Block No. 1508, Lot Nos. 3, 4, and 5), Queens Village, Borough of Queens.

APPLICATION, under sections 7f and 21 of the building zone resolution (reopened April 23, 1935),

TO PERMIT partly in a business use district and partly in a residence use district, the maintenance of a gasoline service station for a further period of two (2) years.

203-33-BZ.

APPLICANT—Lama and Proskauer, for Borden's Farm Products Co., Inc., owner.

PREMISES—365-379 4th avenue, east side 20 ft. north of 6th street (Block No. 987, part of Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened April 30, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

1066-25-BZ

APPLICANT—Roland Lievendag, owner.

PREMISES—Northwest corner of 46th avenue (Queens avenue) and 164th street (24th street); (Block No. 5442, Lot No. 81), Flushing, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened April 30, 1935).

TO PERMIT in a business district the alteration of a garage for more than five (5) motor vehicles (with permit for sale of gasoline), which was granted by the board, on March 30, 1926 (and extended into the residence district under Cal. No. 74-28-BZ) so as to form an alcove gasoline service station.

CALENDAR

JUNE 18, 1935, 10 A. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 18, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 61-35-BZ—Application, March 8, 1935, under section 21 of the building zone resolution, of W. H. Harrington, applicant, on behalf of Joseph L. Fries Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JUNE 18, 1935, 2 P. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, June 18, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 485-28-BZ—Application of Henry Lichtig, on behalf of Service Garage, Inc., owner, reopened May 28, 1935, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of a portion of an existing garage for more than five (5) motor vehicles (previously granted by the board) so as to include a gasoline service station; premises 3561-3567 White Plains road and 670 East 213th street, southwest corner (Block No. 4643, Lot No. 37), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, MAY 28, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, May 21, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, May 21, 1935, were approved as printed in Bulletin No. 22, Vol. XX.

BUILDING ZONE CASES

73-35-BZ.

APPLICANT—Max Hausle, for Mary Entenmann, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop.

PREMISES AFFECTED—1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Joseph Diefenbach.

For Opposition: Herbert A. Trebing.

ACTION OF BOARD—Laid over to June 11, 1935, at 10 a. m., on request of attorney for objector.

340-23-BZ.

APPLICANT—Clarence F. Kaltenbach, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and conversion of a portion of a garage (previously granted by the board) so as to extend an existing gasoline service station erected prior to 1925 (reopened November 20, 1934).

PREMISES AFFECTED—888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Brooklyn.

APPEARANCES—

For Applicant: Clarence F. Kaltenbach.

For Administration: Benjamin Saltzman, assistant engineer for the department of buildings.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

THE RESOLUTION—

(340-23-BZ)

WHEREAS, this application affecting premises 888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Borough of Brooklyn, was granted by the board on certain conditions on December 4, 1923, permitting partly in a business use district and partly in a residence use district the erection of a garage for more than five motor vehicles, this action was amended January 22, 1924, by approval of plans, showing a gasoline service station at one corner of garage building; and

WHEREAS, present owner requested a reopening of the case and an amendment of the resolution to permit the extension of the gasoline service station over a larger area and the case was reopened by vote of the board, November 20, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 28, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jamaica avenue is in a business and residence district; Autumn avenue is in a business and residence district and Hemlock street is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 6, 1933, re App. No. 10942-34, reads:

"Extending gasoline service station in a business zone is contrary to Art. 2, Sec. No. 6, of Zone Resolution."

and

MINUTES

WHEREAS, the premises consist of a plot of ground having a frontage of 125 ft. 10 in. on Autumn avenue and 105 ft. 5½ in. on Jamaica avenue. This plot is developed with a one-story garage for more than 5 motor vehicles excepting for a segmental shaped area (having a radius of 27 ft. 4 in.) at the northeast corner of the plot which is occupied as a gasoline service station; an irregular area at the southerly part of the plot extends into the residence district for a distance of 25 ft., the remainder is in the business district. It is proposed to remove and relocate part of the wall of the existing garage building and to use the space (thus created) between the relocated walls and the building line of Jamaica avenue as an extension to the existing gas station. The station, as proposed, to have a frontage of 27 ft. 4 in. on Autumn avenue and 60 ft. 4 in. on Jamaica avenue; and

WHEREAS, the board deemed that the applicant had substantiated his basis of appeal under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of December 4, 1923, as amended by resolution approving plans adopted January 22, 1924, so as to permit alteration as proposed to the existing building, such alteration to consist of the enlargement of the gasoline selling area, as indicated on plans marked "Received November 5, 1934," *on condition* that this gasoline selling area shall be cement paved and shall be substantially at the level of Autumn and Jamaica avenues; that the wall separating the gasoline selling area from the balance of the garage shall be constructed of brick, as indicated; that all windows therein shall be of fireproof frames and sash and glazed with polished wire plate glass, except that the show window into the office, as shown, may be of plate glass, provided the office enclosure is constructed of fireproof materials; that there shall be no open excavation under this gasoline selling area; that there shall be not more than one double door from the gasoline selling area into the garage, as indicated; that no additional curb cuts shall be erected on Autumn avenue other than that now existing and not over two curb cuts on Jamaica avenue not exceeding 20 feet in width each; that no gasoline pumps shall be erected nearer than 10 feet to the street building line; that no portable gasoline pumps shall be used on or from the gasoline selling area; that advertising shall be limited to the illuminated globes of the pumps and to a flat sign attached to the front wall of the garage and to one post standard erected within the building line near the intersection of Jamaica and Autumn avenues, to carry an illuminated sign advertising only the brand of gas on sale and permitting this sign to overhang the building line not over 8 feet; that other than as amended herein the resolution adopted by the board on December 4, 1923, as amended by resolution adopted January 22, 1924, approving plans, shall be complied with in all respects; that all work involved shall be completed within six months from the date of this resolution.

352-32-BZ.

APPLICANT—David S. Lang, for Max Goldman, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station (previously granted by the board for a temporary period—the temporary period has expired; reopened February 13, 1935).

PREMISES AFFECTED—3305-3311 Boston road and 1152 East 211th street, southwest corner (Block No. 4705, Lot Nos. 62-65), The Bronx.

APPEARANCES—

For Applicant: David S. Lang, Leo Goldman.

For Opposition: None.

ACTION OF BOARD—Resolution amended and time extended.

THE VOTE TO AMEND RESOLUTION AND EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3

Negative: Assistant Chief Kidney 1
Absent 0

THE RESOLUTION—

(352-32-BZ)

WHEREAS, this application affecting premises 3305-3311 Boston road and 1152 East 211th street, southwest corner (Block No. 4705, Lot Nos. 62-65), Borough of The Bronx, to permit under section 7, subdivision F, in a business use district the maintenance of a gasoline service station, was granted by the board for a temporary period of two years January 20, 1933, on certain conditions; and

WHEREAS, the owner, through his attorney, requested a reopening of the case, the permit having expired and an extension of the temporary period and the application was reopened by vote of the board February 13, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 28, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Boston road is in a business district; East 211th street is in a business and residence district and Gun Hill road is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered April 9, 1935, re (App. No. 237-32), reads:

"1. Erection of building and occupancy of premises in business district as gasoline service station is contrary to provisions of Building Zone Resolution.

"Resolution of Board of Standard and Appeals 352-32-BZ, permitted occupancy of premises for two years from January 20, 1933, and time of permit has expired.";

and

WHEREAS, the premises consist of an irregularly shaped plot of ground having a frontage of 123.3 ft. on Boston road, 107.9 ft. on East 211th street and a distance of 100 ft. along the south lot line. Upon the plot there are located a one-story office and grease pit structure, 38 ft. 4 in. by 22 ft. 8 in. in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the board deemed that the applicant was entitled to further relief under section 7, subdivision F, of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and amends its resolution of January 20, 1933, granting the application under section 7, subdivision F, for a temporary period of two years from the date of this action, *on condition* that all pumps shall be set back from the street lines of Boston road and 211th street at least 10 feet; that there shall be not more than two entrances both from Boston road and that the curb cuts opposite shall not exceed 22 feet each; that the existing building shall be limited to one story in height and located substantially as shown on plans filed with this application and shall not be enlarged or increased in height; that all advertising signs shall be restricted to the illuminated globes of the gasoline pumps, to a flat wall sign erected on the front of the accessory building and to a post standard erected within the building line near the intersection of Boston road and 211th street to carry an illuminated sign advertising only the brand of gasoline sold, and permitting this sign to overhang the building line not more than 8 feet, precluding all roof signs and all other signs of a temporary nature; that no portable gasoline pumps shall be used on or from the property; that there shall be no open excavation under the accessory building except pits for greasing racks and no open flame of any kind permitted on the premises; that there shall be no open grease pits installed; that no automobile repairing shall be carried on and no parking of cars other than those being serviced; that all permits required shall be obtained within thirty (30) days from the date of this amended resolution.

Adjourned, 11:00 a. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

REGULAR MEETING
TUESDAY AFTERNOON, MAY 28, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

34-35-BZ.

APPLICANT—Jacob Sulzbach, for Ken-Isle, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit on a plot of ground, located in a business and residence use district on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dye building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.

PREMISES AFFECTED—18-05 11th avenue, east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46, Block No. 4732, Lot No. 9, Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

APPEARANCES—

For Applicant: Irving M. Fenichel, Isidore Paul.

For Opposition: Emanuel H. Jerabek, Michael Tursi, T. Kelly, F. Holderer, W. Heil, Max Jordan, H. Strubinsky, V. Sikora and J. Sassner.

ACTION OF BOARD—Laid over to June 11, 1935, at 2 p. m., to permit filing of additional affidavits.

477-28-BZ.

APPLICANT—Grandside Realty Corporation, owner.

SUBJECT—Request for reopening—extension of time—re Application (decision of the superintendent of buildings) under sections 7c and 21 of the building zone resolution, permitting partly in a business district and partly in a residence district, the erection and maintenance of a business use (stores).

PREMISES AFFECTED—Southwest corner of Burnside avenue and Grand Concourse (Block No. 2808, Lot No. 82), The Bronx.

APPEARANCES—

For Applicant: Arthur O'Leary.

ACTION OF BOARD—Request to reopen, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO RE-OPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

328-34-BZ.

APPLICANT—Henry Nordheim for Max Mirowitz, owner.

SUBJECT—Application—restoration—previously withdrawn Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1449 Vyse avenue, west side, 100 ft. south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

APPEARANCES—

For Applicant: Henry Nordheim.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0
Absent 0

485-28-BZ.

APPLICANT—Henry Lichtig, for Service Garage, Incorporated, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of a portion of an existing garage for more than five (5) motor vehicles (previously granted by the board) so as to include a gasoline service station.

PREMISES AFFECTED—3561-3567 White Plains road and 670 East 213th street, southwest corner (Block No. 4643, Lot No. 37), The Bronx.

APPEARANCES—

For Applicant: Henry Lichtig.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing June 18, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

53-31-BZ.

APPLICANT—Isaac T. Flatto, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the board for a temporary period; reopened February 13, 1935).

PREMISES AFFECTED—301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-A, Lot No. 63 and part of Lot Nos. 62 and 64), The Bronx.

APPEARANCES—

For Applicant: Isaac T. Flatto.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(53-31-BZ)

WHEREAS, this application affecting premises 301-331 West 230th street, northeast corner of Spuyten Duyvil road (Block No. 3406-a, Lot No. 63 and part of Lot Nos. 62 and 64), Borough of The Bronx, was granted by the board June 30, 1931, under section 7, subdivision F, for a temporary period of two years on certain conditions; and

WHEREAS, this case was reopened January 4, 1933, the applicant having requested a permanent variation under section 21, but after a public hearing the board deemed that the temporary period should be extended under section 7, subdivision F and on March 14, 1933, extended the period for an additional two years from June 30, 1933; and

WHEREAS, the applicant again requested a reopening of the case under section 21 for a permanent variation and the case was reopened by vote of the board February 13, 1935, to permit in a business district the permanent maintenance of a gasoline service station; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 28, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

MINUTES

WHEREAS, the use district maps accompanying the building zone resolution show that Spuyten Duyvil road is in business and unrestricted districts; West 230th street is in business, unrestricted and residence districts; Tibbett avenue is in residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered January 22, 1935, reads:

"Your request for a certificate for permanent occupancy of the gasoline service station at northeast corner of Spuyten Duyvil road and 230th street, in the Borough of The Bronx, erected under S. A. 1454-31, is hereby denied as the premises are located in a business district and the occupancy of premises as a gasoline service station was approved by the Board of Standards and Appeals on June 30, 1931, under Calendar No. 53 of 1931 for a period of two years from that date and extended by said board on March 14, 1933, for a period of two years from June 30, 1933.

"A certificate of occupancy for permanent use of premises for gasoline service station cannot be issued by this department until the occupancy of the premises for permanent use as a gasoline service station has been approved by the Board of Standards and Appeals.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 85.45 ft. on West 230th street and a depth of approximately 75 ft.—upon which there is located a gasoline service station granted by the board for a temporary period. Station consists of a one-story office 22 ft. by 12 ft. in area, three 550-gallon tanks and six pumps; pumps located approximately 10 ft. back from the street lines, to be occupied as a gasoline service station; and

WHEREAS, these premises were the subject of an inspection by a committee of the board May 2, 1935, verbal report of which inspection was made by the chairman on behalf of the committee and which report recommended that the board grant an extension of the temporary variance only, in view of the previous opinion of board that the section was undeveloped and there having been no change of conditions; and

WHEREAS, the board deemed that the temporary permit should be extended.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of March 14, 1933, to permit a continuance of the use of the gasoline service station for a period of two years from June 30, 1935, *on condition* that other than as amended herein the resolution adopted by the board on March 14, 1933, shall be complied with in all respects and that no additions or alterations shall be made meanwhile to the existing accessory buildings and layout.

50-35-BZ.

APPLICANT—August Stiano, for Francis G. Hooley and Sara Wilson, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit on a plot, extending from a business district into a residence district the erection and maintenance of a gasoline service station on the business part of the plot.

PREMISES AFFECTED—1264 Castleton avenue, south side, 272.09 ft. east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Borough of Richmond.

APPEARANCES—

For Applicant: August Stiano and Frank Roughan.
For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(50-35-BZ)

WHEREAS, August Siano, for Francis G. Hooley & Sara Wilson, owners, filed February 21, 1935, an application under the building zone resolution to permit on a plot extending from a business district into a residence district the erection and maintenance of a gasoline service station on the business part of the plot; premises 1264 Castleton avenue, south side, 272.09 ft. east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Borough of Richmond; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 28, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Castleton avenue and Clove road are in business and unrestricted districts, Dongan street and White place are in residence and unrestricted districts; and

WHEREAS, the decision of the commissioner of buildings, rendered February 8, 1935, re N. B. 22-1935, reads:

"Your application New Building No. 22-1935, filed February 6, 1935, for the erection of a gasoline selling station at premises 1264 Castleton avenue, south side 272.09 ft. east of Clove road, West New Brighton, Borough of Richmond, is hereby disapproved, it being contrary to erect a gasoline selling station in a business and residence zone.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 66.6 ft. and a depth of 300 ft. Approximately one-half (the north portion) of the lot is in the business district and the remainder (the rear) of the plot is in the residence district. It is proposed to erect 40 ft. from the street line and within the business district portion of the plot a one-story building 25 ft. by 40 ft. in area to be used as office and for car washing; the entrance to the car washing space is from the rear of the lot; an outside grease pit and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection and report by a committee of the board, which report was read at this hearing, and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 50-35-BZ.

Premises: 1264 Castleton avenue, south side, 272.09 ft. east of Clove road (Block No. 213, Lot No. 33), West New Brighton, Richmond.

This is an application under section 21 for a zoning variation to permit the front portion of a vacant plot in a business use district to be used as a gasoline selling station. The applicant is now the tenant of an adjoining lot at 1270 Castleton avenue and he proposes to extend the gasoline station use on that lot established before the prohibitive amendment of 1925 to the lot under appeal and to continue to occupy both.

The owner makes no claim of hardship. It is the prospective tenant that claims a personal hardship because he desires to increase his plant. This is no basis for hardship under the zoning resolution.

Within a few hundred feet to the west there is an unrestricted use district fronting on Castleton avenue and also on Clove road, where gasoline stations can be legally erected and where they properly belong. It is a defect in the law, that properly spaced districts are not set apart where gasoline stations and garages, admittedly public requirements, can be located, so as to be conveniently accessible. Here, that comment fortunately has no weight because there is such an unrestricted district located nearby and as accessible to traffic.

A committee of the board inspected this site on May 23, 1935, and can find nothing unique in the location or conditions of this plot to justify a zoning variation other than the fact that it adjoins a gasoline station and

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a motor vehicle repair shop. The immediate area is largely a business area along Castleton avenue, with some residential uses on that avenue and nearby in the residential zones. This plot could readily be used for conforming purposes.

The committee recommends denial.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of the application and the board deemed that applicant had failed to substantiate the basis of his appeal, brought under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is affirmed and that the application be and it hereby is denied.

92-31-BZ.

APPLICANT—Abraham N. Horwitz, for Sarah Raskin and Yetta Raskin, owners.

SUBJECT—Application (re decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit in a business district the permanent maintenance of a gasoline service station (previously granted by the board for a temporary period; denied by the board for a permanent maintenance and referred back to the board by the Court; reopened February 13, 1935).

PREMISES AFFECTED—8401-8411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

APPEARANCES—

For Applicant: Abraham N. Horwitz.

For Opposition: None.

ACTION OR BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(92-31-BZ)

WHEREAS, Abraham N. Horwitz, for Sarah Raskin and Yetta Raskin, owners, filed February 19, 1931, an application under the building zone resolution to permit in a business district the maintenance of a gasoline service station, premises 8401-8411 Flatlands avenue and 769 East 84th street, northeast corner (Block No. 8005, Lot Nos. 6, 7 and 8), Borough of Brooklyn; and

WHEREAS, this application was originally filed under section 21 but applicant amended the application so as to request a temporary permit for 2 years under section 7, subdivision F; and

WHEREAS, under date of June 23, 1931, the board granted the application for a temporary period under the provisions of section 7, subdivision F, on certain conditions, after an inspection and report by a committee of the board; and

WHEREAS, thereafter on April 4, 1933, the application was again reopened for consideration under section 21 and after an inspection by a committee of the board, which recommended the denial of the application under section 21 and the granting of the application under section 7, subdivision F, for a temporary period of two years and after the applicant had refused to accept this temporary permit the board denied the application June 20, 1933; and

WHEREAS, the case was reviewed by the court and was remitted to the board by the Appellate Division for further consideration and taking of testimony as to hardship; and

WHEREAS, this application was reopened by vote of the board February 13, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting,

May 28, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Flatlands avenue is in a business district; East 84th street is in unrestricted and residence districts and East 85th street is in unrestricted and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered April 12, 1933, reads:

"In response to your letter of April 11th, 1933, for a permanent certificate of occupancy for premises 8401-11 Flatlands avenue, northeast corner of East 84th street, for a gasoline station, office and grease racks, please take notice that this request is denied as contrary to Calendar No. 92-31-BZ of the Board of Standards and Appeals.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on Flatlands avenue and 85 ft on East 84th street,—upon which (according to filed plans) are located a one-story office 24 ft. by 24 ft. in area, two grease pits, two 550-gallon tanks and three distributing pumps. It is proposed to rearrange the existing station; to erect a one-story office, grease pit and auto laundry structure 56 ft. by 20 ft. in area, and, also, additional tanks and pumps. This plan is similar to that under consideration where the application was denied by the board on June 20, 1933; and

WHEREAS, applicant at the public hearing submitted additional testimony; and

WHEREAS, a committee of the board inspected the premises on May 16, 1935, report of which inspection was read at the hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 92-31-BZ.

Premises—8401-8411 Flatlands avenue and 769 East 84th street (Block No. 8005, Lot Nos. 6, 7 and 8), Brooklyn.

Under section 7, subdivision f, the board, on February 19, 1931, granted a variation to use this plot for a period of two years as a gasoline station. The application was brought under section 21, but was amended to section 7-f. As granted, the plan called for brick accessory buildings to be erected along the rear lot line and pumps erected well back from Flatlands avenue. When the two-year permit expired, the applicant insisted on a permanent permit, although the board, after inspection, offered to extend the permit for an additional two years under section 7-f, notwithstanding that the plans as filed with the appeal had not been carried out and there had been erected instead a frame office building and open greasing racks and three gasoline pumps ten feet from the building line.

On certiorari to review the board's denial of a permanent variation, the special term affirmed a referee's report recommending reversal of the board's decision. The Appellate Division, however, remitted the matter to the board for further hearing to permit applicant to submit testimony or evidence in support of his claim of hardship.

These owners purchased this property for a gasoline station in 1926, prior to the zoning change, at which time they could legally have erected the station. After they failed to obtain a permit because the change in zoning made a gas station a prohibited use, and still having a gasoline station in mind, the record shows they made no attempt to construct a conforming use. The board in 1931 recognized these facts but accepted the amendment to section 7-f. In 1933, no hardship was proven but the board offered a further extension of permit for two years which was refused.

At the hearing on May 14, 1935, no hardship was proven. The proof of hardship offered was the testimony of John Joven that stores could not be erected, that there are no transportation facilities, that the sur-

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rounding land is below grade and that he personally was willing to make a loan to improve the gasoline station if a permanent variation is granted.

The owners stated at the hearing that \$2,300 is due in taxes and assessments and that the brothers earn only \$20 a week. Apparently they would earn nothing if the amount due the city were paid. Under these conditions, even if the board could recognize that hardship exists (which has not been proven), how could the station be profitably operated, after considerable expenditure to completely reconstruct the station in line with the usual requirements imposed when a permanent variation is granted?

Flatlands avenue is now a relatively undeveloped thoroughfare, but the buildings in the section while inexpensive are all occupied for conforming use. This thoroughfare is destined to become more important in time and will warrant the construction of better development.

The committee recommends that it be suggested to the applicant that he withdraw his application under section 21 and substitute section 7-f, and that the board grant for an additional two years.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the applicant when asked by the chairman if he wished to follow the suggestion of the chairman as to withdrawal of his application under section 21, stated: "I have no application to make, my application is before the board, it is in the board's hands, in the interest of my client I consider it not proper to make an application at this time"; and

WHEREAS, this report recommended the granting of the application for an additional temporary period of two years; and the board deemed that such action should be taken.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on June 23, 1931, only so far as it has to do with the term of permit, so that as amended this portion of the resolution shall read:

"Granted under section 7, subdivision F, for a temporary period of two years from the date of this amended resolution on condition that any gasoline pumps shall be set back 10 ft. from the building line; that the entrances to the gasoline station shall be confined to the Flatlands avenue portion of the premises, which shall consist of two entrances, the curb cuts of which shall be not more than 14 ft. each in width; that any accessory use shall be confined along the northerly lot line of the premises; that these conditions shall be maintained only so long as the premises are operating under the temporary permit, and in the event that a permanent permit shall be granted at some future time, the usual conditions and restrictions which are imposed on gasoline stations shall be imposed by this board; and that other than as amended herein as to term the resolution adopted by the board on June 23, 1931, shall be complied with in all respects."

56-35-BZ.

APPLICANT—Landi and Landi, for Diego Aiello, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution to permit on a plot of ground located in a business district the erection and maintenance of a motor vehicle repair shop and, also, the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles.

PREMISES AFFECTED—13-21 Truxton street, north side, 100 ft. west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: Jacob T. Tobias, William Brady, J. Bisogno, E. Landoli, F. Zahn, M. Salamoni and others.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(56-35-BZ)

WHEREAS, Landi and Landi, for Diego Aiello, owner, filed March 2, 1935, an application under the building zone resolution to permit on a plot of ground located in a business district the erection and maintenance of a motor vehicle repair shop and also the use of the remainder of the plot as an outdoor garage for more than five (5) motor vehicles; premises: 13-21 Truxton street, north side, 100 feet west of Stone avenue (Block No. 1542, Lot No. 44), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 28, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Fulton street is in a business district; Truxton street is in a business district; Somers street is in a residence and business district and Stone avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 26, 1935, re App. No. 1438-1935, reads:

"Proposed motor vehicle repair shop and an outdoor garage for more than five motor vehicles are contrary to Art. II, Sec. 4a of Zone Resolution, as the location is in a business use district."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 feet and a depth of 100 feet upon which it is proposed to erect a one-story metal building 18 ft. by 18 ft. in area, to be used as a motor vehicle repair shop and to use the remainder of the plot as an outdoor garage for more than five motor vehicles; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 56-35-BZ.

Premises—13-21 Truxton street, north side, 100 ft. west of Stone avenue (Block No. 1542, Lot No. 44), Brooklyn.

The plot under appeal has been used for parking under a permit from the commissioner of buildings, limited to the hours of 8 a. m. to 1 a. m. It is now desired to extend parking to the 24 hours and to allow storage not permitted in a business district under the recent decision of the Court of Appeals in Monument Garage vs. Levy. A further zoning variation to permit automobile repairing is desired, but the applicant's representative stated at the hearing that this would be waived if the Board was unwilling to permit it.

Located on Truxton street, with a plot 100 ft. by 100 ft., it is in a thickly populated area in a business district, to the rear of which is a residence district. It was inspected by a committee of the board on May 16, 1935. There is a high brick wall erected on front with an entrance to the plot, but on the interior lot lines except for blank walls of buildings either side of the enclosure consists of wood and woven wire fences erected by adjoining owners and insufficient to provide proper protection. It was stated by the attendant that about forty cars are now stored on weekly or monthly agreements. Several cars and trucks appear to be permanently stored.

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The committee can find no hardship to permit the board to grant the repairing use sought under section 21. This plot is apparently the only vacant plot in the immediate area. Other buildings appear to be well occupied and tenanted. Some conforming building, in the committee's opinion, could be profitably operated. There appears to be no need for such a storage lot. There are storage accommodations available near by. This use is objectionable to the surrounding owners who have filed fourteen objections and there are no consents.

Transient parking, but not storage, can be carried on legally. The committee recommends that as this can be continued the application for storage and repairing be denied.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the report recommended that application be denied and the board deemed that applicant had failed to substantiate his basis of appeal under section 21, hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

59-35-BZ.

APPLICANT—William W. Knowles for William L. Savacool, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: William W. Knowles.

For Opposition: Elizabeth O'Neill.

ACTION OF BOARD—Application denied.

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(59-35-BZ)

WHEREAS, William W. Knowles, for William L. Savacool, owner, filed March 7, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southeast corner and 135-21 to 135-29 61st road (Block No. 6383, Lot Nos. 39 and 41), Flushing, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 28, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Horace Harding boulevard is in a business district; 61st road is in a business and residence district and 60th avenue is in a residence district; 136th street is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 25, 1935, re Permit No. 2181/35, reads:

"The erection of a gas station in a business district is contrary to the zone law. (Art. II, Sec. 4a, Subd. 46, Building Zone Resolution).";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on Horace Harding boulevard, 95 ft.

on 136th street and 100 ft. on 61st road, upon which it is proposed to erect a one-story office, 15 ft. by 21 ft. 6 in. in area; grease pits and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 59-35-BZ.

Premises—135-20 to 135-22 Horace Harding boulevard (Nassau boulevard) and 61-02 to 61-10 136th street, southwest corner and 135-21 to 135-29 61st road (Block 6383, Lot Nos. 39 and 41), Flushing, Queens.

The plot under appeal has a frontage of 100 ft. on Horace Harding boulevard, 95 ft. on 136th street and 100 ft. on 61st road and is in an area zoned for business use. A variation under section 21 is desired to permit the operation of a gasoline service station.

A committee of the board inspected the site and the surrounding area on May 16, 1935. The owner purchased this property in 1925 because apparently of its outstanding location and shallow depth between the boulevard and the rear street. Under normal conditions the plot would be readily available for a conforming use. The delay in constructing the extension of the boulevard through to Queens boulevard as well as the depressed conditions of real estate have undoubtedly tended to delay development. The owner has apparently only recently considered the gas station use because of the heavy carrying charges and assessments.

Such buildings as now exist in this area are residential. There are no business buildings except the office of the cemetery. There are 32 objections and no consents.

The committee is of the opinion that a gasoline station on this site would be a great hardship on the present property owners and would seriously impair the value and usability of their properties. Whatever hardship exists is due to the financial burden of carrying vacant property. There is nothing unique in this plot which makes it different from many others along the boulevard. In this particular section, because of already marked residential character, nothing should be allowed that would interfere with its continuance and extension. There is no shortage of available gasoline stations and such as may be later needed should be provided for by setting aside an area where they can be permitted in connection with the continuation of the boulevard across the low-lying land to the west.

The committee recommends denial.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended that application be denied; and the board deemed that applicant had failed to substantiate the basis of his application under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

71-35-BZ

APPLICANT—John Krupski, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehicle.

PREMISES AFFECTED—147-15 Brinkerhoff avenue, north side, 100 ft. east of Liverpool street (Block No. 2725, Lot Nos. 412 and 414), Jamaica, Borough of Queens.

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APPEARANCES—

For Applicant: John Krupski.

For Opposition: Stanislaw Sorsko and Joseph R. Kurowski.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(71-35-BZ)

WHEREAS, John Krupski, owner, filed March 14, 1935, an application under the building zone resolution to permit in a residence district the maintenance of a garage for the storage of one (1) commercial motor vehicle; premises: 147-15 Brinkerhoff avenue, north side, 100 ft. east of Liverpool street (Block No. 2725, Lot Nos. 412 and 414), Jamaica, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 28, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Brinkerhoff and Glassbor avenues are in residence and business districts; Liverpool street is in a residence district and Sutphin boulevard is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 25, 1935, re No. 244-34, reads:

"Responding to your verbal request, you are advised that your request for Certificate of Occupancy for the storage of one-ton commercial truck on premises located at No. 147-15 Brinkerhoff avenue, Jamaica, Borough of Queens, is hereby DENIED, as to store a commercial truck in a residence district would be a violation of section 3 of the building zone resolution, and these premises are situated in a RESIDENTIAL district."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 60 ft. and a depth of 100 ft. Upon the easterly portion of the plot there is located a 2½-story frame dwelling occupied by the owner of premises in question. On the rear of the plot there are two one-story garages; it is proposed to occupy the easterly garage (20 ft. by 22 ft. in area) for the storage of a one-ton commercial truck; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made and verbal report of same was made by chairman at the hearing to the effect that conditions in the section and on the plot were as represented; and

WHEREAS, the board deemed that applicant had substantiated the basis of his appeal under section 21, hardship, and that a temporary permit should be granted.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted*, for a term of two years from the date of this action, permitting the storage of one-ton commercial truck *on condition* that at no time shall there be stored in the truck or in the garages or elsewhere on the premises any saleable merchandise; that the truck shall be loaded and unloaded with merchandise outside of the residential area.

802-27-BZ.

APPLICANT—Larry Meltzer, for M. G. M. Service Stations, Inc., lessees.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—249 Empire boulevard, northwest corner of Rogers avenue (Block No. 1307, Lot Nos. 50, 51 and 53), Brooklyn.

APPEARANCES—

For Applicant: Larry Meltzer.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(802-27-BZ)

WHEREAS, this application affecting premises 249 Empire boulevard, northwest corner of Rogers avenue (Block No. 1307, Lot Nos. 50, 51 and 53), Borough of Brooklyn, was granted by the board February 17, 1933, on certain conditions and lessees, through their representative, requested an amendment of the resolution.

Resolved, that the resolution adopted by the board on February 17, 1933, be and it hereby is *amended*, only so far as it has reference to curb on the building line and curb cuts, so that as amended this portion of the resolution will read:

"that a concrete curb shall be erected on both street building lines not less than 12 inches in width and not less than 5 inches in height with rounded top and with one opening only to Empire boulevard not exceeding 48 ft. and with not over two openings to Rogers avenue not exceeding 40 ft. in width each, that the curb cuts opposite these openings shall not exceed 25 ft. in width each; that the opening in the street building line curb on Empire boulevard shall be not nearer than 6 ft. to the westerly building line nor 10 ft. from the corner formed by the intersection of Empire boulevard and Rogers avenue; that the openings in the street curb on Rogers avenue shall not be nearer than 6 ft. from the northerly building line nor 5 ft. from the corner formed by the intersection of Rogers avenue and Empire boulevard and that the curbing between the two permitted openings to Rogers avenue shall be not less than 12 ft.; that other than as amended herein, the resolution adopted by the board on February 17, 1933, shall be complied with in all respects."

956-27-BZ.

APPLICANT—Morris Herfield, lessee.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1510-1518 Jerome avenue, east side, 105.36 ft. north of East 172nd street (Block No. 2846, part of Lot No. 6), The Bronx.

APPEARANCES—

For Applicant: Morris.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

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THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(956-27-BZ)

WHEREAS, this application affecting premises 1510-1518 Jerome avenue, east side, 105.36 ft. north of East 172nd street (Block No. 2846, part of Lot No. 6), Borough of The Bronx, was granted by the board June 26, 1934, on certain conditions and owner requested an amendment of the resolution.

Resolved, that the resolution adopted by the board on June 26, 1934, be and it hereby is *amended*, only so far as it has reference to the width of openings in the required curbing along the street building line, so that as amended this portion of the resolution will read:

"with not over two openings therein to Jerome avenue, which openings shall not exceed 35 ft. in width each; that opposite these openings in the street line there may be curb cuts not exceeding 40 ft. in width each; that other than as amended herein, the resolution adopted by the board on June 26, 1934, shall be complied with in all respects."

302-29-BZ.

APPLICANT—Conroy and Hardy, for John Sklar Holding Co., Inc., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting, partly in a residence district and partly in a business district, the erection and maintenance of a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—146-156 East 98th street, northwest corner of Winthrop street (Block No. 4614, Lot No. 38), Brooklyn.

APPEARANCES—

For Application: R. S. Hardy.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(302-29-BZ)

WHEREAS, this application affecting premises 146-156 East 98th street, northwest corner of Winthrop street (Block No. 4614, Lot No. 38), Borough of Brooklyn, was granted by the board, July 26, 1929, on certain conditions and time extended from time to time and applicant requests a further extension.

Resolved, that the resolution adopted by the board on July 26, 1929, be and it hereby is *amended*, only so far as it has reference to the obtaining of permits and completion of work, so that as amended, the time to obtain permits shall be extended to six months and the time for the completion of work to one year from the date of this amended resolution, *on condition* that the resolution adopted by the board on July 26, 1929, shall be complied with in all respects.

318-31-BZ.

APPLICANT—Metropolitan Tobacco Co., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under sections 7a, 7e and 21 of the building zone resolution, permitting in a business district the conversion of occupancy of an existing building to a garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—649-661 Warren street, north side, 151 ft. 2 in. west of Fifth avenue (Block No. 934, Lot No. 47), Brooklyn.

APPEARANCES—

For Applicant: Sidney A. Wolff, I. E. Hirsch.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Negative 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(318-31-BZ)

WHEREAS, this application affecting premises 649-661 Warren street, north side, 151 ft. 2 in. west of Fifth avenue (Block No. 934, Lot No. 47), Borough of Brooklyn, was granted by the board December 4, 1931, resolution corrected January 5, 1932, and owner now requests an amendment of the resolution.

Resolved, that the resolution adopted by the board on December 4, 1931, as corrected by resolution adopted on January 5, 1932, be and it hereby is *amended*, only so far as it has reference to gasoline storage, so that as amended this portion of the resolution will read:

"that so long as this building is in the ownership and control of the present owners, there may be installed within the garage, where indicated on plans filed marked 'received May 28, 1935,' a 550-gallon gasoline tank and one gasoline pump located as indicated on plan filed *on condition* that the gasoline pump shall be suitably mounted on a concrete base and that the gasoline shall be solely for supply to cars owned and operated by the owner or his employees, prohibiting any additional storage of gasoline other than storage in the tanks of the cars and trucks on the premises; that other than as amended herein the resolution adopted by the board on December 4, 1931, as amended by resolution adopted January 5, 1932, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS.

216-34-A.

APPELLANT—George R. Strehan, for A. R. Haeuser Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to June 11, 1935, at 2 p. m., for further consideration by the board.

33-35-A.

APPELLANT—St. Therese Realty Corp., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—134-27 218th street (Block No. 3590, Lot No. 13), Springfield, Borough of Queens.

MINUTES

APPEARANCES—

For Appellant: George A. Conroy.
For Administration: None.

ACTION OF BOARD—Laid over to June 11, 1935, at 2 p. m., for appellant to apply for dancehall license.

APPLIANCES SUBMITTED FOR APPROVAL.

118-35-SA.

APPLICANT—David Kaufman, for Hayward Manufacturing Co., owner.

SUBJECT—Hayward Oil Burner, Model 1500, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of the board for test and report and to obtain such information from other departments as may be deemed necessary.

121-35-SA.

APPLICANT—Thomas F. Leonard, for Timken Silent Automatic Co., owner.

SUBJECT—Timken Silent Automatic Water Heater, Models 40-A and 50-B, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar referred to the engineer of the board for test and report and to obtain such information from other departments as may be deemed necessary.

92-34-SA.

APPLICANT—The Autocall Company, owner.

SUBJECT—Autocall Interior Fire Alarm Signal Systems, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application withdrawn upon written request.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

126-33-SA.

APPLICANT—Tower Manufacturing Company, owner.

SUBJECT—Tower Range Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(126-33-SA)

WHEREAS, The Tower Manufacturing Company, owner, filed April 3, 1933, an application with the Board of Standards and Appeals for approval of the device known as Tower Range Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was installed in an ordinary type kitchen range used for cooking and heating purposes. The

burner base consisted of an iron casting having two sets of concentric rings, walls $\frac{3}{4}$ in. in height. On each base there are braced four perforated chromium steel shells containing 18 to 20 per cent chromium. All burner castings are supported on individual iron pedestals. Each are equipped with three leveling screws and a bolt for fastening them to the ashpit.

The pedestal supporting the oil reservoir and supply container has a 9-in. base which may be firmly fastened to the floor. Three upright rods from this pedestal hold the oil container rigidly in place. The oil container is a two-gallon glass bottle having a perforated metal jacket equipped with two handles.

The metering valves are of the "V" slot type, manufactured by the Tower Manufacturing Corp. Extra heavy copper tubing with a wall thickness of .049 is used in making the necessary connections.

The front burner was operated and after same was in operation for a period of approximately 30 minutes, the second burner was flooded and there were no explosions or puff-backs.

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction card, and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Tower Range Oil Burner for domestic and commercial installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals and in accordance with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls within non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burners are in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 126-33-SA

Only an Approved Safety Can Shall Be Used In
Filling This Storage Container.

MINUTES

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner, shall, within 48 hours after each installation, notify the fire department in writing, of the name of the person to whom this burner was sold and the address of the premises where installed.
13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

17-35-SA.

APPLICANT—Joseph F. Donnelly, for Cleveland Steel Products Corp., owner.

SUBJECT—Toridheet Oil Burner—Model G—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(17-35-SA)

WHEREAS, Joseph F. Donnelly, for Cleveland Steel Products Corp., owner, filed January 17, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Toridheet Oil Burner, Model G; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is a mechanical draft pressure atomizing gun type and consists of the following assembly:

A Leland $\frac{1}{8}$ H.P. motor; Webster fuel unit, consisting of pump strainer, regulating and cut off valve; Sirocco type fan and Harsche nozzles. Capacity of the nozzles varies from 1.35 gallons to 3.65 gallons per hour.

Ignition—Electric. Webster transformer 110-10,000 volts.

Controls — Minneapolis Honeywell Protectorelay, Model R, 117-3 and Minneapolis Honeywell Pressuretrol, Type 404.

With the oil supply shut off, the burner was operated and on two successive tests the controls shut down the machine in 91 and 93 seconds, respectively. The burner was then operated under normal conditions for approximately one-half hour. The flame was continuous non-fluctuating and free from smoke and soot. An examination of the combustion chamber showed no undue carbon deposits.

As a result of this inspection and test, it is recommended that the Toridheet Oil Burner, Model G, be approved for domestic use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals *does* hereby approve the device known as Toridheet Oil Burner, Model G, for domestic installations, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 3 *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 17-35-SA.

108-35-SA.

APPLICANT—David Kaufman for Concord Burner Company, Inc., owner.

SUBJECT—Concord Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(108-35-SA)

WHEREAS, David Kaufman, agent for Concord Burner Co., Inc., owner, filed April 23, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Concord Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is a mechanical draft pressure atomizing gun type and consists of the following assembly:

A Delco $\frac{1}{8}$ H.P. motor; Monarch Viking fuel unit, consisting of a pump, strainer, one cut off valve and one regulating valve; nozzle nitralloy and Torrington blower.

Ignition—Electric. Webster transformer 110 to 10,000 volts.

Controls — Minneapolis Honeywell Protectorelay, Model R-117-3 and Minneapolis Honeywell Pressuretrol, Type 404.

With the oil supply shut off, the burner was operated and on two successive tests the controls shut down the machine in 78 and 79 seconds, respectively. The burner was then operated under normal conditions for approximately one-half hour. The flame was continuous, non-fluctuating and free from smoke and soot. An examination of the combustion chamber showed no undue carbon deposits.

As a result of this inspection and test it is recommended that the Concord Burner be approved for domestic, industrial and commercial use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals *does* hereby approve the device known as Concord Oil Burner, for domestic, commercial and industrial installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 3 *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 108-35-SA.

Adjourned, 3:45 p. m.

EDWARD V. BARTON, Chief Clerk.

RULES

Fire Drill Rules, Adopted By the Board of Standards and Appeals, October 5, 1923.

(593-23-SR)

NOTE—In republishing these Rules, no corrections have been made as to departmental jurisdiction, as such may be affected by the McCall Bill known as Chapter 764 of the Laws of 1933.

DEFINITION OF "FIRE DRILL."

The method and practice of the systematic and orderly vacating of a building by its occupants in case of emergency, panic or fire in the least possible time—by the nearest safe means of exit—and the use of fire appliances which shall be provided for the extinguishing or retarding of fire and the safeguarding of human life.

Rule 1.

In all buildings as defined in Article 1, Section 10 of the Labor Law in which fire drills are required pursuant to Section 279 and in any other building in which the Fire Commissioner may be directed pursuant to the power conferred in section 775-B of the Greater New York Charter, it shall be the duty of the owners, lessees or tenants to conduct fire drills monthly and at such other times as the Fire Commissioner may direct.

For the purpose of conducting such fire drills the owner or tenant shall appoint from among their employees such responsible and dependable persons, male or female, who shall efficiently perform the duties of the various positions of the fire drill organization, as specified on the accompanying chart.

It shall be the duty of the owner or tenant to enter in the blank spaces provided for that purpose in said chart the names of persons so selected and post said chart and copies of the rules in a conspicuous place.

FIRE DRILL ORGANIZATION.

Premises	
Name of concern.....	
Building No.....	Story.....

FOREMAN OR PERSON IN CHARGE

Regular	Substitute
.....	

WATCHMAN

.....	
.....	

MALE SEARCHER

.....	
-------	-------

FEMALE SEARCHER

.....	
-------	-------

STREET ALARM BOX RUNNER

.....	
-------	-------

FIRE BRIGADE

.....	
.....	
.....	

EXIT GUARDS

.....	Exit.....	
.....	"	
.....	"	
.....	"	
.....	"	
.....	"	

SQUAD MONITORS

.....	Squad No. 1.....
.....	" " 2.....
.....	" " 3.....
.....	" " 4.....
.....	" " 5.....
.....	" " 6.....

Rule 2. Duties of Foreman.

The Foreman or Person in Charge shall direct, enforce and have full charge of the "Fire Drill" in every factory on each floor. Each day before work is begun he shall see that extinguishers, fire hose, fire buckets, etc., are in readiness for use, exit doors are unlocked, aisles are free from obstruction, that stairways, halls, etc., are properly lighted, and shall remedy any dangerous condition found to exist. Immediately after work is commenced he shall check up the Fire Drill Organization list and note if the regularly assigned persons are present; if any are found to be absent, he shall assign other employees (if practicable) to perform their duties.

He shall immediately notify new employees of the existence of the Fire Drill Organization and give them the necessary instructions as to the duties they are to perform, etc.

He shall be familiar with the operation and location of the interior alarm signal box on his floor.

He shall listen for the test signal each morning at the appointed hour and in the event of the test signal not being heard he shall communicate with the superintendent or other person in charge of the building and advise him of the fact. The (Floor Captains) Foreman's orders are final as to the carrying out of the fire drill on his particular floor.

Rule 3. Duties of Watchmen.

The WATCHMEN shall see that all doors and windows are closed so as to prevent the spread of fire. The WATCHMEN shall be the only persons permitted to remain on the floor during the progress of a fire drill and do so at their own risk. For ordinary purposes only one watchman and a substitute shall be designated. In special cases, however, extra watchmen may be assigned by consent in writing from Fire Commissioner.

Rule 4. Duties of Searchers.

The MALE and FEMALE SEARCHERS shall search all toilets, dressing rooms and emergency rooms used and frequented by their sex and all other portions of the floor and order all persons, except those authorized to remain, to leave the premises. They are to take care of and assist all persons who may faint or be disabled.

SEARCHERS shall leave the floor immediately after the last squad leaves.

Rule 5. Duties of Street Alarm Box Runner.

The STREET ALARM BOX RUNNER shall be familiar with the location of the nearest city fire alarm box and know how it is operated.

In ordinary practice fire drills the STREET-ALARM-BOX-RUNNER shall report to the Foreman for orders, and if his services are not required he shall promptly file out of the premises with the other occupants.

Only when a fire actually occurs on his floor, or when ordered to do so by the Foreman, shall the STREET-ALARM-BOX-RUNNER proceed to the street alarm box and send in the fire alarm.

RULES

Rule 6. Duties of Fire Brigade.

The fire brigade shall have full charge of the operation of all auxiliary fire fighting apparatus and shall endeavor to extinguish, or at least hold in check until the arrival of the fire department, any fire that may occur. When it is necessary for the fire brigade to respond to different floors in the building they shall not use the stairways or fire escapes while the occupants are escaping from the premises.

Rule 7. Duties of Exit Guards.

The EXIT GUARDS shall station themselves at all exit doors leading to fire escapes, stairways and other means of escape immediately upon the sounding of the alarm. There shall be two guards for each exit, if practicable; one to stand in the hallway holding back the door and the other directly inside on the floor. They are to keep the exit doors open and direct the movements of the persons using these exits and prevent congestion.

EXIT GUARDS shall remain at their stations until all of the occupants of the building have passed their station. Then close their doors and pass out of the building. Upon signal for the occupants to return, EXIT GUARDS shall take their designated stations and remain there until all persons have returned to their respective floors.

Rule 8. Duties of Squad Monitors.

The SQUAD MONITORS, as soon as the alarm is sounded, shall see that the employees under their charge quickly form into line, two abreast, and numbering not more than thirty to each squad. They shall see that all aisles and passageways are cleared of obstructions.

Note: Chairs, stools, baskets, etc., should be pushed under or placed on top of work benches.

MONITORS shall proceed at the head of their respective squads to the exit assigned, and then march up or down the stairs or to other exits as directed by the EXIT GUARDS.

On reaching the sidewalk MONITORS shall keep their squads in order and lead them a reasonable distance from the building, so as not to cause congestion and interference with fire apparatus. When the proper signal is given they shall return to their respective floors at head of their squads.

MONITORS will at all times see that those under their charge conduct themselves in a respectable and orderly manner.

Rule 9. Holding of Drills.

FIRE DRILLS shall be held at least once each month at varied hours of the day, and all of the occupants shall participate therein simultaneously. Such drills shall conduct all occupants to a place of safety.

Where dual operation interior fire alarm systems are installed as permitted under Rule 11 of the interior fire alarm

rules of the Board of Standards and Appeals, the fire drill conducted each month shall include all of the persons on the premises engaged at work for a factory, and drills shall be conducted at least twice each year in which all of the persons on the premises shall participate simultaneously.

Rule 10. Duties of Owner.

It shall be the duty of the OWNER, LESSEE OR TENANT OF THE BUILDING or his authorized agent or their representatives to personally observe that the "Fire Drill" is held simultaneously on every floor of the building and the participation therein of every occupant of such building. Any FIRE DRILL in which all of the occupants do not participate shall not be considered as complying with the LAW, except as otherwise provided in these rules.

The person or persons representing the OWNER, LESSEE OR TENANT who supervises the FIRE DRILL at the building shall submit to an examination by the Bureau of Fire Prevention as to their experience and general fitness for such duties, and shall be so certified in writing by the FIRE COMMISSIONER.

Rule 11. Duties of Engineer.

It shall be the duty of the ENGINEER, SUPERINTENDENT or other PERSON IN CHARGE of a building having an interior fire alarm system to test such system daily immediately after the beginning of business, and to see that all apparatus operated by springs requiring winding are rewound after each alarm and kept in normal condition for operation.

Whenever it is necessary to test the fire alarm system at any other time of the day, owing to repairs, etc., being made, the PERSON IN CHARGE OF BUILDING will first notify all Foremen of the several floors of the intended test and likewise notify them when the repairs, etc., are completed. This precaution is taken to prevent confusion and excitement, also misunderstanding of the alarm signals.

It shall also be the duty of the PERSON IN CHARGE OF BUILDING to sound the interior alarm system at irregular intervals, but not less than once each calendar month, for the purpose of holding practice fire drills. He shall keep on the premises a record of such drills showing the date when held and the required time for all occupants to reach the street or a point of safety outside the building.

The PERSON IN CHARGE OF BUILDING must immediately acquaint new tenants of the existence of the "Fire Drill" Organization and its purport.

Rule 12. Registration.

The name and address of every person, corporation or co-partnership, that will, under professional service, carry on the trade, business or calling of establishing, maintaining or supervising the "Fire Drill" shall be registered in the Fire Department, which Department shall, upon evidence of fitness, grant a certificate to that effect.

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

RULES

FACTORY EXIT RULES ADOPTED BY THE BOARD OF STANDARDS AND APPEALS FEBRUARY 23, 1927, AND AMENDED JANUARY 15, 1932.

(64-27-SR)

STANDARD FACTORY EXITS

Section 1—Fire Escapes.

Rule 1. In any building erected prior to October 1, 1913, now occupied or to be occupied as a factory, more than five stories in height and not exceeding nine stories in height, nor in any case more than 90 ft. from curb level to top floor level, one of the required means of exit or escape under Section 271-1 of the Labor Law may consist of an outside fire escape, provided that:

(a) Any such fire escape hereafter erected shall comply with all the provisions of Section 273, labor law, and in addition thereto:

(1) The balconies and stairs shall be protected on the outside by substantial railings to a height of at least 4 ft. 6 in., measured from floor of balcony or center of stair tread, constructed of bars at least one-half ($\frac{1}{2}$) inch in diameter, spaced not more than six (6) inches on centers, or of substantial grille work, or of screening not less than No. 10 U. S. gauge wire with not more than one and one-half ($1\frac{1}{2}$) inch mesh, all rigidly braced;

(2) When there is safe egress from the roof of the building to any adjoining structure, the fire escape stairway shall continue to the roof, and if there be no safe means of egress, a gooseneck ladder shall be provided from the top story balcony to the roof.

(b) Any such fire escape erected prior to October 1, 1913, shall conform in every respect with the requirements of paragraph (a) of this rule, except that balconies may be not less than 3 feet in width; the connecting stairs not less than 20 inches in width, and placed at an angle not exceeding 60 degrees if the building is not over six stories in height, otherwise at an angle of 45 degrees.

Rule 2. In any building erected prior to October 1, 1913, now occupied or to be occupied as a factory, five stories or less in height, one of the required means of exit under Section 271 of the Labor Law may consist of an outside iron fire escape, provided that:

(a) Any such fire escape hereafter erected shall comply with all the provisions of Section 273, Labor Law.

(b) Existing fire escapes shall comply with all the provisions of Section 274, Labor Law and in addition thereto

(1) The balconies shall be not less than 3 feet in width.

(2) The rails around balconies and well holes and on stairways shall be not less than 3 feet in height.

(3) Passageways on the balconies shall be not less than 14 inches in the clear.

(4) At least one opening to each balcony shall be a single fireproof casement door at least 2 feet wide and at least 6 feet in height, except that where the distance between the sill and lintel will not permit of an opening 6 feet in height, a casement door not less than 4 ft. 6 in. in height will be permitted.

Rule 3. The single fireproof casement doors leading to all fire escape balconies shall open out and shall be self-closing. An easily operated door lock with knobs on both sides of the door shall be provided.

Such fire doors may be at window sill level if fixed iron step at least two feet wide, with risers not exceeding eight (8) inches, and treads not less than eight (8) inches are provided on the inside from floor level to sills properly secured.

Rule 4 (a). Any such fire escape erected subsequent to October 1, 1913, and prior to these rules taking

effect, unless previously accepted as one of the required means of exit or escape by the administrative official having jurisdiction, shall conform in every respect to the provisions of these rules.

(b) A fire escape shall not hereafter be accepted as constituting one of the required means of exit or escape under Section 271-1 of the Labor Law, in any building erected prior to October 1, 1913, now occupied or to be occupied as a factory, exceeding nine stories in height, or more than 90 feet from curb level to top floor level.

Rule 5. All fire escapes shall be maintained structurally safe, properly painted, and kept clear of all obstructions.

Section 2—Enclosure of Factory Stairways.

Rule 6. Except as herein provided, in all factory buildings five stories or less in height, erected prior to October 1, 1913, in which there are more than twenty-five persons employed above the second story, all interior stairways, serving as required means of exit, and the landings, platforms and passageways connected therewith, shall be enclosed on all sides by partitions of fire-resisting material extending continuously from the lowest point of the stairway in accordance with the following schedule:

Number of stories	Contents combustible, no sprinkler	Contents non-combustible no sprinkler	Contents combustible, and sprinkler	Contents non-combustible and sprinkler
Three	Stairways Enclosed			
Four	Stairways Enclosed	Stairways Enclosed		
Five	Stairways Enclosed	Stairways Enclosed	Stairways Enclosed	

The term "contents" as used above means articles, goods, wares and merchandise, packed, stored, manufactured or in the process of manufacture.

The term "combustible" as used above means articles, goods, wares or merchandise which will burn or support combustion.

The term "sprinkler" as used above means an adequate automatic sprinkler equipment installed and maintained in good working order on each floor.

The term "story" as used above means that part of a building between any floor and the floor or roof next above;—the first story is that part of a building which is more than 50 per cent above the floor below and the floor next above the curb or average grade level.

Where the stairway extends to the top floor of the building, such partitions shall extend to the under side of the roof boarding. That portion of the under side of the roof beams within the stair enclosure shall be covered with fire-resisting material, except in buildings with roofs of non-combustible material, in which case the partitions may stop at the under side of the roof.

Where the stairway is required to extend to the roof, the enclosure shall be so built as to form a bulkhead. The enclosure shall be ventilated by a skylight in the roof with louvres or ventilators, or exterior windows with ventilating sections at the top floor.

All openings in such partitions shall be provided with approved self-closing fire doors, except where such openings are in the exterior wall of the building.

RULES

The bottom of the enclosure shall be of fireproof material at least four inches thick unless the partition extends to the cellar bottom.

A horizontal exit, as defined in section 267 of the Labor Law, will be accepted as a compliance with this rule when both sides of the fire wall or walls are occupied on any factory floor by the same occupant.

Rule 7. Where there are occupancies on any story or part of a story involving the storage or use below the top story of the following materials and exceeding the amount specified, and there are more than 5 persons employed at manufacturing above such occupancy, the interior stairway serving as required means of egress shall be enclosed on that story with fire-resisting material from floor to under side of floor above, including any exposed stair soffits, landings and passageways; openings shall be provided with approved self-closing fire doors.

Nitrocellulose in any shape or form, 10 pounds.

Volatile inflammable oils, 1 gallon.

Volatile inflammable mixtures, 5 gallons.

Combustible mixtures, 10 gallons.

Paints, varnishes and lacquers, 10 gallons.

Upholstering or mattresses, manufacturing or repairing.

Cotton, rag and paper sorting, 1 ton.

Paper box manufacturing.

Restaurants and lunch rooms with cooking (not including tea, coffee or similar beverages).

The Board shall rule upon new occupancies as they arise and pass upon points under dispute.

When more than two stories are to be segregated, as above, the entire stairway shall be enclosed in fire-resisting material where there are more than 5 persons employed at manufacturing above the first story.

Rule 8. Required Exits and Enclosures of Stairways in Two-Story Factory Buildings.

1. **Required Exits.**—In every two-story factory building erected prior to October 1, 1913, in which more than five persons are employed at manufacturing, there shall be provided from each story at least two means of exit or escape from fire remote from each other, one of which from every floor above or below grade shall lead to or open on an interior stairway which shall be enclosed, as hereinafter provided, or on an exterior enclosed stairway. The other may lead to such a stairway, or to a horizontal or grade exit, or to an exterior screened stairway, or to a fire escape conforming to section 273, Labor Law, or rule 2 of these rules. Except that exit door shall be a fire door, with substantial steps to the sills properly secured when sill is more than 8 inches above the floor level; and where there is no safe egress from the roof, a gooseneck ladder shall be provided from top balcony to the roof, except on the front of buildings.

Unobstructed egress from the foot of the fire escape or exterior screened stairway shall be as required by section 273, Labor Law, or to open adjoining yard with egress to the street. No point on any floor of such building shall be more than one hundred and fifty (150) feet distant from such an exit.

Rule 9. Enclosure of Stairways.—In two-story buildings where there are occupancies on any story or part of a story involving the storage or use below the top story of any of the materials exceeding the amounts specified in Rule 7 and there are more than 5 persons employed at manufacturing above such occupancy, all interior stairways serving as required means of exit shall be enclosed from the lowest point of such stairway to the ceiling of the first floor by partitions of fire-resisting material, unless the building is provided with a wet sprinkler system, in which case such enclosure of stairways shall not be required. Such enclosures shall lead directly to a door opening outwardly

to a street or road, or an open area affording unobstructed passage to a street or road. All openings in such enclosure shall be provided with fire doors equipped with self-closing devices.

All reference herein to "Enclosure of Stairways" shall be considered as applying only to required stairways.

Rule 10. Storage of Combustible Material Within Factory Stairway Enclosures.

In all factory buildings no articles or wares of any nature shall be kept or stored inside the limits of any stairway enclosure or unenclosed stairway, or on the landings, platforms or passageways connected therewith.

But this shall not prohibit the erection and maintenance of a stand to be built of incombustible material and wire glass or ¼-inch-thick plate glass for the retail sale of cigars, cigarettes and tobacco and candies in original packages or daily newspapers in the public hall or corridor on the first story of any building provided there is no open flame. All portions of the stand and any portion of any permitted accessory use to same shall be set back at least 18 inches from the outside line of travel of the required legal width of exit. Each such stand shall be provided with at least one approved 2½-gallon chemical fire extinguisher.

Section 3—Safe Egress from Roofs of Factory Buildings.

Rule 11. Interior stairways serving as required means of exit in factory buildings erected after October 1, 1913, and not exceeding five stories in height, and in buildings erected before October 1, 1913, now occupied or to be occupied as a factory, shall not be required to extend to the roof where there is no safe egress from the roof, under Sections 270, 271 and 272, Labor Law.

(a) When the roofs, or the top of the parapet wall of an adjoining building are more than eight feet below or more than five feet above the top of the parapet wall of the building in question, and there is no outside party wall fire escape, party wall exterior screened stairway, party wall balconies or bridges, or where any outside exits do not connect to adjoining buildings at roof level, or where there are no unbarred window openings five feet above the roof or parapet wall of the building in question.

(b) When the roof of the building in question has a pitch exceeding one foot in six feet of horizontal run.

Rule 12 (a). When there is no safe egress from the roof, as above described, there shall be in all cases at least a double-rung ladder at the top of the interior stairway, and within the interior stairway enclosure when stairway is enclosed. Such ladder shall be at least 18 inches in width and shall be properly secured at top and bottom. The ladder shall lead to a scuttle opening not less than 2 feet by 3 feet or be of such additional area as may be required to provide ample head room. The scuttle cover shall be hinged and of light weight construction, or be counter-balanced. An easily operated hook may be provided on scuttle cover.

(b) Where the stair bulkhead door opens within 10 feet from the open edge of the roof, an iron railing properly braced at least 3 feet high and at least 10 feet long shall be provided at the edge of roof.

SUBSTANDARD FACTORY EXITS.

Section 4—Fire Escapes.

Rule 13. When in addition to the required exits from any factory or factory building, there exist other means of egress which are not entirely in accordance with the requirements of the Labor Law and the Rules of the Board of Standards and Appeals, such means of egress may be retained under the following conditions:

(a) **Fire Escapes.**—All substandard fire escapes on factory buildings shall be maintained structurally safe, properly painted, and with the openings leading thereto, kept in good repair.

RULES

In lieu of a counter-balanced stairway, a drop ladder in guides with a back-drop gravity hook may be provided.

The drop ladder shall be of sufficient length to reach from the lowest balcony to the ground or safe landing place, with a passageway opening cut in the balcony rail, which rail shall be properly braced.

When such substandard fire escapes are located in a court, side or rear of a building, proper egress to a point of safety shall be provided, either to open adjoining yards, or the lowest balcony may be connected to an adjoining fire escape, exterior stairway, to the roof of adjoining extensions, or other means of egress satisfactory to the authorities having jurisdiction.

Substandard fire escapes shall be kept clear of all obstructions, shall not be used for fire drills, and shall not be considered as a basis for increase in occupancy.

Section 5—Stairways and Bridges.

Rule 14. Interior Stairways.—All interior stairways not conforming to the requirements of the Labor Law or

rules of the Board of Standards and Appeals may be retained, provided that egress to same is maintained unobstructed, halls are properly lighted, and all landings, passageways, etc., are maintained free and unobstructed. An easily operated panic bolt or other similar device may be installed at street exit door.

Rule 15. Exterior Screened Stairways.—Exterior screened stairways not serving as a required means of egress shall be maintained structurally safe and properly painted, exits thereto and all platforms and passageways thereof shall be maintained unobstructed, and egress from termination shall be provided as required for substandard fire escapes in subdivision a.

Rule 16. Horizontal Bridges.—Horizontal bridges and party wall balconies between buildings shall be maintained structurally safe and properly painted, and access thereto and all passageways thereof shall be maintained unobstructed.

Rule 17. No sign of any character shall be placed at openings leading to these substandard exits.

RULES

SMOKING IN FACTORIES.

Adopted by the Board of Standards and Appeals,
August 12, 1918.

RULE 1. PERMIT.

(a) **Prohibition.** No person shall smoke, or carry a lighted cigar or cigarette in any factory as defined in Article 1, Section 2, of the State Labor Law, nor in any portion of a factory, within the City of New York, except in such protected portions or special classes of occupancies as are specified in Rule 2 of these rules, and then only after the issuance of a permit by the administrative official.

It shall be the joint and several duty of the owner and of the lessee or lessees of the building containing such factory or factories to cause to be posted in each and every entrance hall, stair hall or room throughout the building, as well as in every elevator-car, in English, and also in such other language or languages as the administrative official shall direct, a notice of such prohibition, and the penalty for its violation.

(b) **Application.** Application for such permit shall be made only by the owner of the building on suitable blank forms to be furnished by the administrative official.

(c) **Time Limit.** Such permit shall be for a definite period, not exceeding one year, and shall not be renewed upon expiration until a reinspection of the premises for which it is issued has been made for the purpose of determining whether existing conditions warrant a renewal.

(d) **Conditions.** The permit shall state the conditions under which, the hours between which, and the place or places in such factory where smoking may be permitted, and this permit shall be framed and kept posted in a conspicuous place in the factory.

(e) **Revocation.** Violation of any of the conditions specified in the permit, in addition to incurring such penalties as are prescribed by law, shall be full and sufficient cause for the revocation of such permit by the administrative official, and he shall not again issue a permit for the same premises until at least one year has elapsed.

RULE 2. PERMISSIBLE CASES.

Smoking may be permitted in:—

(a) Factories engaged in the manufacture of cigars, cigarettes, or smoking tobacco, when necessary for the efficient conduct of the business, provided that:

(1) No smoking other than that for sampling, testing and experimental purposes is carried on.

(2) Such smoking is conducted in a room provided especially for that purpose, separated from the rest of the building by fireproof or fire-resisting partitions, with all openings therein protected by self-closing fire doors, and, further, unless the building is of fireproof construction or equipped with an approved automatic sprinkler system, the floor and ceiling of such room shall be covered with fire-retarding material.

(3) Such chemical fire extinguishers as the administrative official may direct are installed.

(4) All waste paper and other inflammable waste materials are deposited in fireproof receptacles.

(b) Factories devoted entirely to one of the following occupancies:

Blacksmithing or horseshoeing;
Boiler making;
Brick, terra cotta or artificial stone works;
Forge shops;
Foundries;
Iron, steel, brass or copper works;
Machine shops;
Smelting;
Stone or monumental works;

provided that in any case:

(1) The building is not of wooden construction;

(2) Such chemical fire extinguishers as the administrative official may direct are installed;

(3) All waste paper and other inflammable waste materials are deposited in fireproof receptacles.

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	National Range Oil Burner.....	361-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Putnam Range Oil Burner	54-35-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quaker Burnoil Stove	11-31-SA
Florence Range Burners.....	219-34-SA	Quick Meal Range Burner.....	304-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kolrid Range Burner.....	48-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Superfex Oil Burning Heater	491-31-SA
		Tower Range Oil Burner	126-33-SA
		Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$11.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

USE OF HYDRATED LIME IN CONCRETE.

Adopted by the Board of Standards and Appeals, April 19, 1920, under Cal. No. 153-20-S.

The use of hydrated lime in all classes of concrete construction shall not be prohibited when used in accordance with the conditions hereinafter set forth.

The hydrated lime shall conform with the standard specifications for this material which have been adopted by the American Society for Testing Materials.

The maximum amount of hydrated lime which may be used shall conform with the following table, all weights given being the amount of lime which may be incorporated for each ninety-five pound bag of Portland cement:

1-1½-3 Mix, 4 pounds of hydrated lime per bag of cement.

1-2-4 Mix, 5 pounds of hydrated lime per bag of cement.

1-2½-5 Mix, 6 pounds of hydrated lime per bag of cement.

For hand mixed concrete, the hydrated lime and Portland cement shall be well mixed while dry.

Hydrated lime shall not be used in concrete which is to be deposited under water.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

349-33-SA—Herco Oil Burner.

32-34-SA—Super Oil Burner for Pressing Machine.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

302-34-SA—Loyalty Range Burner.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

29-35-SA—Aetna Range Oil Burner.

30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

85-35-SA—Greenawalt Down Draft Combustion Oil Burning Furnace.

89-35-SA—Siphon-Proof Water Closet, Type "A".

97-35-SA—Roper Rotary Pump for Fuel Oil.

98-35-SA—Heat King Oil Burner, Model 2.

99-35-SA—Kleen Heet Oil Burner, Type 902.

102-35-SA—Range-O-Matic Oil Pump, Pressure and Suction Model and Model 50.

113-35-SA—Ryan Marvel Oil Burner, Model M.

118-35-SA—Hayward Oil Burner, Model 1500.

121-35-SA—Timken Silent Automatic Water Heater, Models 40-A and 50-B.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

DOCKET.	
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MISCELLANEOUS APPLICATIONS.	
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Requests for approval of plans	5
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Requests to amend granted	81
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	1
Requests to rescind denied	0
Requests for extension of time granted	27
Requests for extension of time denied	0
Requests for extension of permit granted	5
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Plans approved	5
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Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	12
Total	498

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First. That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year JUNE 11, 1935 Single Copies, 5 cents By mail, 8 cents No. 24

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Correction.

Approved Fireline Hose Valves.

Oil Burner Rules.

Approved Burners for Domestic and Commercial Use.

Approved Range Oil Burners and Space Heaters.

Progress Report.

PUBLIC HEARINGS

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Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, June 10, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, June 17, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed up to June 5, 1935.

Cal. No.	Department	Premises Affected.
145-35-BZ....	D.B.Q.....	105-02 Astoria boulevard (Block 1692, Lot 1), East Elmhurst, Queens, Applic. 1099-35.
144-35-A.....	D.B.M.....	1317-29 Broadway, 441-459 7th avenue, 151 West 34th street and 148-166 West 35th street (Block 810, Lots 1-12-50), Manhattan. Decision.
143-35-A.....	D.B.M.....	247 West 54th street (Block 1026, Lot 8), Manhattan, Decision.
142-35-BZ....	D.B.Bx.....	1510 Commerce avenue and 1511 Sedgwick avenue (Block 2882, Lot 9), The Bronx, N. B. 180-35.
141-35-S.....	D.B.M.....	728-730 6th avenue and 56 West 24th street (Block 824, Lot 84), Manhattan, 18407-L. D.
140-35-BZ....	D.B.Bx.....	236 Bedford Park boulevard (200th street), (Block 3297, Lots 40-41), The Bronx, N. B. 116-35.

Restored to Calendar.

331-32-BZ....	D.B.Bx.....	Southeast corner of Boston road and Astor avenue, (Block 4343, Lot 30), The Bronx, N. B. 275-32.
535-32-BZ....	D.B.Bx.....	Northeast corner of Boston road and Astor avenue, (Block 4346, Lot 5), The Bronx, N. B. 421-32.
938-22-SA....	F.D.....	Johnson Improved Rotary Fuel Oil Burner, Appliance.
345-31-SA....	F.D.....	Silent Glow Oil Burner, Models 3800, 6800 and 8800, Appliance.
311-33-BZ....	D.B.B.....	5709-5717 Church avenue, N. S. 67 feet 6¾ inches east of East 57th street (Block 4683, Lot 36½ and part of Lots 42 and 44), Brooklyn, Decision.
100-34-BZ....	D.B.Q.....	138-50 Jamaica avenue and 89-11 138th place, southeast corner, (Block 1024, part of Lot 1), Jamaica, Queens, Plan No. 269-34.

CODE

F.D.....	Fire Department
H.D.....	Health Department
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D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

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LIST OF APPROVED APPLIANCES

Anti-Siphon Valves	Mar. 5, 1935—Vol. 20 No. 10
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Range Oil Burners and Space Heaters	June 11, 1935—Vol. 20, No. 24

COURT DECISION

Matter of Pallante (Board of Standards and Appeals)—March 14, 1933, Board granted extension of an existing gas station under sections 7-a and 21; Cal. No. 532-32-BZ, Premises S. E. corner Astoria avenue and 31st street, Astoria, Queens. December 12, 1933, Board granted modification to permit rearrangement of use on smaller plot because of the widening of Astoria avenue. June 7, 1934, certiorari was served on the ground that an affected property owner had not received notice by mail of the modification granted December 12, 1933. Motion to vacate certiorari which was not obtained within thirty days of Board's action was denied by Mr. Justice Lockwood (N. Y. L. J. January 2, 1935) on the ground that notice was fraudulently mailed to a former owner and not to present owner of adjoining property. Appellate Division reversed Special Term on the law, citing Ottinger case as to sufficiency of notice to property owners by publication in Bulletin. (N. Y. L. J. June 4, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, JUNE 10, 1935, AT 2 P. M.

Building Zone Cases.

86-35-BZ.	APPLICANT—Elias K. Herzog, for Frances Foster, owner. PREMISES—1750 Davidson avenue, southeast corner of West 176th street (Block No. 2861, Lot Nos. 67 and 69), The Bronx. APPLICATION, under section 21 of the building zone resolution, TO PERMIT in a residence district the alteration and change of occupancy of part of a multiple dwelling to business use (stores).
103-35-BZ.	APPLICANT—Michael Levine, for Angelo Dell Abate and Louis Piccola, owners. PREMISES—5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33), Brooklyn. APPLICATION, under section 21 of the building zone resolution, TO PERMIT in a business district the erection and maintenance of a gasoline service station.
106-35-BZ.	APPLICANT—Fertig, Walter and Gottesman, for Michael Tuch, owner. PREMISES—153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

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APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.).

115-35-BZ.

APPLICANT—Eugene De Rosa, for Amsterdam Apartments, Inc., owner.

PREMISES—361-363 West 23rd street, north side, 150 ft. 1 1-8 in. east of 9th avenue and between 346-348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

APPLICATION, under sections 7c and 21 of the building zone resolution.

TO PERMIT partly in a business district and partly in a residence district, the erection and maintenance of a building to be used as a motion picture theatre, stores and offices.

567-32-BZ.

APPLICANT—Raymond B. Stringham, for A. C. & H. M. Hall Realty Company, owner.

PREMISES—3320-3338 Broadway, east side, from West 134th to West 135th streets (Block No. 1988, Lot No. 1), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened May 14, 1935),

TO PERMIT the amendment of a resolution, granting in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles, so as to include an additional vehicular driveway and also, the alteration and change of occupancy of part of said garage to include a gasoline service station.

JUNE 11, 1935, 10 A. M.

Building Zone Cases.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 11, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 73-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of Max Hausle, applicant, on behalf of Mary Entenmann, owner, to permit in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop; premises 1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

CAL. NO. 257-33-BZ—Application of Alfred H. Eccles, on behalf of Oliver Holding Corp., owner, reopened May 22, 1934, under section 21 of the building zone resolution, to permit in a residence district the maintenance of an open air parking space and a small office building; premises 41-22 to 41-48 46th street, west side, 100 ft. north of 43rd avenue and 41-23 to 41-47 45th street (Block No. 156, Lot Nos. 5 and 31), Woodside, Borough of Queens.

CAL. NO. 492-29-BZ—Application of Charles Schaefer, Jr., on behalf of Theobald Bros. Corporation, owner, reopened December 11, 1934, under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores); premises 2183-2185 Grand Concourse, west side, 154.94 ft. south of East 182nd street (Block No. 3162, Lot No. 30), The Bronx.

HARRIS H. MURDOCK, *Chairman*

JUNE 11, 1935, 2 P. M.

Appeals from Administrative Orders

72-35-A—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

33-35-A—134-27 218th street (Block No. 3590, Lot No. 13), Springfield, Borough of Queens.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

Appliances Submitted for Approval.

133-35-SA—Monarch Industrial Oil Burner.

134-35-SA—Fluid Heat (Gun Type) Oil Burner, Model P.

135-35-SA—Loyalty Conversion Hot Water Heater.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, June 11, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 915-19-BZ—Application of Jacob Feld, on behalf of Paul Viane, owner, reopened May 14, 1935, to permit the connection by vehicular opening protected by fire door, of a garage for more than five (5) motor vehicles in a business use district, granted by the Board under Section 7e of the building zone resolution on December 18, 1919, with a garage for more than five (5) motor vehicles in an unrestricted use district; premises 685-691 Lenox avenue, northwest corner of West 144th street and 104-106 West 145th street (Block No. 2013, Lot Nos. 29 and 37), Manhattan.

CAL. NO. 80-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Kavy and Kavovitt, Inc. applicants, on behalf of Sophia A. Seidman and Estate of Sarah Newland, owners, to permit on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements; premises 1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

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CAL. NO. 441-31-BZ—Application, September 9, 1931, under section 7f of the building zone resolution, of Michael Giventer, applicant, on behalf of Isidor Popkin, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board March 29, 1932; restored to active Calendar April 30, 1935); premises 7702-7704 Flatlands avenue, southeast corner of East 77th street (Block No. 8014, Lot No. 1), Brooklyn.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

CAL. NO. 99-33-BZ—Application of Seelig and Finkelstein, Inc., on behalf of New York Rapid Transit Corporation, owner, reopened May 21, 1935, under section 21 of the building zone resolution, for consideration as to the extension of time of permit re Application, granted on certain conditions July 11, 1933, permitting in a business district the use and occupancy of a vacant plot of ground as an open air parking space for more than five (5) motor vehicles; premises 3068-3074 Ocean parkway, west side, 283 ft. 7 in. north of Sea Breeze avenue (Block No. 7282, part of Lot No. 57 and part of Lot No. 60), Brooklyn.

CAL. NO. 34-35-BZ—Application, February 8, 1935, under sections 7a and 21 of the building zone resolution, of Jacob Sulzbach, applicant, on behalf of Ken-Isle Inc., owner, to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises 18-05 11th avenue (Cross Island boulevard), east side, 800 ft. south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, JUNE 17, 1935, AT 2 P. M.

Building Zone Cases.

107-35-BZ.

APPLICANT—Scacchetti & Siegel, for estate of Julian Ismay Jones, infant, owner; May Ismay Sullivan general guardian.

PREMISES—1301-1305 Jerome avenue and 1-9 West Clarke place, northwest corner (Block No. 2856, Lot Nos. 60 and 63), The Bronx.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT upon a plot of ground located partly in an unrestricted district and partly in a business district, the erection and maintenance of a building to be used as a garage for more than five (5) motor vehicles and motor vehicle repair shop and, also, a gasoline service station.

116-35-BZ.

APPLICANT—Andrew F. Weber, for Ann H. Draper, owner

PREMISES—103-44 Springfield boulevard, northwest corner of Hollis avenue (Block No. 2008, Lot No. 22A), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of part of an existing dwelling so as to include a business use (undertaking establishment).

641-30-BZ.

APPLICANT—Michael Shanley, for 2508 Broadway, Inc., owner.

PREMISES—South side of Hillside avenue 41 ft. east of 207th street (Block No. 1508, Lot Nos. 3, 4, and 5), Queens Village, Borough of Queens.

APPLICATION, under sections 7f and 21 of the building zone resolution (reopened April 23, 1935),

TO PERMIT partly in a business use district and partly in a residence use district, the maintenance of a gasoline service station for a further period of two (2) years.

203-33-BZ.

APPLICANT—Lama and Proskauer, for Borden's Farm Products Co., Inc., owner.

PREMISES—365-379 4th avenue, east side 20 ft. north of 6th street (Block No. 987, part of Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened April 30, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

1066-25-BZ

APPLICANT—Roland Lievendag, owner.

PREMISES—Northwest corner of 46th avenue (Queens avenue) and 164th street (24th street); (Block No. 5442, Lot No. 81), Flushing, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened April 30, 1935).

TO PERMIT in a business district the alteration of a garage for more than five (5) motor vehicles (with permit for sale of gasoline), which was granted by the board, on March 30, 1926 (and extended into the residence district under Cal. No. 74-28-BZ) so as to form an alcove gasoline service station.

JUNE 18, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 18, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 61-35-BZ—Application, March 8, 1935, under section 21 of the building zone resolution, of W. H. Harrington, applicant, on behalf of Joseph L. Fries Co., Inc., owner, to permit in a business district the erection

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and maintenance of a gasoline service station; premises 307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

CAL. NO. 27-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Bertha Schrank, owner, to permit in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station; premises 3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

CAL. NO. 110-35-BZ—Application, April 25, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of 2210 Grand Concourse, Inc., owner, to permit in a residence district the erection and maintenance of a business building (stores); premises 2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), The Bronx.

CAL. NO. 431-31-BZ—Application of Anna Segall, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JUNE 18, 1935, 2 P. M.

Appeals from Administrative Orders.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

18-35-A—900-910 Jamaica avenue and 5-9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.

128-35-A—701 Oriental boulevard, corner of Ocean avenue (Block No. 7517, Lot No. 2020), Manhattan Beach, Brooklyn (Manhattan Beach Baths).

129-35-A—1702 Shore boulevard, corner of Oxford street (Block No. 7517, Lot No. 1460), Manhattan Beach, Brooklyn (Oriental Beach Baths).

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, June 18, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 485-28-BZ—Application of Henry Lichtig, on behalf of Service Garage, Inc., owner, reopened May 28, 1935, under section 21 of the building zone resolution, to permit in a business district the alteration and

change of occupancy of a portion of an existing garage for more than five (5) motor vehicles (previously granted by the board) so as to include a gasoline service station; premises 3561-3567 White Plains road and 670 East 213th street, southwest corner (Block No. 4643, Lot No. 37), The Bronx.

CAL. NO. 74-35-BZ—Application, March 15, 1935, under section 21 of the building zone resolution, of Charles B. Meyers, applicant, on behalf of Zex Realty Corp., owner, to permit in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station; premises 2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, JUNE 24, 1935, AT 2 P. M.

Building Zone Cases.

2-35-BZ.

APPLICANT—Jacob Lubroth, for Mipan Property, Inc., owner.

PREMISES—5313-5323 Avenue D and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop.

79-35-BZ.

APPLICANT—Patrick Filomio, for Filomio Building Corp., owner.

PREMISES—3223 Laconia avenue, west side, 81.41 feet north of Boston road (Block No. 4613, Lot No. 54), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop.

95-35-BZ.

APPLICANT—Frank V. Laspia, for Stanley Gorski, owner.

PREMISES—423 Barbey street, east side, 150 feet north of Belmont avenue (Block No. 4013, Lot No. 3), Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a residence district the change of occupancy of an existing building (located on the rear of the lot) to a knitting mill.

104-35-BZ.

APPLICANT—Lama and Proskauer, for Angelino Agostino, owner.

PREMISES—5809-5813 Bay Parkway, east side, 80 feet $8\frac{3}{8}$ inches north of 59th street (Block No. 6547, Lot Nos. 5 and 7), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in an unrestricted district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station.

CALENDAR

JUNE 25, 1935, 10 A. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 25, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 510-32-BZ—Application of Arthur W. Renander, on behalf of Hermine Weber, owner, reopened May 15, 1934, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 135-15 to 135-23 Rockaway boulevard and 120-32 to 120-38 Van Wyck boulevard, northwest corner (Block No. 2558, Lot Nos. 1 and 3), South Ozone Park, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

JUNE 25, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, June 25, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution,

of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 222-34-BZ—Application, August 2, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Meyer Werman, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board October 30, 1934; restored to active Calendar May 14, 1935); premises southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Borough of Queens.

CAL. NO. 100-34-BZ—Application of Samuels and Samuels, on behalf of Kariene Burke, owner, reopened June 4, 1935 for consideration of an amendment to the resolution of July 3, 1934 as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 138-50 Jamaica avenue and 89-11 138th place, south east corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, JUNE 4, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, May 28, 1935 and the minutes of the regular meeting of the board held on Tuesday afternoon, May 28, 1935, were approved as printed in Bulletin No. 23, Vol. XX.

BUILDING ZONE CASES

74-35-BZ.

APPLICANT—Charles B. Meyers, for Zex Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station.

PREMISES AFFECTED—2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Brooklyn.

APPEARANCES—

For Applicant: Charles B. Meyers, William Bernstein, George L. Wills.

For Opposition: Anna Troisi, Jeanette Miseowack, Josephine Claudius, Paul Scaglotti.

ACTION OF BOARD—Laid over to June 18, 1935, at 2 P. M., for report of committee on inspection. No further argument.

82-35-BZ.

APPLICANT—Benjamin Millstein, for Millie Siegel, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of an apartment house to business use.

PREMISES AFFECTED—210 West 88th street (Block No. 1236, Lot No. 41), Manhattan.

APPEARANCES—

For Applicant: Benjamin Millstein, L. B. Santangelo.

For Opposition: Charles W. Lange.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Absent 0

THE RESOLUTION—

(82-35-BZ)

WHEREAS, Benjamin Millstein, for Millie Siegel, owner, filed March 28, 1935, an application under the building zone

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resolution to permit in a residence district the alteration and change of occupancy of part of an apartment house to business use; premises: 210 West 88th street (Block No. 1236, Lot No. 41) Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 4, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that West 88th street is in a residence and business district; West 87th street is in a residence and business district; Broadway is in a business district and Amsterdam avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 2, 1935 re Applic. No. 2353-1931, reads:

"3. Business use in a residence district is contrary to Art. II, Sec. 3, zone resolution."

and
WHEREAS, the building is of non-fireproof construction 5 stories and basement in height, with a frontage of 27 feet and a depth of 87 feet, occupied as a multiple dwelling. It is proposed to alter and convert the front portion of the basement and first story from residential to business use, 2 stores, two in the basement and two in the first story; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution—practical difficulties and unnecessary hardship—and, therefore, was not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application under section 21 be and it hereby is *denied*.

83-35-BZ.

APPLICANT—Benjamin Millstein, for Millie Siegel, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of two (2) apartment houses to business use.

PREMISES AFFECTED—204-206 West 88th street (Block No. 1236, Lot Nos. 38 and 39), Manhattan.

APPEARANCES—

For Applicant: Benjamin Millstein, L. B. Santangelo.

For Opposition: Charles W. Lange.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(83-35-BZ)

WHEREAS, Benjamin Millstein, for Millie Siegel, owner,

filed March 28, 1935, an application under the building zone resolution to permit in a residence district the alteration and change of occupancy of part of the two (2) apartment houses to business use; premises: 204-206 West 88th street (Block No. 1236, Lot Nos. 38, and 39) Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 4, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that West 88th street is in a residence and business district; West 87th street is in a residence and business district; Broadway is in a business district and Amsterdam avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 12, 1935, re alteration No. 517-1935, reads:

"The location of a business in a residence district is unlawful. Art. II, Sec. 3, building zone resolution."

and

WHEREAS, the premises consist of two buildings of non-fireproof construction 5 stories and basement in height, with a frontage of 27 feet and a depth of 87 feet, each occupied as multiple dwellings. It is proposed to alter and convert the front portion of the basement and first story of each of these buildings from residential to business use, 2 stores in the basement and two in the first story of each building; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution—practical difficulties and unnecessary hardship—and, therefore, was not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application under section 21 be and it hereby is *denied*.

APPEAL FROM ADMINISTRATIVE ORDER

597-20-A.

APPELLANT—170 Dyckman Street Corporation, owner.

SUBJECT—Request for reopening—amendment—re appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—168-170 Dyckman street (Block No. 2175, Lot No. 70), Manhattan.

APPEARANCES—

For Appellant: John H. Barry, R. O. Hoffmann, J. Secoles.

ACTION OF BOARD—Request to reopen, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

Adjourned, 12:05 P. M.

EDWARD V. BARTON, *Chief Clerk*.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, JUNE 4, 1935,

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

243-34-BZ.

APPLICANT—Samuels and Samuels for A. R. Olsen Bldgs. Co. Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2909-2917 86th street and 525-535 Van Siclen street, Northeast corner (Block No. 7169, Lot No. 28) Brooklyn.

APPEARANCES—

For Applicant: Archie Samuels.

For Opposition: None.

ACTION OF BOARD—Laid over to June 25, 1935, at 2 P. M., for further consideration by the board.

222-34-BZ.

APPLICANT—Samuels and Samuels, for Meyer Werman, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously laid over for a full vote of board October 30, 1934; restored to active calendar, May 14, 1935).

PREMISES AFFECTED—Southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Borough of Queens.

APPEARANCES—

For Applicant: Archie Samuels.

For Opposition: None.

ACTION OF BOARD—Laid over to June 25, 1935, at 2 P. M., for inspection by a committee of the board.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman & Cooper, for Ell-jane Holding Corp., owner.

SUBJECT—Application for reopening—extension of permit—re application (decision of superintendent of buildings) under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), Borough of The Bronx.

APPEARANCES—

For Applicant: Leopold A. Halperin.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

SUBJECT—Application for reopening—extension of Permit—re application (decision of the superintendent of buildings) under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northeast corner of Boston road and Astor avenue (Block No. 4346, Lot No. 5) Bronx.

APPEARANCES—

For Applicant: Frederick Ryan.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

206-34-BZ.

APPLICANT—Bertram G. Eadie, for Mary Picerno owner.

SUBJECT—Request for reopening—reconsideration under new facts—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southwest corner of Jewett avenue and Castleton avenue (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

APPEARANCES—

For Applicant: Bertram G. Eadie.

ACTION OF BOARD—Request to reopen, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

311-33-BZ.

APPLICANT—Lama and Proskauer, for Churchway Holding Corp., present owner.

SUBJECT—Application for reopening—restoration to calendar, previously withdrawn—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—5709-5717 Church avenue, north side, 67 feet 6¾ inches east of East 57th street (Block No. 4683, Lot No. 36½ and part of Lot Nos. 42 and 44), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

261-34-BZ.

APPLICANT—Wood and Marshall, for Samuel H. Baylis and Sheldon F. Baylis, owners.

SUBJECT—Request for reopening—amendment—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station and also a parking space for more than five (5) motor vehicles.

PREMISES AFFECTED—93-28 New York avenue, west side, 25 feet south of L. I. Railroad (Block No. 1052, Lot Nos. 41 and 43), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Samuel H. Baylis.

MINUTES

ACTION OF BOARD—Request to reopen, withdrawn.
THE VOTE TO WITHDRAW REQUEST TO RE-
OPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

371-32-BZ.

APPLICANT—Joseph Lynch, for Pennant Petroleum Corp.,
owner.

SUBJECT—Request for reopening—extension of time—re
application (re decision of the superintendent of
buildings) under section 21 of the building zone
resolution, permitting partly in a business district
and partly in an unrestricted district, the change of
occupancy of an existing building to a garage for
more than five (5) motor vehicles.

PREMISES AFFECTED—150-160 Wallabout street, south-
east corner of Bedford avenue (Block No. 2263, Lot
Nos. 10, 11, 12 and 13), Brooklyn.

APPEARANCES—

For Applicant: Joseph Lynch.

ACTION OF BOARD—Request to reopen, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO RE-
OPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

100-34-BZ.

APPLICANT—Samuels and Samuels, for Kariene Burke,
owner.

SUBJECT—Application for reopening—amendment—re ap-
plication (decision of the commissioner of buildings)
under section 21 of the building zone resolution, per-
mitting in a business district the erection and main-
tenance of a gasoline service station.

PREMISES AFFECTED—138-50 Jamaica avenue and
89-11 138th place, southeast corner (Block No. 1024
part of Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Archie Samuels.

ACTION OF BOARD—Application reopened, calendar call
waived and set for hearing, June 25, 1935, at 2 P. M.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

414-29-BZ.

APPLICANT—Philip E. Semel, for Christine C. Sartor,
owner.

SUBJECT—Application (re decision of the commissioner
of buildings) under section 21 of the building zone
resolution, previously granted, permitting partly in a
business district and partly in a residence district
the erection and maintenance of a garage for the
storage of more than five (5) motor vehicles—time
to complete work having expired.

PREMISES AFFECTED—970-978 Nostrand avenue, north-
west corner of Sullivan place (Block No. 1305, Lot
Nos. 46, 47, 48 and 50), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application withdrawn upon writ-
ten request.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4

Negative 0
Absent 0

244-19-BZ.

APPLICANT—Carl L. Otto, for Novia Candy Co., owner.

SUBJECT—Application for reopening—amendment—re
application (decision of the commissioner of build-
ings) to permit under sections 7 B and 7 C of the
building zone resolution, the extension of a factory
building from an unrestricted district into a business
district.

PREMISES AFFECTED—41-59 Wyckoff avenue (Block
No. 3200, Lot Nos. 1 and 6) Brooklyn.

APPEARANCES—

For Applicant: Carl Otto Jr., and J. C. Colgan.

ACTION OF BOARD—Application reopened and amended.
THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(244-19-BZ)

WHEREAS, this application affecting premises 41-59
Wyckoff avenue (Block No. 3200, Lot Nos. 1 and 6), Bor-
ough of Brooklyn, to permit the extension of a proposed
factory from an unrestricted into a business use district, was
granted by the board May 27, 1919, on certain conditions
and present owner requests an amendment of the resolution.

Resolved that the Board of Standards and Appeals does
hereby *amend* resolution adopted by the board on May 27,
1919 by adding thereto the following:

"That in the event it is desired to locate on the roof a
steel tank for the storage of syrup, as proposed in letter
dated May 27, 1935, and plan attached thereto, such tank
may be installed *on condition* that it is made of steel
and left unenclosed and properly supported to the satis-
faction of the commissioner of buildings; that other
than as amended herein the resolution adopted by the
board on May 27, 1919, shall be complied with in all re-
spects."

65-34-BZ.

APPLICANT—Daniel Epstein, for Domenick Schirripa,
owner.

SUBJECT—Application for reopening—extension of time—
re application (decision of the commissioner of build-
ings) under section 21 of the building zone resolu-
tion, permitting in a business district the erection
and maintenance of a refrigerating plant.

PREMISES AFFECTED—5901-5911 13th avenue, south-
east corner of 59th street (Block No. 5712, Lot No.
1), Brooklyn.

APPEARANCES—

For Applicant: Charles A. Olsen.

ACTION OF BOARD—Application reopened and time ex-
tended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

MINUTES

THE RESOLUTION—

(65-34-BZ)

WHEREAS, this application affecting premises 5901-5911 13th avenue, southeast corner of 59th street (Block No. 5712, Lot No. 1), Borough of Brooklyn, was granted by the board May 29, 1934, on certain conditions and owner requested an amendment of the resolution and an extension of time.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on May 29, 1934, only so far as it has reference to obtaining permits and completion of work, so that as amended this portion of the resolution shall read:

"that all permits shall be obtained within six months and all work shall be completed within one year from the date of this amendment, *on condition* that other than as amended herein the resolution adopted by the board on May 29, 1934, shall be complied with in all respects."

AREA FIXED.

(81-35-BZ)

The chairman presented and read a communication from R. T. Schaefer, requesting the board to fix an area deemed affected and within which to obtain consents to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than 10 motor vehicles, grease pits and automobile accessory station: premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Borough of Brooklyn.

The following area was approved:

Both sides of Flatbush avenue from a point 400 feet north to a point 400 feet south of premises in question; both sides of Baughman place from Flatbush avenue to Troy avenue; the south side of Avenue M between Flatbush avenue and Troy avenue and also both sides of Troy avenue from Avenue M to Flatbush avenue. Include also Lot 15, Block 7867, but exclude Lots 2 and 11 of Block 7869.

APPEALS FROM ADMINISTRATIVE ORDERS

348-34-A.

APPELLANT—The Mantrose Corporation, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to June 18, 1935, at 2 p. m., for further consideration by the board.

41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

APPEARANCES—

For Appellant: None.

For Owner of Premises—Arthur A. Birnkrant.

For Administration: None.

ACTION OF BOARD—Laid over to June 11, 1935, at 2 p. m., upon request of representative of owner of premises.

90-35-A.

APPELLANT—Ashley T. Cole, for National Carbon Company, Inc.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: Albert J. Snook, J. R. Marsh, Geo. W. Martin, Allen Blank, H. W. Wilds, Arthur C. Bang and others.

In Opposition: J. G. Fink, Jos. S. Byrne, I. E. Jacobs, Jacob Streiner, Benjamin Hoffman, Albert A. Klein, and others.

For Administration: None.

ACTION OF BOARD—Laid over to June 18, 1935, at 2 p. m., for consideration by the board. No further argument.

18-35-A.

APPELLANT—Clarence F. Kaltenbach, against Benisch Bros., Inc., owner of premises affected.

SUBJECT—Appeal from a decision of the commissioner of buildings re Revocation of Certificates of Occupancy issued by the Commissioner of Buildings.

PREMISES AFFECTED—900-910 Jamaica avenue and 5-9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.

APPEARANCES—

For Appellant: Clarence F. Kaltenbach.

For Owner of Premises: John P. McGrath.

For Administration: Assistant Engineer Benjamin Saltzman of department of buildings.

ACTION OF BOARD—Laid over to June 18, 1935, at 2 p. m., upon request of representative of owner of premises.

128-35-A.

APPELLANT—John S. Turnbull, for Joseph P. Day, Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—701 Oriental boulevard, corner of Ocean avenue (Block No. 7517, Lot No. 2020), Manhattan Beach, Brooklyn (Manhattan Beach Baths).

APPEARANCES—

For Appellant: Arthur E. French.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to June 18, 1935, at 2 p. m., upon request of representative of the fire department.

129-35-A.

APPELLANT—John S. Turnbull, for Joseph P. Day, Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—1702 Shore boulevard, corner of Oxford street (Block No. 7517, Lot No. 1460) (also corner of Oriental boulevard and Langham street), Manhattan Beach, Brooklyn (Oriental Beach Baths).

APPEARANCES—

For Appellant: Arthur E. French.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to June 18, 1935, at 2 p. m., upon request of representative of the fire department.

APPLIANCES SUBMITTED FOR APPROVAL

938-22-SA.

APPLICANT—H. Lieblich & Co., for S. T. Johnson Oil Burner Co., owner.

MINUTES

SUBJECT—Application for reopening—amendment—Johnson Improved Rotary Fuel Oil Burner, approval of.
APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened, placed on reserve calendar and referred to engineer of board and bureau of combustibles, fire department, for test and report.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

345-31-SA.

APPLICANT—Irving Hecht, for The Silent Glow Oil Burner, Corp., owner.

SUBJECT—Application for reopening—amendment—Silent Glow Oil Burner, Models No. 3800, No. 6800 and No. 8800, approval of.

APPEARANCES—

For Applicant: Irving Hecht.

ACTION OF BOARD—Application reopened—placed on reserve calendar and referred to engineer of board and bureau of combustibles, fire department, for test and report.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

Adjourned, 4:15 p. m.

EDWARD V. BARTON, *Chief Clerk.*

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, May 21, 1935, as they appeared in the Bulletin No. 22, Vol. XX, are hereby corrected to read as follows:

404-31-BZ.

APPLICANT—Ferdinand Savignano, for Aljon Realty Company, Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Brooklyn.

APPEARANCES—

For Applicant: Arnold Lederer.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioner
Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

* *Correction*—Word “no” changed to “the” in line 17 of the resolution.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioner
Blum and Assistant Chief Kidney 3
Negative 0
Absent: Commissioner Savage 1

THE RESOLUTION—

(404-31-BZ)

WHEREAS, this application affecting premises 6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Borough of Brooklyn, was granted by the board January 29, 1932, on certain conditions, the resolution amended from time to time and applicant requests a further amendment.

Resolved, that the resolution adopted by the board on January 29, 1932, as amended by resolutions adopted May 10, 1932, and March 19, 1935, be and it hereby is *amended* by adding thereto the following paragraph:

“that in the event that the owner desires to change the use of the five (5) car garage, which was a permitted use in a business district, prior to the adoption of this resolution, to a battery service, that such change may be made without being in conflict with the terms of this resolution *on condition* that no repairing of motor vehicles shall be carried on; that the sign advertising such battery service shall be a neat sign not exceeding 2 ft. by 3 ft., attached to the front of the existing garage building; that nothing herein contained shall otherwise modify the resolution adopted by the board on January 29, 1932, as amended by resolution adopted March 19, 1935.”

APPROVED APPLIANCES

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

RULES

OIL BURNER RULES

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals
June 15, 1934

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

RULES

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester. (American Society for Testing Materials Method D93-22.)

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited unless complying with flash point requirement in paragraph (a) above and is used with burners designed to burn No. 5 U. S. commercial standard grade oil.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or more shall be built of new full weight American open hearth tank steel, free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and head plates shall be U. S. Standard 12 gauge (.109"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All 275-gallon storage tanks shall have permanently affixed the approval label of a nationally recognized standard testing laboratory not operated for commercial profit. They shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding hydrostatic test of 10 pounds per square inch without permanent deformation, rupture or leakage.

(e) All storage tanks of more than two hundred and seventy-five (275) gallons' capacity shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding a hydrostatic test without permanent deformation, rupture or leakage as follows:

(1) Oval, obround, rectangular, or specially shaped storage tanks, twenty pounds per square inch:

(2) Cylindrical storage tanks, fifty pounds per square inch.

(f) All cylindrical storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface.

(g) All buried storage tanks shall be thoroughly coated on the outside with hot tar, asphaltum, or other equivalent rust-resisting material; and where the tank is 48 inches or less in diameter the shell shall have a thickness of not less than $\frac{3}{16}$ of an inch and where the tank is over 48 inches in diameter the shell shall have a thickness of not less than $\frac{1}{4}$ of an inch.

(h) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers permanently sealed; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 2. Vertical Above-Ground Storage Tanks.

(a) All vertical above-ground storage tanks shall be built of new full weight American open hearth tank steel free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and bottom plates shall be one-quarter inch ($\frac{1}{4}$ ") and the minimum thickness of roof plates shall be one-eighth inch ($\frac{1}{8}$ ") and in no case shall the construction of the tank be less than the standard requirements of American Petroleum Institute specifications.

(b) The roofs of vertical storage tanks shall be designed to shed water and shall be permanently grounded to the tank shell. This, however, shall not exclude the use of floating steel decks.

(c) All above-ground storage tanks shall be electrically grounded.

(d) Vertical above-ground storage tanks shall be without permanent deformation and shall show no leaks when completely filled with water for test purpose prior to filling with oil.

Section 3. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

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Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimensions six inches (6") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than one foot (1') above the top of the tank and the space between the tank and the walls of the enclosure shall be completely filled with clean sand or well tamped earth.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter (1¼) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "

If distant 50 feet.....	48,000 gallons
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half (1½) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth (¼) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half (1½) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper or brass tubing, may be used. Flexible metal tubing, when used for conveying oil shall be adequately protected. Soldered connections are prohibited.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half (1½) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches (1¼") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than ½ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not

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less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. Such fill pipe terminal shall be not more than twenty feet (20') from the curb or private right of way.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil" on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch.

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Commissioner.

(b) Applications for approval for permit shall be made by the installer on forms furnished by the administrative official and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued until the installation has been inspected by a representative of the administrative official.

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Section 2. Plans.

Except for installations in dwellings as defined in these rules the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried. Such tanks shall not be installed until the location of the tank has been approved by the Commissioner of Buildings.

Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks of two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty (20) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of ten minutes, released for five minutes, and again applied for a period of ten minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the administrative official. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be tested to prove their operation following the test of tank and piping.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the administrative official giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No rubbish or other combustible material shall be stored or maintained within five feet (5') of heating apparatus.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath such devices protected by a $\frac{1}{2}$ " asbestos or equivalent shield extending at least twelve (12") inches beyond the outline dimensions of such device.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand.

Rule 15. Instruction Cards.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity [Rule 4(b)] are installed, there shall also be posted a copy of the approval specifications in addition to the instruction card herein provided for.

(b) For manually operated systems not fully automatic the operator shall obtain a certificate of fitness from the fire commissioner.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, or when additional protection is necessary, the administrative official shall have power to accept substitute methods so that the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules applicable thereto shall be deemed acceptable.

APPROVED APPLIANCES

Burners for Domestic and Commercial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A. B. C. Oil Burner.....	1295-24-SA	Ember-Glo Oil Burner.....	462-32-SA
A. B. C. Oil Burner, Type H.....	684-29-SA	Enterprise Rotary Fuel Oil Burner.....	1149-27-SA
Acme Oil Burner, Models BO-1 and BO-2	132-34-SA	Enterprise Steam Atomizing Burner.....	15-33-SA
Aetna Automatic Oil Burner.....	1547-23-SA	Enterprise Type Junior "W" Oil Burner,	
Air-Blast Oil Burner.....	579-32-SA	Models 1, 2 and 3.....	225-32-SA
Alladin Oil Burner.....	298-26-SA	Espo Oil Gas Burner.....	1431-23-SA
Alexander Oil Burner.....	65-28-SA	Evenheet Oil Burner.....	554-32-SA
Alida Oil Burner.....	124-34-SA	Everedy Oil Burner.....	102-33-SA
American Blue Flame and Sun Flame Oil			
Burning Heaters, Models No. 73, 86, 88,		Fairfield Oil Burner.....	584-31-SA
92, 93, 94, 95 and 96.....	298-33-SA	Faultless Oil Burner.....	493-24-SA
Arcoil Heat Machine.....	632-26-SA	Fluid Heat Domestic Oil Burner, Type O	1094-27-SA
Auto-Heat Oil Burner.....	284-33-SA	Fluid Heat Oil Burner.....	361-32-SA
Autocrat Oil Burner, Model B-1.....	297-31-SA	Forsdraft Oil Burner.....	41-34-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Foster Oil Burner.....	715-26-SA
		Franklin Domestic Oil Burner.....	560-26-SA
Baker Automatic House Heating Burner	1323-22-SA	Freeport-Silent Service Oil Burner, Models	
Baker Oil Burner, Model L, Gun Type	404-29-SA	5, 10 and 30.....	97-33-SA
Ballard Baby Grand Oil Burner.....	447-32-SA	Fuelo Oil Burner.....	47-30-SA
Ballard Super Domestic Oil Burner.....	939-24-SA		
Bayard Domestic Fuel Oil Burner.....	1184-22-SA	Gar Wood Oil Burner.....	373-30-SA
Berggren Oil Burner.....	764-26-SA	Gar Wood Oil Burner, Models K and K-3500	481-32-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	General Electric Fuel Oil Burner.....	434-32-SA
Bettendorf Automatic Oil Burner, Models D,		General Electric Oil Burner, Type DA-2..	228-33-SA
F and G	88-34-SA	Ghapco Steam Generator.....	348-31-SA
Bettendorf High Pressure Oil Burner....	479-31-SA	Gilbarco Industrial Burner.....	350-32-SA
Bettendorf Oil Burner.....	731-28-SA	Gilbert & Barker Flexible Flame Burner..	109-31-SA
Bettendorf Oil Burner, Model H.B.....	498-32-SA	Gilbert & Barker Junior Flexible Flame	
Bock Oil Burner, Models A, B, C and D	123-31-SA	Domestic Oil Burner.....	520-31-SA
Bock Oil Burning Water Heater.....	102-34-SA	Gilbert & Barker Oil Burner, Model S-1..	282-33-SA
Braden Automatic Fuel Oil Burner.....	322-30-SA	Gill Oil Burner	1231-23-SA
Branford Oil Burner.....	36-31-SA	Gold Star Oil Burner, Models F and S.....	166-33-SA
Branford Oil Burner, Model "A".....	461-32-SA	Goodrich Oil Burner, Models G-O, G-1, G-2	
Brighton Oil Burner.....	372-33-SA	and G-3	441-31-SA
Bullet Automatic Oil Burners, Models A		Goodspeed Automatic Oil Burner.....	957-27-SA
and B.....	195-33-SA	Goodspeed Oil Burner, Nozzle Type 2....	346-33-SA
		Grant Oil Burner.....	382-26-SA
Caloroil Burner, Type AA.....	1361-24-SA	Grant Oil Burner, Model "C".....	232-32-SA
Camel Automatic Oil Burner, Model 30,			
Types A, B and C and Models J and A.S.	229-32-SA	Hardinge Oil Burner.....	813-25-SA
Carboradiant Oil Burner, Models V & VS	16-31-SA	Hardinge Oil Burner, Model 23.....	33-33-SA
Carboradiant Oil Burner, Model VSS....	49-32-SA	Harris Fuel Oil Burner.....	690-30-SA
Carborundum Burner	571-29-SA	Hart Automatic Oil Burner.....	1162-24-SA
Carter-Korth Oil Burner, Model "P"....	389-32-SA	Hart Automatic Oil Burner, Model Series	
Carter-Korth Oil Burner	54-30-SA	"DO"	595-29-SA
Carter Oil Burner, Models 4X and 5X....	117-34-SA	Hart Oil Burner, Model "H"	221-33-SA
Century Oil Burner	157-28-SA	Hayward Oil Burner	696-30-SA
Challenger Kleen Heat Burner, Series No. 100	813-28-SA	Heatiator Oil Burner.....	1346-23-SA
Challenger Oil Burner, Model "A".....	86-34-SA	Heil Combustion Fuel Oil Burner.....	1105-22-SA
Chalmers Automatic Oil Burner, Models D1		Heil Combustion Fuel Oil Burner, Type B	295-29-SA
and D2	608-32-SA	Hercules Oil Burner.....	510-29-SA
Commonwealth Automatic Oil Burner.....	348-28-SA	Hercules Oil Burner, Models H and HF..	309-33-SA
Concord Burner	108-35-SA	Hercules Oil Burner, Models M 1200 and	
Cook's Automatic Oil Burner.....	955-27-SA	M 1800	486-32-SA
Cope-Swift Safety Automatic Oil Burner..	354-31-SA	Holby Type A Fuel Oil Burner.....	688-29-SA
Crescent Oil Burner.....	222-29-SA	Holland Type "F" Oil Burner.....	237-34-SA
Crescent Type M Size I Oil Burner and		Homer Domestic Oil Burner.....	1211-25-SA
Models 8, 18 and 28.....	592-31-SA	Hupp Oil Burner, Models H, U, P and PP..	10-34-SA
Crown Oil Burner, Type XA.....	426-29-SA		
Crystal Blue Flame Oil Burner.....	423-29-SA	Improved Kres-Kno Oil Burner and Model	
		MD	591-29-SA
Dahl Vaporizing Oil Burner.....	915-26-SA	Inferno Oil Burner.....	82-33-SA
D'Elia Oil Burner.....	155-31-SA	International Mechanical Draft Oil Burner	372-30-SA
Delco Heat Oil Burner.....	420-31-SA	International Oil Burner.....	1305-24-SA
DeWalt Oil Burner.....	541-31-SA		
Dist-o-matic Oil Burner.....	663-28-SA	Jacobsen Balanced Oil Burner, (Model V-1)	333-33-SA
Doe Oil Burner.....	317-31-SA	Johnson Improved Rotary Fuel Oil Burner	938-22-SA
Doherty Oil Burner.....	943-26-SA	Joyce Oil Burner.....	852-26-SA
Economy Oil Burner, Type A-1.....	45-31-SA		
Eisler Automatic Oil Burner.....	481-27-SA	K. F. C. Oil Burner.....	846-25-SA
Elec-tro-matic Oil Burner, Type 151.....	125-33-SA	Kelco Oil Burner.....	237-33-SA
Electrol Automatic Oil Burner and Models		Kelvinator Oil Burner.....	339-31-SA
BB, C and EA.....	259-25-SA	Kelvinator Oil Burner, Model K.....	105-34-SA

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
KeWaNee Oil Burner, Model "C".....	518-32-SA	Petro Model T Oil Burner.....	451-31-SA
Kleen Heet Oil Burner.....	62-24-SA	Petro Model W Oil Burner.....	452-31-SA
Kleen Heet Oil Burner, Type R.....	49-33-SA	Petro Burner, Model O.....	78-28-SA
Korth Oil Burner, Model G.....	136-34-SA	Petro Burner, Model P-2.....	735-30-SA
Kreager Oil Burner.....	367-30-SA	Petro Oil Burner, Model W-2.....	244-33-SA
Kres-Kno Oil Burner.....	443-28-SA	Petro Oil Burner, Models W-1 and W-1½..	245-33-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Laco Oil Burner, Model NL.....	670-30-SA	Petroleum Heat & Power Company Fuel Oil Burner Model W-AH.....	614-32-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Pioneer Automatic Oil Burner.....	1259-27-SA
Lange Economical Oil Burner.....	355-33-SA	Powerlight Oilheat Burner.....	628-23-SA
Lawrence May Oil Burner.....	1034-27-SA	Pressure Oil Burners, Models A, B and C..	146-31-SA
Leader Oil Burner.....	425-31-SA	Presto Automatic Oil Burner.....	294-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Prize Automatic Oil Burner, Models A, B and C.....	600-31-SA
Liberty Automatic Heater.....	129-28-SA	Progressive Oil Burner, Models G4, G5, G6 and G7.....	411-32-SA
Liberty Pressure Oil Burner.....	75-34-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Lonergan Automatic Oil Burner.....	208-33-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
Lynn Power Oil Burner, Models 1, 2 and 3.	166-34-SA	Ray-Dio Sunshine Oil Burner, Model C, sizes 12, 14 and 16.....	368-34-SA
"M W" Domestic Oil Burners, Models Nos. 25, 26, 65, 66, 307, 308, 309, 400 and 800...	341-32-SA	Rayfield Oil Burner.....	504-26-SA
M. W. Emancipator Oil Burner.....	102-33-SA	Real Host Oil Burner.....	38-34-SA
M. W. Oil Burning Water Heater.....	737-29-SA	Re-Ly-On Oil Burner.....	745-26-SA
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Majestic Oil Burner.....	693-30-SA	Rexoil Domestic and Industrial Fuel Oil Burner.....	667-28-SA
Marr Oil Burner, Model H, Type R.....	765-26-SA	Richmond Gravity Fuel Oil Burner.....	1193-22-SA
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Micron Oil Burner.....	345-34-SA	S. T. Johnson Oil Heat Servant.....	157-34-SA
Midget Oil Burner.....	155-34-SA	Schulse Home Oil Burner.....	1487-23-SA
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Morse Conical Type Steam Atomizing Burner	938-25-SA	Silent-Auburn Fuel Oil Burner, Models A, B, C and O.....	463-31-SA
Morse Fan Tail Type Steam Atomizing Burner	939-25-SA	Silent Automatic Oil Burner.....	458-26-SA
Morse Fuel Oil Burner.....	820-23-SA	Silent Automatic Burner, Model "B".....	709-30-SA
Moto-Heat Oil Burner.....	195-32-SA	Silent Automatic Burner, Model "E".....	710-30-SA
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Noiseless Nokol Rotary Oil Burner, Model R	584-28-SA	Summerheet Oil Burner.....	581-26-SA
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Petro Domestic Burner.....	161-26-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
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Super Automatic Oil Heater Model SSH..	715-29-SA	Viking Oil Burner.....	396-32-SA
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Superheet Oil Burner, Model D.....	254-33-SA	Volcano Automatic Oil Burner, Models EW,	
Sword Automatic Oil Burner.....	951-25-SA	EW-1 and EW-2.....	341-33-SA
Tabor Automatic Oil Heater, Type "D"....	778-28-SA	Warner Oil Burner, Model A.....	16-34-SA
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Todd Rotary Burner, Models A, B and C..	454-25-SA	JJ, Junior, K, KA, KB, and R.....	918-22-SA
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Todd Spiro Burner (pump type).....	94-32-SA	820	19-25-SA
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Uni-Lec-Tric Oil Burner.....	498-29-SA	Yorktown Oil Burner, Model A.....	3-35-SA
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Universal Fuel Oil Burner.....	6-24-SA		
Vapomatic Oil Burner	275-34-SA		

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

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Water Heater Assembly.....	250-34-SA	Lynn-Range Burner, Models Junior, Lypre	
Air-O-Flame Range Burner.....	236-34-SA	and DeLuxe	238-33-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	M.W. Bake Oven Range Burner, Model 448	
Biltwell Range Oil Burner, Models B-1 and		and M.W. Core Oven Range Burner,	
B-2	196-34-SA	Model 450	367-34-SA
Blue Glow Range Oil Burners, Models Su-		M.W. Circulating and Radiant Heaters,	
preme and DeLuxe	308-34-SA	Models 501, 601, 701 and 801.....	366-34-SA
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Ellington Range Oil Burner, Square Circulat-		152 and 251 and Domestic Models 101-G	
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		Total	515

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year JUNE 18, 1935 Single Copies, 5 cents By mail, 8 cents No. 25

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, June 11, 1935, at 2 P. M.

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Standpipe-Fireline Rules.

Approved Fuel Oil Pumps.

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Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, June 17, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, June 24, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

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CODE

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H.D.....	Health Department
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D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
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B.B.....	Board of Buildings

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CALL OF CLERK'S CALENDAR

MONDAY, JUNE 17, 1935, AT 2 P. M.

Building Zone Cases.

107-35-BZ.
 APPLICANT—Scacchetti & Siegel, for estate of Julian Ismay Jones, infant, owner; May Ismay Sullivan general guardian.
 PREMISES—1301-1305 Jerome avenue and 1-9 West Clarke place, northwest corner (Block No. 2836, Lot Nos. 60 and 63), The Bronx.
 APPLICATION, under sections 7b and 21 of the building zone resolution,
 TO PERMIT upon a plot of ground located partly in an unrestricted district and partly in a business district, the erection and maintenance of a building to be used as a garage for more than five (5) motor vehicles and motor vehicle repair shop and, also, a gasoline service station.

116-35-BZ.
 APPLICANT—Andrew F. Weber, for Ann H. Draper owner
 PREMISES—103-44 Springfield boulevard, northwest corner of Hollis avenue (Block No. 2008, Lot No. 22A), Queens Village, Borough of Queens.
 APPLICATION, under section 21 of the building zone resolution,
 TO PERMIT in a residence district the alteration and change of occupancy of part of an existing dwelling so as to include a business use (undertaking establishment).

641-30-BZ.
 APPLICANT—Michael Shanley, for 2508 Broadway, Inc., owner.
 PREMISES—South side of Hillside avenue 41 ft. east of 207th street (Block No. 1508, Lot Nos. 3, 4, and 5), Queens Village, Borough of Queens.
 APPLICATION, under sections 7f and 21 of the building zone resolution (reopened April 23, 1935),
 TO PERMIT partly in a business use district and partly in a residence use district, the maintenance of a gasoline service station for a further period of two (2) years.

203-33-BZ.
 APPLICANT—Lama and Proskauer, for Borden's Farm Products Co., Inc., owner.
 PREMISES—365-379 4th avenue, east side 20 ft. north of 6th street (Block No. 987, part of Lot No. 1), Brooklyn.
 APPLICATION, under section 21 of the building zone resolution (reopened April 30, 1935).
 TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

1066-25-BZ
 APPLICANT—Roland Lievendag, owner.
 PREMISES—Northwest corner of 46th avenue (Queens avenue) and 164th street (24th street); (Block No. 5442, Lot No. 81), Flushing, Borough of Queens.
 APPLICATION, under section 21 of the building zone resolution (reopened April 30, 1935).
 TO PERMIT in a business district the alteration of a garage for more than five (5) motor vehicles (with permit for sale of gasoline), which was granted by the board, on March 30, 1926 (and extended into the residence district under Cal. No. 74-28-BZ) so as to form an alcove gasoline service station.

CALENDAR

JUNE 18, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 18, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 61-35-BZ—Application, March 8, 1935, under section 21 of the building zone resolution, of W. H. Harrington, applicant, on behalf of Joseph L. Fries Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

CAL. NO. 27-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Bertha Schrank, owner, to permit in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station; premises 3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

CAL. NO. 110-35-BZ—Application, April 25, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of 2210 Grand Concourse, Inc., owner, to permit in a residence district the erection and maintenance of a business building (stores); premises 2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), The Bronx.

CAL. NO. 431-31-BZ—Application of Anna Segall, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JUNE 18, 1935, 2 P. M.

Appeals from Administrative Orders.

348-34-A—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

90-35-A—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

18-35-A—900-910 Jamaica avenue and 5-9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.

128-35-A—701 Oriental boulevard, corner of Ocean avenue (Block No. 7517, Lot No. 2020), Manhattan Beach, Brooklyn (Manhattan Beach Baths).

129-35-A—1702 Shore boulevard, corner of Oxford street (Block No. 7517, Lot No. 1460), Manhattan Beach, Brooklyn (Oriental Beach Baths).

216-34-A—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

143-35-A—247 West 54th street (Block No. 1026, Lot No. 8), Manhattan.

144-35-A—1317-1329 Broadway, 441-459 Seventh avenue, 151 West 34th street and 148-166 West 35th street (Block No. 810, Lot Nos. 1, 12 and 50), Manhattan.

Petition for Variation.

141-35-S—728-730 Sixth avenue and 56 West 24th street (Block No. 824, Lot No. 84), Manhattan.

Appliances Submitted for Approval.

122-35-SA—Midget Pressing Machine Oil Burner, Model P.

139-35-SA—Syncro-Flame Oil Burner, Model R.

146-35-SA—Stewart Gasifier Oil Burner.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, June 18, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 485-28-BZ—Application of Henry Lichtig, on behalf of Service Garage, Inc., owner, reopened May 28, 1935, under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of a portion of an existing garage for more than five (5) motor vehicles (previously granted by the board) so as to include a gasoline service station; premises 3561-3567 White Plains road and 670 East 213th street, southwest corner (Block No. 4643, Lot No. 37), The Bronx.

CAL. NO. 74-35-BZ—Application, March 15, 1935, under section 21 of the building zone resolution, of Charles B. Meyers, applicant, on behalf of Zex Realty Corp., owner, to permit in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station; premises 2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, JUNE 24, 1935, AT 2 P. M.

Building Zone Cases.

2-35-BZ.

APPLICANT—Jacob Lubroth, for Mipan Property, Inc., owner.

PREMISES—5313-5323 Avenue D and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop.

79-35-BZ.

APPLICANT—Patrick Filomio, for Filomio Building Corp., owner.

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PREMISES—3223 Laconia avenue, west side, 81.41 feet north of Boston road (Block No. 4613, Lot No. 54), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop.

95-35-BZ.

APPLICANT—Frank V. Laspia, for Stanley Gorski, owner. PREMISES—423 Barbey street, east side, 150 feet north of Belmont avenue (Block No. 4013, Lot No. 3), Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a residence district the change of occupancy of an existing building (located on the rear of the lot) to a knitting mill.

104-35-BZ.

APPLICANT—Lama and Proskauer, for Angelino Agostino, owner.

PREMISES—5809-5813 Bay Parkway, east side, 80 feet 8 $\frac{3}{8}$ inches north of 59th street (Block No. 6547, Lot Nos. 5 and 7), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in an unrestricted district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station.

JUNE 25, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 25, 1935, at 10 o'clock*, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 510-32-BZ—Application of Arthur W. Renander, on behalf of Hermine Weber, owner, re-opened May 15, 1934, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 135-15 to 135-23 Rockaway boulevard and 120-32 to 120-38 Van Wyck boulevard, northwest corner (Block No. 2558, Lot Nos. 1 and 3), South Ozone Park, Borough of Queens.

CAL. NO. 86-35-BZ—Application, March 29, 1935, under section 21 of the building zone resolution, of Elias K. Herzog, applicant, on behalf of Frances Foster, owner, to permit in a residence district the alteration and change of occupancy of part of a multiple dwelling to business use (stores); premises 1750 Davidson avenue, southeast corner of West 176th street (Block No. 2861, Lot Nos. 67 and 69), The Bronx.

CAL. NO. 103-35-BZ—Application, April 17, 1935, under section 21 of the building zone resolution, of Michael Levine, applicant, on behalf of Angelo Dell 'Abate and Louis Piccola, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises

5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33), Brooklyn.

CAL. NO. 148-35-BZ—Application, June 7, 1935, under sections 7a and 21 of the building zone resolution, of John Harold Barry, applicant, on behalf of 170 Dyckman Street Corporation, owner, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of a garage (previously granted by the board) to a retail department store; premises 168-170 Dyckman street, west side 100 ft. north of Sherman avenue (Block No. 2175, Lot No. 70), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

JUNE 25, 1935, 2 P. M.

Appeal from Administrative Order

72-35-A—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, June 25, 1935, at 2 o'clock*, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 222-34-BZ—Application, August 2, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Meyer Werman, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board October 30, 1934; restored to active Calendar May 14, 1935); premises southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Borough of Queens.

CAL. NO. 100-34-BZ—Application of Samuels and Samuels, on behalf of Kariene Burke, owner, re-opened June 4, 1935 for consideration of an amendment to the resolution of July 3, 1934 as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 138-50 Jamaica avenue and

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89-11 138th place, south east corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

CAL. NO. 73-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of Max Hausle, applicant, on behalf of Mary Entenmann, owner, to permit in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop; premises 1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

CAL. NO. 492-29-BZ—Application of Charles Schaefer, Jr., on behalf of Theobold Bros. Corporation, owner, reopened December 11, 1934, under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores); premises 2183-2185 Grand concourse, west side, 154.94 ft. south of East 182nd street (Block No. 3162, Lot No. 30), The Bronx.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, JULY 1, 1935, AT 2 P. M.

Building Zone Cases.

362-34-BZ

APPLICANT—Abraham N. Horwitz, for 1230 Jerome Avenue Corp., owner.

PREMISES—1230-1234 Jerome avenue, east side, 165 feet 6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened April 30, 1935),

TO PERMIT in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

81-35-BZ

APPLICANT—R. T. Schaefer, for Jesse Abrams, owner.

PREMISES—2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

APPLICATION, under sections 7g and 21 of the building zone resolution.

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage

garage for more than ten (10) motor vehicles, grease pits and automobile accessory station.

120-35-BZ

APPLICANT—Maxwell A. Cantor, for Andon E. Andon, owner.

PREMISES—63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

137-35-BZ

APPLICANT—Samuel Rosenblum, for Emigrant Industrial Savings Bank, owner.

PREMISES—113-123 West 51st street and 112-118 West 52nd street (Block No. 1004, Lot Nos. 19-23 and 41-44), Manhattan.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

JULY 2, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, July 2, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 106-35-BZ—Application, April 22, 1935, under section 21 of the building zone resolution, of Fertig, Walter and Gottesman, applicants, on behalf of Michael Tuch, owner, to permit in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.); premises 153-14 90th avenue, south side, 100.08 feet east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

CAL. NO. 115-35-BZ—Application, May 3, 1935, under sections 7c and 21 of the building zone resolution, of Eugene De Rosa, applicant, on behalf of Amsterdam Apartments, Inc., owner, to permit partly in a business district and partly in a residence district, the erection and maintenance of a building to be used as a motion picture theatre, stores and offices; premises 361-363 West 23rd street, north side, 150 feet 1½ inches east of 9th avenue and between 346-348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

CAL. NO. 567-32-BZ—Application of Raymond B. Stringham, on behalf of A. C. & H. M. Hall Realty Company, owner, reopened May 14, 1935, under section 21 of the building zone resolution, to permit the amendment of a resolution, granting in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles, so as to include an additional vehicular driveway and also, the alteration and change of occupancy of part of said garage to include a gasoline service

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station; premises 3320-3338 Broadway, east side, from West 134th to West 135th streets (Block No. 1988, Lot No. 1), Manhattan.

CAL. NO. 150-35-BZ—Application, June 11, 1935, under section 21 of the building zone resolution, of Walter C. Martin, applicant, on behalf of Board of Education, city of New York, owner, to permit in a residence use and also "E" area district the erection of the street wall of a building, less than ten (10) feet from the building line; premises 4001-4023 Fillmore avenue, 1837-1883 Kimball street and 1838-1884 Coleman street (Block No. 8484, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

JULY 2, 1935, 2 P. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, July 2, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 401-31-BZ—Application of Apperson Realty Corp., owner, reopened June 11, 1935, for amendment and extension of time—re application, under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 1-19 Fifth avenue, 622-628 Atlantic avenue and 623-627 Pacific street (Block No. 1119, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY MORNING, JUNE 11, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the Board held on Tuesday morning, June 4, 1935 and the minutes of the regular meeting of the Board held on Tuesday afternoon, June 4, 1935, were approved as printed in Bulletin No. 24, Vol. XX.

BUILDING ZONE CASES.

73-35-BZ.

APPLICANT—Max Hausle, for Mary Entenmann, owner.
SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop.

PREMISES AFFECTED—1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Joseph Diefenbach, Jacob Entenmann.

For Opposition: Herbert A. Trebing.

ACTION OF BOARD—Laid over to June 25th, 1935, at 2 P. M., for applicant to file new plans.

492-29-BZ.

APPLICANT—Charles Schaefer, Jr., for Theobold Bros., Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores); (reopened December 11, 1934).

PREMISES AFFECTED—2183-2185 Grand Concourse, west side, 154.94 feet south of East 182nd street (Block No. 3162, Lot No. 30), The Bronx.

APPEARANCES—

For Applicant: Charles Schaefer Jr., Stephen Theobold.

For Opposition: None.

ACTION OF BOARD—Laid over to June 25, 1935, at 2 P. M., for report of committee on inspection. No further argument.

148-35-BZ.

APPLICANT—John Harold Barry, for 170 Dyckman Street Corporation, owner.

SUBJECT—Request for preferential hearing—re application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of a garage (previously granted by the board) to a retail department store.

PREMISES AFFECTED—168-170 Dyckman street (Block No. 2175, Lot No. 70), Manhattan.

APPEARANCES—

For Applicant: Raymond H. Hoffman, John Harold Barry, H. J. Corsette.

ACTION OF BOARD—Preferential hearing granted.

THE VOTE TO GRANT PREFERENTIAL HEARING:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(148-35-BZ)

WHEREAS, this application affecting premises 168-170 Dyckman street (Block No. 2175, Lot No. 70), Borough of Manhattan, was filed with the board, June 7, 1935; and

WHEREAS, the applicant requested a preferential hearing of his application.

Resolved, that a preferential hearing to be granted, waiving the requirements of the rules of procedure as to calendar call and that the case be set for hearing on June 25th, 1935, at 10 A. M., with the understanding that a notice to the owners in the affected area will be sent in the regular way by registered mail not later than June 13th, 1935.

150-35-BZ.

APPLICANT—Walter C. Martin, for Board of Education, city of New York, owner.

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SUBJECT—Request for preferential hearing—re application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence use and also "E" area district the erection of the street wall of a building less than 10 feet from the building line.

APPEARANCES—

For Applicant: Charles Tilgner.

PREMISES AFFECTED—4001-4023 Fillmore avenue, 1837-1883 Kimball street and 1838-1884 Coleman street (Block No. 8484, Lot No. 1), Brooklyn.

ACTION OF BOARD—Preferential hearing granted.

THE VOTE TO GRANT PREFERENTIAL HEARING:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(150-35-BZ)

WHEREAS, this application affecting premises 4001-4023 Fillmore avenue, 1837-1883 Kimball street and 1838-1884 Coleman street (Block No. 8484, Lot No. 1), Borough of Brooklyn, was filed with the board June 11, 1935; and

WHEREAS, the applicant requested a preferential hearing of his application.

Resolved, that a preferential hearing be granted, waiving the requirements of the rules of procedure as to calendar call and that the case be set for hearing on July 2nd, 1935, at 10 a. m., with the understanding that a notice to the owners in the affected area will be sent in the regular way by registered mail not later than June 18th, 1935.

257-33-BZ.

APPLICANT—Alfred H. Eccles, for Oliver Holding Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the maintenance of an open air parking space and a small office building (reopened May 22, 1934).

PREMISES AFFECTED—41-22 to 41-48 46th street, west side, 100 feet north of 43rd avenue and 41-23 to 41-47 45th street (Block No. 156, Lot Nos. 5, and 31), Woodside, Borough of Queens.

APPEARANCES—

For Applicant: Alfred H. Eccles, Fritz Horand.

For Opposition: Benjamin Heffner, S. T. Nierenberg, James J. Cotter, David Dinnerstein.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(257-33-BZ)

WHEREAS, Alfred H. Eccles, for Oliver Holding Corp., owner, filed July 24, 1933, an application under the building zone resolution to permit in a residence district the maintenance of an open air parking space and small office building; premises: 41-22 to 41-48 46th street, west side 100 feet north of 43rd avenue and 41-23 to 41-47 45th street (Block No. 156, Lots 5 and 31), Woodside, Borough of Queens; and

WHEREAS, this application was dismissed December 27, 1933, and reopened May 22, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 11, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 46th street is in residence, business and unrestricted districts; 45th street is in residence, business and unrestricted districts; 43rd avenue is in a business district and Skillman avenue is in business and unrestricted districts; and

WHEREAS, the decision of the commissioner of buildings, rendered March 12, 1935, (re application No. 867) reads:

"1. The erection of an office building and the creation of an area for the open parking of automobiles within a residence district is contrary to section 3 of the building zone resolution. Not further considered."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 234 feet on 46th street; 234 feet on 45th street and a depth of 200 feet; it is proposed to use the plot as an open air parking space and, also, to erect thereon an office 12 feet by 12 feet in area; and

WHEREAS, the board deemed that applicant had failed to substantiate the basis of his appeal under section 21 of the building zone resolution—practical difficulties and unnecessary hardship—and, therefore was not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

Adjourned, 12:25 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY AFTERNOON, JUNE 11, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum.

BUILDING ZONE CASES.

6-35-BZ.

APPLICANT—John J. Dunnigan, for Hugh Cooney, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

APPEARANCES—

For Applicant: Joseph Dusenbury.

For Opposition: Harry Baer.

ACTION OF BOARD—Laid over to June 25, 1935, at 8 P. M., for applicant to file amended plan and to notify adjoining property owner.

401-31-BZ.

APPLICANT—Apperson Realty Corp., owner.

SUBJECT—Application for reopening—extension of time—re application (decision of the superintendent of buildings under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1-19 Fifth avenue, 622-628 Atlantic avenue and 623-627 Pacific street (Block No. 1119, Lot No. 1), Brooklyn.

MINUTES

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing July 2, 1935, at 2 p. m.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

1016-27-BZ.

APPLICANT—Arthur B. Daub, for Max Daub, owner.

SUBJECT—Application for reopening—restoration to the calendar, having been previously withdrawn—re application (decision of the superintendent of buildings) under sections 7g and 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Walker boulevard and Outerbridge avenue (Block No. 5, Lot N), Richmond.

APPEARANCES—

For Applicant: Arthur B. Daub.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE:

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

915-19-BZ.

APPLICANT—Jacob Feld, for Paul Viane, owner.

SUBJECT—Application (re decision of the commissioner of buildings) to permit the connection by vehicular opening protected by fire door, of a garage for more than five (5) motor vehicles in a business use district, granted by the board under section 7e of the building zone resolution on December 18, 1919, with a garage for more than five (5) motor vehicles in in an unrestricted use district (reopened May 14, 1935.)

PREMISES AFFECTED—685-691 Lenox avenue, northwest corner of West 144th street and 104-106 West 145th street (Block No. 2013, Lot Nos. 29 and 37), Manhattan.

APPEARANCES—

For Applicant: Jacob Feld.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(915-19-BZ)

WHEREAS this application affecting premises 685-691 Lenox avenue, northwest corner 144th street and 104-106 West 145th street (Block No. 2013, Lot Nos. 29 and 37), Borough of Manhattan, was granted by the board December 19, 1919, permitting in a business use district the erection of a garage for more than five (5) motor vehicles, the resolution reading as follows:

"Resolved, that the Board of Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted; and

"Resolved, further, that any permits necessary for the prosecution of the work shall be obtained within nine months of the date of this action, and that the building shall be completed within eighteen months of the date of this action."

and

WHEREAS, the present owner requested a reopening of the case and an amendment of the resolution.

Resolved, that the resolution adopted by the board on December 19, 1919, be and it hereby is amended, by adding the following provision thereto:

"that in the event the owner of this building under appeal desires to connect this building with the adjoining building known as Nos. 104-106 West 145th street, which is used as a public garage and located in an unrestricted district, that such connection may be made provided the opening is on the ground floor only and is not greater than 8 feet in width, as indicated on plans filed, marked "Received May 25, 1935," on condition that there shall be installed on either side of the proposed opening self-closing underwriters' fire doors."

80-35-BZ.

APPLICANT—Kavy and Kavovitt, Inc., for Sophia A. Seidman and Estate of Sarah Newland, owners.

SUBJECT—Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district the erection and maintenance of a multiple dwelling conforming with "C" area requirements.

PREMISES AFFECTED—1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Brooklyn.

APPEARANCES—

For Applicant: Morris Kavy.

For Opposition: George J. Klein and C. B. Petchtle.

ACTION OF BOARD—Application granted on condition.

THE VOTE:

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(80-35-BZ)

WHEREAS, Kavy Kavovitt, Inc., for Sophia A. Seidman and estate of Sarah Newland, owners, filed March 28, 1935, an application under the building zone resolution to permit on a plot of ground located in a residence use and also partly in a "C" area and partly in an "F" area district, the erection and maintenance of a multiple dwelling conforming with "C" area requirements; premises: 1802-1810 Avenue N and 1417-1429 East 18th street, southeast corner (Block No. 6756, Lot Nos. 1 and 4), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 11, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Avenue N is in residence use and "C" and also "E" area districts; East 18th street is in residence use and "C" and "F" area districts; East 19th street is in residence use and "C" area district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 18, 1935 (re application No. 1706-35), reads:

"Portion of the proposed building to be located in an "F" area district is contrary to article 4, sub-division 16a, b, c and d of zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 feet on Avenue N and 120 feet on East 18th street. Upon the plot are located two 2½ story dwellings which are (proposed) to be removed. The northerly portion of the plot (for a distance of 100 feet south of Avenue N) is in the "C" area and residence use district and the remainder of the plot extends into the "F" area and residence use district for a distance of 20 feet. The proposed apartment house will project into the "F" area district. Under the multiple dwelling law, if the entire area were "C", the building could be erected to a height of approxi-

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mately 63½ feet with a rear yard of 10 feet in depth for 60 feet and 15 feet 8 inches in depth for the remaining 40 feet. Under the building zone resolution there would be required a 15 foot set back from East 18th street for a 10 foot length of the (southerly) street wall; the proposed building occupies approximately 500 square feet of the 2000 square feet in the "F" area district or about 25 per cent. The multiple dwelling law is less restrictive in its own requirements but states that the most restrictive requirements, which in this case is the zoning resolution, shall apply and;

WHEREAS, this application was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 80-35-BZ.

Premises—1802-1810 Avenue N, 1417-1429 East 18th street, southeast corner (Block 6756, Lot Nos. 1 and 4), Brooklyn.

This is an application under Section 21 to permit an extension into an "F" area. The plot is 100 feet on Avenue N and 120 feet on 18th street. For 100 feet back from Avenue N, the plot is zoned as a "C" area and the rear 20 feet on 18th street is in an "F" area. The plot consists of two parcels, each 50 by 120 feet, held for this size since prior to zoning. It is now proposed to erect a multiple dwelling on this plot. Under the requirements of an "F" area a front yard 15 feet in depth is required and side yards are also required on each side from front to rear based on the height of the proposed building. It would clearly be impossible to use this portion of the plot in the "F" area as a part of the multiple dwelling if this requirement had to be met. The residential area along 18th street was zoned as an "F" area in 1923, after the houses were constructed and generally they do not conform to the "F" requirements. The house on Lot No. 92, most affected, is closer to the interior lot line than would be permitted if now erected. At present there are two private garages practically on the line and the removal of these and the required rear yard of the proposed building will result in less occupied space near the lot line than at present.

After careful consideration by the committee and an inspection, it is the opinion that it would be fair to all to permit the proposed building to be constructed under the requirements of the multiple dwelling law, which requires the rear yard to be 10 feet in width, provided the face brick should be returned for the full distance from the building line to the first break, being a distance of approximately 60 feet, and an iron picket fence and privet hedge maintained for the full length of the interior lot line. It is to be noted that the side of the house toward this plot is toward the north and consequently the proposed building will not interfere with sunlight and the prevailing breeze and also that it is the service side rather than the living rooms that are located toward the proposed building. This application could be granted under section 7c in so far as it affects the area but there is no provision other than 21 that provides for excess height. In view of the fact that this plot has remained intact in its present depth since 1910 and has not been assembled and was also formerly entirely in a "C" district, the committee finds that there is an unnecessary hardship in requiring the regulations to be literally adhered to and that the conditions proposed are appropriate and do substantial justice.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the granting of the application and the board deemed that applicant had substantiated his basis of appeal, under section 21 of the build-

ing zone resolution—practical difficulties and unnecessary hardship—and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the "F" area district regulations of the building zone resolution and that the application be and it hereby is *granted*, under section 21, permitting the proposed building to extend into the "F" area district, *on condition* that the building shall otherwise comply with the requirements of the multiple dwelling law and that the rear yard shall at no point be less than 10 feet in width; that there shall be erected on the interior lot line, between the proposed plot and adjacent lot No. 40, a substantial iron picket fence and privet hedge; that the face brick shall be returned for the full height of the building along the rear yard from the building line of East 18th street to the first break, as indicated on plans filed, a distance of approximately 60 feet; and that all other requirements of the zoning resolution, multiple dwelling law and other laws applicable thereto shall be complied with.

441-31-BZ.

APPLICANT—Michael Giventer, for Isidore Popkin, owner.

SUBJECT—Application (re decision of the superintendent of buildings) under section 7f of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously laid over for a full vote of the board) restored to active calendar April 30, 1935.

PREMISES AFFECTED—7702-7704 Flatlands avenue, southeast corner of East 77th street (Block No. 8014, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Michael Giventer.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT:

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum 3

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(441-31-BZ)

WHEREAS, Herman Katz, for Isidore Popkin, owner, filed September 9, 1931, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 7702-7704 Flatlands avenue, southeast corner of East 77th street (Block No. 8014, Lot No. 1), Borough of Brooklyn; and

WHEREAS, this application was denied under section 21, January 12, 1932, reopened under 7-F, February 23, 1932, and placed on reserve calendar, March 29, 1932, and restored to active calendar, April 30, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 11, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Flatlands avenue is in a business district, East 77th street is in a business, residence and unrestricted district; and East 78th street is in a business, unrestricted and residence district; and

WHEREAS, the decision of the superintendent of buildings, rendered August 20, 1931 (application No. 7955-1931), reads:

"Proposed office as an accessory to a gasoline service station in a business use district is contrary to article 2, section 4a, of zone resolution; also there are no records in this bureau that the gasoline service station has been permitted."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 40 feet in Flatlands avenue and 90 feet on East 77th street, upon which it is proposed to erect a one-

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story office—20 feet by 20 feet in area and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made and report of which inspection was read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal. No. 441-31-BZ.

Premises—7702-7704 Flatlands avenue, southeast corner 77th street (Block No. 8014, Lot No. 1), Brooklyn.

This applicant claims that this plot is in an undeveloped area and desires a zoning variation under Section 7, sub-division F, to permit the operation of a gasoline station. At a previous hearing, an application under section 21 was denied, later reopened and heard under section 7f, but failed to receive the then required four votes and was laid over for the full vote of the board. It now requires, since the recent amendment, a vote of three out of four to grant.

The plot is 40 feet by 90 feet zoned for business use and located at the southeast corner of Flatlands avenue and 77th street which has not been cut through. To the south the area for some distance is zoned for unrestricted use and the entire area adjacent is unoccupied except that the adjoining property is used as an automobile junk yard. The area can be deemed undeveloped within the meaning of section 7, sub-division F. The committee, however, are of the opinion that this application should not be granted under this section. There appears to be no need for a gasoline station at this point and to grant this would result in it being difficult or impossible to refuse others similarly situated. The expected improvement of Flatlands avenue makes it seem expedient not to permit nonconforming uses temporarily to interfere with the future development.

The committee recommends denial.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, the board deemed that, even though the plot under appeal could be considered as in an undeveloped area within the meaning of section 7, sub-division F, the board should not exercise its discretion to grant the variation sought.

Resolved, that the decision of the commissioner (superintendent) of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

99-33-BZ.

APPLICANT—Seelig and Finkelstein, for New York Rapid Transit Corp., owner.

SUBJECT—Application reopened May 21, 1935 for consideration as to extension of time of permit—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the use and occupancy of a vacant plot of ground as an open air parking space for more than five (5) motor vehicles.

PREMISES AFFECTED—3068-3074 Ocean parkway, west side, 283 feet 7 inches north of Sea Breeze avenue (Block No. 7282, part of Lot No. 57 and part of Lot No. 60), Brooklyn.

APPEARANCES—

For Applicant: Harry Finkelstein.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(99-33-BZ)

WHEREAS this application affecting premises 3068-3074 Ocean parkway, west side, 283 feet 7 inches north of Sea Breeze avenue (Block No. 7282, part of Lot No. 57 and part of Lot No. 60), Borough of Brooklyn, to permit in a business district the use and occupancy of a vacant plot of ground as an open air parking space for more than five (5) motor vehicles, was granted by the board July 11, 1933 on certain conditions and applicant requested a reopening of the case and an amendment of the resolution; and

WHEREAS, this case was reopened by vote of the board May 31, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting June 11, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals.

Resolved, that the resolution adopted by the board on July 11, 1933, be and it hereby is *amended*, only so far as it affects the period for which the temporary variance was granted, so that as amended, this portion of the resolution will read:

"*granted* for a period terminating with the expiration date of the renewal of the lease, namely, May 31, 1938; that other than as amended herein the resolution adopted on July 11, 1933 shall be complied with in all respects and *on further condition* that no automobile repairing shall be carried on on the premises and no sign advertising automobile repairs shall be exhibited."

34-35-BZ.

APPLICANT—Jacob Sulzbach, for Ken-Isle, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit on a plot of ground, located in a business and residence use district on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dye building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.

PREMISES AFFECTED—18-05 11th avenue (Cross Island boulevard), east side, 800 feet south of Locke avenue (Block No. 4729, Lot No. 46, Block No. 4732, Lot No. 9, Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

APPEARANCES—

For Applicant: Isidore Paul and Irving Fenichel.

For Opposition: Emanuel H. Jerabek, F. Holderer.

Rev. F. Dillon, J. Gassner, H. J. Appel, H.

Dreyer, Michael Tursi and H. Stribinsky.

ACTION OF BOARD—Application granted on condition.

THE VOTE:

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(34-35-BZ)

WHEREAS, Jacob Sulzbach, for Ken-Isle, Inc., owner, filed February 8, 1935, an application under the building zone resolution to permit on a plot of ground, located in a business and residence use district, on which is located an existing dry cleaning and dyeing establishment, the erection of an extension to the dry cleaning and dyeing building, a garage for more than five (5) motor vehicles and the erection of an additional dyeing and dry cleaning building and accessory tanks, etc.; premises: 18-05 11th avenue (Cross Island boulevard), east side, 800 feet south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9, and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens; and

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WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 11, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 11th avenue (Cross Island boulevard) is in a business use district; 154th street, 17th road and 157th street are each in residence and business districts; and

WHEREAS, the decisions of Commissioner of Buildings, dated January 23, 1935, re: Applic. No. 88-35, read:

"The erection of a garage for more than five (5) motor vehicles in a residence district is contrary to the Art. 2, Sect. 3, of the Zone Law.

"It is to be noted that 11th avenue is shown on the zoning map as Cross Island boulevard. Not further considered."

Applic. No. 89-35, reads:

"The erection of a building for dry cleaning and dyeing in a residence district is contrary to Art. 2, Sect. 3, of the Zone Law.

"It is to be noted that 11th avenue is shown on the Zone Maps as Cross Island boulevard."

Applic. No. 291-35, reads:

"The extension of a building used for dry cleaning and dyeing in a business and residence district is contrary to Art. 2, Sects. 3 and 2, of the Zoning Law.

"It is to be noted that 11th avenue is shown on the Zone Maps as Cross Island boulevard.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 494 feet on 11th avenue and a maximum depth of 780 feet. Upon the front portion of the plot there is located a one-story dry cleaning and dyeing plant (operating under legally authorized permits) 438 feet by 148 feet 6 inches in area. It is proposed to erect at the northeast corner of this building a one-story extension 24 feet by 55 feet in area to be used as an extension to the existing boiler room; it is proposed to erect on part of the rear (vacant) portion of the plot a one-story building, 64 feet by 130 feet in area to be used as a tumbler and deterging room with necessary tanks, etc.; it is proposed also, to erect approximately at the center of the plot a one-story garage for the owner's trucks, 100 feet by 60 feet in area; and

WHEREAS, the application is based on section 7, subdivision A of the building zone resolution, which empowers the board to permit the extension of an existing building and existing nonconforming use; and

WHEREAS, a committee of the board has made an inspection and report of premises under appeal and its report, read at this hearing, sets forth its reasons for recommending the granting of this application with appropriate conditions and safeguards; and

WHEREAS, this report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 34-35-BZ.

Premises—18-05 11th avenue (Cross Island boulevard), east side, 800 feet south of Locke avenue (Block No. 4729, Lot No. 46; Block No. 4732, Lot No. 9 and Block Nos. 4746 and 4747, Lot No. 1), Whitestone, Borough of Queens.

The property under appeal is a large tract of 8 or 9 acres, purchased in 1913, prior to zoning, and in the same ownership or control continuously since. Under new building application No. 1900 of 1913, there was erected a one-story building along the Cross Island boulevard frontage, 438 feet in length and 148 feet in depth, for the manufacture of ribbons. Such use continued until about 1925. Since then the building has been rented for various manufacturing uses, but at all times, it appears from affidavits filed certain parts have continued to be used for dyeing which, also, involved in

connection therewith some dry cleaning. The commissioner of buildings issued, on January 4, 1935, certificate of occupancy No. 2360, to permit the existing building to be used for "Dry Cleaning and Dyeing." Under Article II, Section 4, Subdivision II, Dyeing or Dry Cleaning are grouped together as a prohibited use in a business district. This grouping under one subdivision indicates that the framers of the Zoning Resolution considered these two uses of a similar nature, one no more or no less objectionable than the other. This appeal is not for the purpose of passing upon the certificate of occupancy issued by the commissioner of buildings, but to permit an extension of the use into a residential district. In the opinion of the committee, however, the certificate of occupancy for dry cleaning and dyeing in the existing building has been justifiably issued.

This property was acquired prior to zoning and for the purpose of accommodating an industry formerly located in Manhattan. When zoned, the frontage along Cross Island boulevard was placed in a business use district, varying in depth from 100 feet to 250 feet, because of the depth of the plot through to the proposed streets to the east. It is now proposed to (1) enlarge the present boiler room by an addition, partly in the business use area and partly in the residential use area; (2) construct a new one-story isolated building (referred to as Unit "A"), to the east of the present building for deterging partly in the residential area and partly in the business area, and (3) to construct a one-story garage (referred to as Unit "B"), to house the automobiles of the company in the residential area.

The Kent Stores, Inc., the present tenants to whom the certificate of occupancy has been issued, carry on a general business of dry cleaning, pressing and shoe repairing. At present, no dry cleaning is carried on. This work is now done at 39th avenue, Flushing, and after dry cleaning, the work is brought to this building under appeal for completion. It is the desire to abandon the 39th avenue plant and combine all operations at Cross Island boulevard, where now, it was stated to the committee, 400 persons in all are to be employed.

The committee has inspected not only the premises under appeal on two occasions, but, also, the 39th avenue deterging works and observed the operations. In its opinion, the objections raised are greatly overstressed and there appears to be no valid reason for refusing an extension of use under section 7, subdivision (A), insofar as such extension of use consists of the proposed enlargement of the boiler room of the existing building and the construction of the deterging building "A", on condition that such extension shall be kept within 350 feet easterly from the building line of Cross Island boulevard, and not encroaching on the proposed 17th road; that all requirements of laws, ordinances and rules applicable, including the industrial code, insofar as it has legal application to the building, and its use and the use of combustibles, shall be complied with; that a cyclone system shall be kept in operation to collect lint refuse and that such refuse shall be entirely removed from the property under this ownership; that the sprinkler system shall be maintained in all buildings; that this variation may continue only so long as the buildings as existing and proposed, except for the proposed garage, are occupied by the present tenant and not further increased in height or area. The committee recommends denial of that part of the application relative to the proposed garage in the residential area.

While there are numerous consents, there are several objections filed. The committee can find no basis for the objections of owners west of Cross Island boulevard. To the east, where the section is undeveloped, there exist several greenhouses and nurseries, a permitted use in a residential district, although business

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uses. Their objection appears to be based on the possible harmful effects of the dry cleaning fluids. After observing the conditions at 39th avenue, where such fluids are now used with no apparent ill effect, the committee believes that there will be no harmful effects

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the board deemed in view of the report and its recommendations that the application should be granted.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 7, subdivision A of the building zone resolution, permitting the extension of an existing building and existing use thereof and an additional building into the residential area, *on condition* that such extension shall not extend beyond a line parallel to 11th avenue, known as Cross Island boulevard and 350 feet easterly therefrom; that such extensions of use shall consist of an extension of an existing boilerroom and a building described as Unit A as indicated on plans filed with this application; that the sprinkler system shall be extended to the proposed additions and shall be maintained in all buildings to the satisfaction of the administrative official; that all laws and regulations applicable to the construction and use of the building shall be complied with, including the provisions of the Industrial Code insofar as they have legal application and including the conditions imposed by this board in acting on calendar numbers 640-27A and 86-31-A; that no part of the building known as Unit A used for deterging shall be nearer than 50 feet from the southerly line of proposed 17th road; that there shall be constructed in connection with the deterging building a cyclone system to collect lint and sludge and that such refuse material shall be collected in a suitable fireproof storage bin and removed entirely from the premises under this ownership at frequent intervals; that the detergent building "A" shall be of complete fireproof construction; that the extension to boilerroom shall be of fireproof construction, separated by fireproof walls from the balance of the existing building; that this variation shall continue only so long as the existing and proposed buildings are occupied by the present tenant, Kent Stores, Inc., and so long as the buildings are not further increased in height or area; that the decision of the commissioner of buildings, rendered in acting on Appl. No. 88-35 insofar as it refers to the variance in connection with the private garage designated as "Unit B", be and it hereby is affirmed and that the application as to this item be denied; that all permits required shall be obtained within six months and all work involved completed within one year from the date of this resolution.

106-30-BZ.

APPLICANT—Mabel Hall, owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the commissioner of buildings) under section 7f of the building zone resolution, permitting in a business use district the maintenance of a gasoline service station for a temporary period.

PREMISES AFFECTED—337 Arbutus avenue, northeast corner of Hylan boulevard (Block No. 6499, Lot No. 5), Huguenot, Borough of Richmond.

APPEARANCES—

For Applicant: Theodore Hall.

ACTION OF BOARD—Application reopened and permit extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE VOTE TO EXTEND PERMIT—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(106-30-BZ)

WHEREAS, this application affecting premises 337 Arbutus avenue, northeast corner of Hylan boulevard (Block No. 6499, Lot No. 5), Huguenot, Borough of Richmond, to permit in a business use district the maintenance of a gasoline service station, was granted by the board May 12, 1931, for a temporary period of two years, time extended July 18, 1933, for an additional period of two years and owner requests a further extension.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of July 18, 1933, only so far as it applies to the duration of the permit granted, so that as amended that portion of the resolution will read as follows:

"Granted for a temporary period of two years from July 18, 1935, *on condition* that other than as amended herein, the resolution adopted by the board July 18, 1933, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS.

72-35-A.

APPELLANT—Martin F. Doyle, for Elmer Rich and Reuben J. Rich, owners.

SUBJECT—Appeal from a decision of the commissioner of buildings (previously withdrawn; reopened and restored to calendar).

PREMISES AFFECTED—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Laid over to June 15, 1935, at 2 p. m., upon written request of appellant.

216-34-A.

APPELLANT—George R. Strehan for A. R. Haeuser Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to June 18, 1935, at 2 p. m., for consideration by the board.

41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings and from a decision of the commissioner of buildings, dated January 19, 1935, approving plans.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

APPEARANCES—

For Appellant: Edward McLoughlin, Samuel Rosenblum.

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For Owner of Premises: J. Sidney Bernstein, Max Siegel.

For Administration: Samuel Becker, board of buildings.

ACTION OF BOARD—Laid over to June 18, 1935, at 2 p. m., for the filing of briefs by interested parties.

33-35-A.

APPELLANT—St. Therese Realty Corp., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—134-27 218th street (Block No. 3590, Lot No. 13).

APPEARANCES—

For Appellant: George A. Conroy.

For Administration: None.

ACTION OF BOARD—Appeal withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

810-25-A.

APPELLANT—Edward M. Wharff, for Nivogor Realty Corp., owner.

SUBJECT—Application for reopening — amendment — re Appeal from a decision of the superintendent of buildings.

PREMISES AFFECTED—427-439 Greenpoint avenue, (foot of Greenpoint avenue and Newtown Creek) (Block No. 2517, Lot No. 160), Brooklyn.

APPEARANCES—

For Appellant: Edward M. Wharff.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(810-25-A)

WHEREAS, this appeal affecting premises 429 Greenpoint avenue, foot of Newtown Creek (Block No. 2517, Lot No. 160), Borough of Brooklyn, was granted by the board December 1, 1925, on certain conditions, plans approved March 23, 1926, and the owner requests an amendment of the resolution.

Resolved, that the resolution adopted by the board December 1, 1925, and reading as follows:

"Resolved, that the decision of the superintendent of buildings be and it hereby is *modified*, and the appeal be and it hereby is *granted on condition* that the total gasoline storage permitted on these premises shall not exceed 450,000 gallons, subdivided into individual tanks, the capacity of which shall not exceed 75,000 gallons each; that each gasoline storage tank shall be provided with a reservoir constructed of reinforced concrete, with a capacity of not less than 75 per cent of the capacity of the tank enclosed; that the gasoline tanks shall be separated by reinforced concrete wall, erected to the height of the top of the tank, with return buttress at either end at a rake of 45 degrees; that the gasoline storage shall be set back from the Greenpoint avenue front at least 25 ft.; that a reinforced concrete wall to a height of top of tanks shall be erected on this line throughout the length of the gasoline storage; that

the space of 25 ft. running parallel with Greenpoint avenue shall be restricted to the occupancy of mechanical equipment—office and building structures incidental to the conduct of the plant and with such other oil storage of low flash point; that the concrete wall of street front shall be at least 10 ft. high and the wall running parallel with Greenpoint avenue on rear of premises shall be at least 10 ft. high; if enclosing tank storage, this wall shall be to the height of top of tanks; that the tanks shall be equipped with foamite fire extinguishing system for which adequate pumping machinery shall be provided; that gate valves and check valves and fire line shall be provided; that the bulkhead along the line of Newtown Creek shall be raised to a height of 2 ft. above the grade to prevent oil from running into creek; that return drawings of the proposed layout in accordance with the foregoing resolution shall be made to this board for approval before submission to the fire department for approval; and that all necessary permits shall be obtained."

As amended by resolution adopted October 9, 1934, reading as follows:

"Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board December 1, 1925, and plans approved on March 23, 1926, so as to permit the construction as indicated on revised diagrams marked 'Received October 1, 1934,' of a storage building at the easterly end of the property at Newtown creek *on condition* that this storage building shall not exceed one story in height and shall be completely fireproofed in all respects and shall be used for the storage only of such materials as are not inflammable; that this building shall be protected with such accessory fire-fighting appliances as the fire chief and commissioner shall direct; that the filling equipment indicated on approved plans along Greenpoint avenue may be omitted and in their place erected an approved type steel truck-loading rack; that the entire plant shall be equipped with a fire extinguishing system that shall fulfill in all respects requirements as will be determined for this installation by the fire chief and commissioner; that other than as amended herein the resolution adopted by the board on December 1, 1925, and the resolution approving plans on March 23, 1926, shall be complied with in all respects."

be further amended to read:

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of October 9, 1934, by adding thereto the following paragraph:

"that in the event that the owner desires to construct the office building of a larger area than is indicated on plans approved March 23, 1926, and as shown on revised diagram marked 'Received October 1, 1934,' such building may be constructed of the size indicated on revised plans marked 'Received May 31, 1935,' showing a building with a frontage of 63 feet on Greenpoint avenue and tapering to 31 feet toward the rear, *on condition* that the fuel oil tanks shall not be increased in size; that other than as amended herein the resolution adopted by the board on October 9, 1934, shall be complied with in all respects."

PETITION FOR VARIATION

286-34-S.

APPLICANT—Jacob F. Gottesman, for Frank Gottesman, owner.

SUBJECT—Application for reopening—amendment—re Variation of the labor law as cited in an order of the commissioner of buildings.

PREMISES AFFECTED—12 Gratton street (Block No. 3102, Lot No. 11), Brooklyn.

APPEARANCES—

For Applicant: Jacob F. Gottesman.

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ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(286-34-S)

WHEREAS, this application affecting premises No. 12 Gratton street (Block No. 3102, Lot No. 11), Borough of Brooklyn, was granted by the board January 15, 1935, on certain conditions amended April 30, 1935, and applicant requested a further amendment of the resolution.

Resolved, that the resolution adopted by the board on January 15, 1935, be and it hereby is amended, to read as follows:

"Resolved, that the Board of Standards and Appeals does hereby make a variation in the requirements of the Labor Law, and that the petition be and it hereby is granted, as to Order No. 10806-LD, permitting the building to be used for factory purposes, on condition that the existing primary means of exit from the second floor consisting of a 3 ft. 8 in. wooden stairway leading to Gratton street shall be enclosed in fire-retarded partitions including soffits and platform; that the window within this stair enclosure shall be bricked up or made fireproof and stationary and glazed with wire glass; that there shall be constructed a fireproof door in the present window opening toward the rear of the building, together with necessary steps, so as to provide a means of exit to the roof of the adjoining one-story building to the east, as shown on plan marked 'Received April 22, 1935'; that a window in the west wall near Gratton street shall be changed to a fireproof door to permit access to the roof of the adjoining building to the west; that flues and other openings leading up from the cellar, other than the boiler flue in use, shall be adequately blocked up and fire-stopped; that the required air opening in the fire-retarded enclosure around the oil burner shall be provided with a metal duct to carry the air from the rear of the building and that the existing opening in the building wall to the space between this building and the adjoining frame building shall be bricked up; that all combustible refuse shall be removed from the cellar and first floor; that the connecting door between the first floor and the adjoining building to the east shall be kept closed and fastened; that the occupancy of the second floor shall be for light manufacturing only, similar to the existing needle work occupancy; that other than as modified herein, the Labor Law shall be complied with in all respects and that this modification shall apply only so long as the conditions remain substantially unchanged; that other than as amended herein, the resolution adopted by the board on January 15, 1935, shall be complied with in all respects."

APPLIANCES SUBMITTED FOR APPROVAL.

133-35-SA.

APPLICANT—The Monarch Engineering & Mfg. Co., owner.

SUBJECT—Monarch Industrial Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of board and bureau of combustibles, fire department for test and report.

134-35-SA.

APPLICANT—Irving T. Hecht, for Anchor Post Fence Co., owner.

SUBJECT—Fluid Heat (Gun Type) Oil Burner, Model P, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of board and bureau of combustibles, fire department for test and report.

135-35-SA.

APPLICANT—Allen A. Sugarmann, for Loyalty Oil Burner Corporation, owner.

SUBJECT—Loyalty Conversion Hot Water Heater, approval of.

APPEARANCES—

For Applicant—Carol F. Baron.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of board and bureau of combustibles, fire department for test and report.

99-35-SA.

APPLICANT—Jack W. Hirsch, for Kleen-Heet, Incorporated, owner.

SUBJECT—Kleen Heet Oil Burner, Type 902, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(99-35-SA)

WHEREAS, Jack W. Hirsch, for Kleen Heet, Inc., owner, filed April 16, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Kleen Heet Oil Burner, Type 902; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was installed in a steam boiler used for heating purposes. This burner is a mechanical draft pressure atomizing gun type and consists of the following parts:

Centur 1/16 H.P. Motor; Viking pump; Detroit lubricator, regulating and cut off valve; Kleen Heet strainer; Sirocco type fan and a Kleenheet nozzle.

Ignition: Electric. Jefferson transformer 110 to 10,000 volts.

Controls: Minneapolis Honeywell Protectorelay 117-3 and Minneapolis Honeywell Presuretrol 404-2.

With the oil supply shut off, the burner was operated and on two successive tests the controls shut the burner down in 90 and 93 seconds. The burner was then put in normal operation for about one-half hour, and the controls tested under actual working conditions, with no explosions due to ignition failure during test and flame continuous and free from smoke and soot. Examination of the combustion chamber showed no abnormal carbon deposits.

As a result of the above inspection and test it is recommended that the Kleen Heet Oil Burner, Type

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902, be approved for domestic use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as Kleen Heet Oil Burner, Type 902, for domestic, installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No

3 on condition that there shall be permanently attached to each burner installed a label reading:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 99-35-SA.

Adjourned, 5:30 p. m.

EDWARD V. BARTON, *Chief Clerk.*

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Water Heater Assembly.....	250-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Air-O-Flame Range Burner.....	236-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	National Range Oil Burner.....	361-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	Putnam Range Oil Burner	54-35-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Quaker Burnoil Stove	11-31-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27 and CH-28	62-33-SA	Quick Meal Range Burner.....	304-34-SA
Florence Range Burners.....	219-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kolrid Range Burner.....	48-34-SA	Superfex Oil Burning Heater	491-31-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Tower Range Oil Burner	126-33-SA
		Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

RULES

"STANDPIPE"- "FIRELINE" RULES ADOPTED JUNE 27, 1922; AMENDED MAY 18, 1928; JUNE 13, 1930; DECEMBER 2, 1930, and JANUARY 9, 1931.

[281-22-SR]

NOTE—In republishing these Rules, no corrections have been made as to departmental jurisdiction, as such may be affected by the McCall Bill known as Chapter 764 of the Laws of 1933.

Rule 1. PLANS. A preliminary set of paper plans and cross sections, drawn clearly and distinctly, to a scale of $\frac{1}{4}$ -inch or, by permission of the Fire Commissioner, $\frac{1}{8}$ -inch to the foot, for each proposed standpipe (fire line) installation or alteration, shall be submitted to and approved by the Fire Commissioner before the work in connection with the installation is started. Such preliminary plans shall show the size and location of the standpipe (fire line) risers, size and location of siamese and cross-connections, valves, tanks and connections, pumps, hose stations, lengths of hose, etc., and the location of stairways and enclosing partitions in relation to the standpipe risers and hose stations. From these approved preliminary plans, three sets of plans on cloth, in clean and clear detail, shall be filed for final approval by the Fire Commissioner. A certified copy of approved plans shall be forwarded to the Bureau of Buildings by the Bureau of Fire Prevention. Such application and specification forms as may be prescribed by the Fire Commissioner shall accompany preliminary plans. If an automatic sprinkler system is provided throughout the building or in any portion of the building, the plans shall include a note to that effect.

Rule 2. APPROVAL. Before acceptance all standpipe (fire lines) shall be tested, for at least one hour, under a hydrostatic pressure of not less than 300 pounds per square inch at the street siamese, and at each pump supply level, or such additional pressures as may be required to give 100 pounds at the highest hose outlet supplied by such pump, except that when a change is made in a source of supply, or minor changes are made in an existing equipment previously approved, the system shall be tested to a pressure sufficient to give 50 lbs. per sq. in. at the highest story hose outlet. These tests to be made in the presence of a representative of the Fire Prevention Bureau.

No valves, risers, or other material portions of any standpipe (fire lines) equipment shall be covered or permanently concealed until tested and approved, in writing, by the Bureau of Fire Prevention.

When entirely completed in accordance with the approved plans, and as per test herein provided for, application shall be made to the Bureau of Fire Prevention for inspection of the completed installation. When the standpipe equipment is approved, the applicant will be so advised, in writing, by the Bureau of Fire Prevention.

When deemed necessary by the Fire Commissioner, sectional diagrams of the standpipe (fire line) equipment in buildings of large area or height, not more than three in number and printed on cloth in size not less than $8\frac{1}{2}$ x 11 in., shall be filed by the applicant for the use of fire companies in the district in which the premises are located.

Rule 3. STANDPIPE-FIRE LINE CERTIFICATE.

There shall be an engineer, superintendent or other person in charge of the standpipe-fire line system in all buildings exceeding eighty-five feet in height who shall be registered, and submit to an examination in the Fire Department. Upon evidence of fitness to properly operate and maintain the standpipe system he shall be granted a Certificate to that effect. The certificate shall contain the full name and a small photograph of the holder.

Day and night service shall be maintained in all buildings exceeding 250 feet in height in which there is a fire pump.

Theatre buildings provided with fire pumps shall have at least one certified operator on duty during every performance. Buildings of large areas, industrial plants, amuse-

ment parks, etc., shall have at least one certified operator on duty when deemed necessary by the fire commissioner.

Rule 4. MONTHLY INSPECTION. All valves, hose, tools and other auxiliary fire appliances shall be kept in perfect working order, and at least once a month the person holding certificate of fitness shall make a thorough inspection of all the fire appliances to see that they are in perfect working order and ready for immediate use by the Fire Department. Fire pumps shall be tested every 30 days by the person holding the certificate of fitness.

He shall also instruct all employees under his charge in the use and practice of all auxiliary fire appliances. A detailed record of each inspection shall be kept on the premises for examination by a representative of the Fire Department.

All standpipe equipment in buildings exceeding 85 feet in height shall be subjected, on order of the Fire Department but at least once every two years, to a pressure test of fifty pounds in excess of the pressure due to the water in the standpipe. This test to be applied to the standpipe and fittings in such manner as to prove their suitability for the use of the Fire Department; there shall also be such flow tests as to prove the standpipe, line valves, check valves and siamese connections are free from obstruction and are workable. These tests to be conducted by a representative of the owner of the premises, at the owner's risk, who shall notify the Fire Department at least forty-eight hours prior to the time of conducting the test.

Rule 5. APPROVED DEVICES. All devices approved for use in new standpipe fire line equipments shall bear the manufacturer's name and the date of and the number of the approval. Certified copies of the approval, working drawings and photographs of the device approved, shall be submitted to the administrative authority having jurisdiction for preservation as records and reference data.

Rule 6. ELEVATOR IN READINESS. In every building exceeding 150 feet in height at least one passenger elevator and in buildings in course of construction a hoist or elevator shall be kept in readiness for immediate use by the Fire Department during all hours of the night and day, including holidays and Sundays, and a man competent to operate the elevator shall be present at all times.

Rule 7. AREA OF BUILDINGS. For the application of Section 581 of Chapter 5 of the Code of Ordinances the area of a building shall be taken as the area within the exterior walls, or the area between fire walls.

When the fire walls are constructed in accordance with Section 371, Chapter 5 of the Code of Ordinances, and all openings are protected on both sides of fire wall or walls with automatic fireproof self-closing doors, the area within such fire walls or exterior walls and a fire wall, shall be considered a separate building.

Rule 8. HEIGHT. The term "height" as applied to a building or structure, as described in Chapter 5, Code of Ordinances, means the vertical distance measured in a straight line from the curb level, to the highest point of the roof beams in the case of flat roofs, and to the average height of gable in case of roofs having a pitch of more than 20 degrees with a horizontal plane.

Rule 9. STANDPIPE EQUIPMENT shall consist of a system of piping connected to one or more approved sources of water supply and provided with sufficient number of hose outlets and hose located as hereinafter set forth, to make possible the covering of every portion of each floor area with a standpipe hose stream, except that where the 1st story or basement or both are occupied as stores without connection or communication with the entrance hall or stair enclosure to upper stories, the Fire

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Commissioner may permit the omission of standpipe protection in such stores and, if so omitted, may prescribe such portable protection as he may deem necessary. Cellars, sub-cellars, basements, etc., shall be protected in the same manner as the stories above.

Every standpipe (fire line) equipment shall be a Standard Wet System, except as hereinafter provided for:

(a) In any building not exceeding 40 feet in height, and 20,000 sq. ft. in area, a four-inch street supply system having one four (4) inch direct connection to a street main fed two ways or having one 4-in. direct connection to each of the two street mains on two street fronts, each main so fed that the shutting off of one main will not interfere with the supply of the other main, may be installed, provided there is a sufficient pressure in the street main or mains to maintain a minimum of twenty-five (25) pounds per square inch static pressure at the highest hose outlet.

Evidence establishing the fact that water main conditions and pressures are as required shall be submitted to the Fire Department.

Rule 10. CLASSIFICATION OF STANDPIPE-FIRE LINE EQUIPMENTS. For the purpose of these rules standpipe equipments shall be classified as:

(a) Standard Wet System in which the pipes are of sizes as specified in Section 581 of the Building Code, and in which the system is at all times filled with water from at least one standard source of supply.

(b) Four-inch street connection system, in which the pipes are of sizes as specified in Section 581 of the Building Code and the system is at all times filled with water from one or more 4-in. diameter direct connections to public water mains in the street.

(c) Automatic dry systems, in which the pipes are of sizes as specified in Section 581 of the Building Code, and are normally dry, the system being connected to a source of water supply controlled by an automatic dry pipe valve as defined elsewhere in these rules.

Rule 11. TANKS ABOVE ROOF. Construction shall be as per Section 428 of the Building Code and tank structure and supports shall be approved by the Superintendent of Buildings. The covers of all unenclosed standpipe tanks shall be conical in shape and protected with a type of roofing approved by the Superintendent of Buildings.

Rule 12. RESERVE FOR STANDPIPE. Gravity roof tanks, except as otherwise required by Rule 83, shall contain not less than 3,500 gallons of water at all times, reserved solely for standpipe fire line purposes.

When a gravity tank is to be used for both standpipe and house supply, the connection for the latter shall be made through the side of the tank above the level of the required standpipe reserve. This type of house and standpipe supply tank is preferred and recommended.

When two gravity tanks are used, one for standpipe fire line service and the other for the house supply, the house supply tank may be so arranged that it can only be filled by an overflow from the tank used for standpipe fire line purposes.

Rule 13. STANDPIPE AND SPRINKLER SUPPLIES. Standpipe and sprinkler supply shall not be taken from one tank unless there is available 5,000 gallons of water for the standpipe system which shall be in excess of the amount of water required for the sprinkler system. Standpipe supply shall be taken from the uppermost portion, and through the side of the tank, or through the bottom, provided that portion of the pipe within the tank is of brass or other non-corroding material.

Rule 14. BUILDINGS IN GROUP UNDER THE SAME OWNERSHIP AND OPERATION:

One gravity tank of at least 5,000 gallons water capacity to supply the largest unit of a group of separate and distinct buildings operating under one ownership, and located at such elevation that the bottom of the tank will be at least 20 feet above the roof of the highest building of the group will be

accepted as an adequate tank supply for the entire standpipe equipment provided a dead riser is carried down from the bottom of the tank to an underground header system having a Post Indicator control valve for each building unit, the P. I. valves to be located as the Fire Commissioner may direct.

Rule 15. UNDERGROUND PIPING. All underground piping shall be extra heavy cast iron installed in accordance with the standard specifications of the American Water Works Association: for 4-inch lines Class C requirements shall be used, 6-inch Class D, 8-inch Class E.

Rule 16. ADDITIONAL TANKS. When in his opinion, the area covered is excessive or the occupancy is such that an unusual fire hazard is introduced, the Fire Commissioner may require additional protection in the nature of additional tank or tanks located remote from any other standpipe tank, or additional water supply in the main gravity tank, or a fire pump and suction tank of size and capacity to be determined by the Fire Commissioner or the Board of Standards and Appeals, or a combination of any of the foregoing supplies.

Rule 17. STANDARD SOURCE OF SUPPLY. Gravity tank located so that the bottom of same will be not less than 20 feet above the roof level and of a capacity as stated elsewhere in these rules and directly connected with the standpipe equipment by pipes of the same diameter as that of the largest riser.

Rule 18. TANK FEED. Tanks shall not be fed through the standpipe fire line, but shall be fed through a separate line at least 2 inches in diameter, discharging into the top of each tank above the overflow level through the side or through the bottom, that portion of the pipe within the tank to be of brass or bronze. An electric or steam pump of sufficient capacity to deliver at least 65 gallons of water per minute at the tank shall be provided, or if the pressure in the service line is sufficient and the plumbing is such that a minimum of 65 gallons of water per minute may be delivered to the tank, connection to the house water service main in the basement, cellar or lowest story may be used instead of pump.

The sprinkler and standpipe tanks may be fed from a common source of supply, either a pump or a direct service main connection, when a ball (float) valve is provided for each tank. Floats shall be of copper.

Rule 19. OVERFLOW. An overflow of diameter at least as large as that of the fill line shall be provided for each roof standpipe tank. The overflow line from all intermediate tanks shall be at least 6 inches in diameter. It may be run through the bottom of the tank, provided it is of brass or bronze and has no joint inside of the tank, otherwise it must be brought through the side of the tank, 3 inches below the top (of sides). Overflows shall terminate in a 90 degree elbow not more than 24 inches above the roof.

Rule 20. EMERGENCY DRAIN. There shall be provided for each tank an emergency drain not less than 4 inches in diameter connected directly to the bottom of the tank or to the standpipe supply line above the tank check and terminating not less than 30 inches nor more than 4 feet above the roof in a horizontal run. Emergency drain shall be provided with a 4-inch O. S. & Y. gate valve located in a readily accessible position not more than 4 feet above the roof.

Rule 21. ELEVATION OF TANK. The bottom of each gravity tank used for standpipe fire line supply shall be at least 20 feet above the level of the roof. When the area of a pent house exceeds 50% of the roof area or when it exceeds an area of 2,500 sq. ft., the bottom of the tank shall be required to be not less than 20 ft. above the level of the pent house roof. In existing standpipe equipment the bottom of the gravity standpipe tank shall not be required to be more than 20 feet above the outlet in the highest story.

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Rule 22. PYRAMID OR TOWER ROOFS. Where the roof of the building is designed so as to finish in a pyramid or tower form, the gravity tank shall be elevated as high as practicable within the pyramid or tower. Provided, however, that in all cases, the gravity tank is not less than twenty (20) feet above the hose outlet in any room or space occupied other than for tank houses, elevator machinery or machine shop for repairing elevator machinery. Fire appliances, as may be required by the Fire Commissioner, shall be provided in such tank houses, elevator machine rooms, etc.

Rule 23. ACCESS TO TANK. Access to the top of each standpipe tank shall be provided by means of an iron gooseneck ladder of substantial construction and rigidly braced. Access to the tanks on theatre building shall be from the stage level to the roof by means of double-rung ladders set at an angle of not more than 70°, with intermediate landings every 12 ft. or less.

Rule 24. HIGH AND LOW WATER ALARM. Every gravity tank hereafter installed for standpipe fire line purposes shall be equipped with an electric closed circuit high and low alarm as provided under Rule 88, in order that it may be determined at any time whether or not the required standpipe reserve is in the tank, except when the house supply is taken from the tank, or where the house supply tank can only be filled from an overflow of the standpipe fire line reserve tank, a high and low alarm need not be provided when an automatic tank filling pump is installed.

Rule 25. CHECK VALVE. There shall be provided in a horizontal run of pipe in the top story stair enclosure or in a heated enclosure on the main roof, in the line connecting the standpipe tank with the standpipe riser, an approved type swing check valve opening downstream toward riser, except that where a siamese connection has been omitted, under these rules, no check valve shall be required. An O. S. & Y. gate valve shall be provided on each side of the check valve and shall be sealed open in an approved manner.

Rule 26. HEATING OF TANKS. All tanks used for standpipe supply purposes shall be heated by means of steam supplied through a brass coil with brass fittings and of a type and radiating surface as prescribed by the Board of Standards and Appeals. The heater shall be fed through a 1¼-inch steam line with a 1-inch return, separately trapped. The water in the tank shall be maintained at a temperature above 40° F.

Tanks in hotels, hospitals, institutes or similar buildings using the tank supply seven days a week supplying both standpipe and house service lines shall not require heating. If in an adequately heated enclosure, interior heating of tanks shall not be required.

Rule 27. LOWEST SUCTION TANKS. Tanks shall have at least 10,000 gallon effective water capacity as specified in Schedule A, reserved for the lowest fire pump use exclusively and shall be constructed of steel or reinforced concrete, located below the grade, or lowest story, if there is no cellar under the building. The Fire Commissioner may permit suction tanks to be located in a separate enclosure, or building provided they are accessible and when, in his judgment, such location will be more practicable. House supply tanks may be connected to the fire pump suction line, provided an O. S. & Y. gate valve, sealed closed, shall be provided on such house supply lines.

Rule 28. LOWEST TANK SUPPLY. The lowest suction tanks shall be fed by a connection at least 4 inches in diameter taken directly and independently from the public street main. The supply shall be not less than 750 gallons a minute, and shall enter the suction tank above the top or through the side near the top of the tank and shall be controlled by suitable bronze ball cock and copper float.

Rule 29. SUPPORT FOR TANKS. Tanks of more than 500 gallons capacity hereafter placed in or on any building shall be supported on masonry, reinforced con-

crete or steel construction of sufficient strength and carried to a proper foundation as provided for in section 428, Chapter 5 of the Code of Ordinances.

Rule 30. INTERMEDIATE TANKS. The location of intermediate tanks hereafter installed shall be determined and directed by the Fire Commissioner and as prescribed in Schedule A. Each such tank shall have at least 5,000 gallons of water reserved exclusively for fire line and pump purposes. The bottom of each tank shall be at least 20 feet above the highest outlet supplied therefrom. The method of water supply to tanks, the overflow, the high and low water alarm, the emergency drain, etc., shall be as prescribed for tanks above the roof except that the overflow and emergency drain shall be connected to the drainage system of the building or discharge on intermediate levels.

The connection of the tank to the system shall be as hereinafter set forth:

Piping of the same diameter as the riser shall connect the tank with the riser of the portion of equipment supplied from that tank and in this connecting line in a horizontal run there shall be placed an approved swing check valve opening downward, and two O. S. & Y. gate valves, one at each side of the check valve. Each tank section shall be directly connected to the tank section above by means of piping of the same diameter as that of the largest riser and in a horizontal connecting line shall be provided an approved swing check valve opening upward, with an O. S. & Y. gate valve, at each side of the check valve, in order that water pumped into the siamese connection may enter the entire equipment of the building, and that each tank will supply only its portion of the system.

Rule 31. VALVES. All valves controlling standpipe water supply except valves at hose outlets shall be iron body brass mounted, or cast steel designed in accordance with specifications of the American Society of Mechanical Engineers, gate valves shall be of Outside Stem & Yoke type, and shall be located in an accessible position. All such emergency control valves 6 inch and larger shall be of the by-pass type, except that emergency control valves when required in standpipe (fire) line systems may be of approved hydraulically controlled type.

* Rule 32. PIPING, FITTINGS AND VALVES. Materials of Construction. All new piping for standpipe fire lines shall be of genuine full weight wrought iron or steel and properly tested by the manufacturer to withstand the required water working pressures. All pipes shall be lap-welded. Where working pressures are in excess of 150 lbs. to the square inch extra heavy cast iron body or cast steel valves, malleable iron or cast steel fittings constructed in accordance with the specifications of the American Society of Mechanical Engineers, able to withstand the required water working pressure shall be provided. The standard weight fittings and valves may be used where the pressure is not more than 150 lbs. per sq. in. Fittings in horizontal runs shall have long turns. All underground piping shall be of extra heavy cast iron as required by Rule 15.

The water working pressure on piping, valves and fittings shall be determined by the total head of water plus 50 pounds at the top floor hose outlet plus a factor of safety of at least 50 per cent. Specifications as to the construction and water working pressure of all piping, valves and fittings shall be marked on plans filed with fire commissioner.

Rule 33. CONSTRUCTION. Each standpipe fire line riser shall be supported at the bottom and at every other (alternate) story, and shall be properly braced. Horizontal lines shall be supported by standard heavy wrought or malleable iron hangers attached to or extending around and over floor beams at intervals of not more than 8 ft., and at more frequent intervals if deemed necessary by the Fire Commissioner and shall be securely braced to withstand vibration. Hangers may be supported by straps or bars extending over and around bars of at least 1 in. in diameter and

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12 in. in length embedded in concrete floors parallel to and at least 2 in. from the undersurface or by approved malleable iron concrete inserts. The arrangement of lines must be straight and as direct as practicable. Offsets will be permitted only when unavoidable or where necessary to install horizontal check valves. Except where flange fittings and pipes are permitted elsewhere in this rule, all joints shall be screwed joints made up thoroughly water tight with red lead, litharge and glycerine, or compressed graphite lead and boiled linseed oil, or any joint compound that shall be approved by the Board of Standards and Appeals.

In horizontal runs of piping of standpipe fire line systems, if larger than 4 in. in diameter, fittings and valves may be of the flange type, provided flange faces are machined true and smooth and do not show rings, sand holes or other imperfections. All joints shall be provided with proper copper gaskets.

All standpipe (fire line) equipments shall be installed in a workmanlike manner.

Rule 34. PROTECTION OF FIRE LINES. Standpipe lines when not located within a fire protected stair enclosure shall be protected against interior fire damage by means of at least one inch asbestos covering, or a covering of expanded metal lath and three-quarters inch Portland cement plaster or by a 2 in. terra cotta block encasement.

Rule 35. FROST PROTECTION. Standpipe lines shall be properly protected from freezing in the following manner:

One wrapping of tar paper equivalent to Asphalt Saturated Wool Felt paper weighing 12 lbs. per 100 sq. ft.

Three (3) layers of standard 1 in. high grade "long cows' hair" felt interposed and covered with one (1) layer of builders' paper equivalent to red rosin sized sheathing paper weighing 40 lbs. per 500 sq. ft.

One (1) covering of 8 oz. canvas, painted with two (2) coats of waterproof paint.

All wrappings to be independently applied and securely fastened in place with heavy jute twine. Circumferential and longitudinal joints to have at least a 2 in. lap staggered with adjacent layers and opposing leakage to the hair felt.

In groups of pipes each water pipe is to be wrapped separately with the tar paper, but subsequent layers of felt and paper may be applied collectively if space does not permit of individual wrapping.

Where a heating pipe is one of the group, the wrapping should be applied so that the hot line would serve all pipes in the enclosure. The initial wrapping of tar paper around each water pipe should be applied with laps down and the whole group wrapped with tar paper with laps up. If due to the position of the hot line sufficient air space would not insulate the hair felt, then protection to be effected by suitable separators, or a wrapping of asbestos paper instead of the tar paper around the group.

On vertical pipes particular provision to be made to prevent slipping and tearing of insulation due to its weight.

To prevent slipping away of insulation at point of entrance of pipes into a tank, and to shed leakage from slip joints, a 16 oz. duck to be provided, doubled and securely fastened to bottom of the tank overlapping inside and outside the insulation of the group for a distance of 18 in. below the tank. This duck to be well coated with paint. Loose hair felt to be packed about connection at tank bottom to safeguard against settling.

Rule 36. NUMBER OF RISERS. Each building fronting on more than one street shall have at least one riser for each street front. For the application of this rule a corner building shall not be considered as facing on more than one street when it is on but one corner. In all cases regardless of area or location there shall be a sufficient number of risers, so that any portion of each floor area may be covered by the stream from a standpipe hose not exceeding 100 ft. in length.

Rule 37. FIRE TOWER RISER. Each standpipe riser shall be located within a stair enclosure and one riser must be located in main stairway or fire tower.

Where impracticable to locate a riser within the stair enclosure, the Fire Commissioner may permit it to be located immediately adjacent to a stair enclosure, public corridor or other suitable place.

Rule 38. HOSE STREAM ALLOWANCE. Not more than 10 feet will be allowed for the throw of hose stream, except where the static pressure at the hose outlet is 15 lbs. or more, when 20 ft. will be allowed.

Rule 39. SIZE OF CROSS-CONNECTION. Where there are two or more risers in a standpipe (fire line) equipment, all risers shall be cross-connected by piping of a diameter at least equal to the diameter of the largest riser, but in no case shall the cross-connection be less than five inches.

Rule 40. FIRE PUMPS. Where Required:

(a) In every building hereafter erected exceeding 250 ft. in height, as described in Schedule A, an electric centrifugal fire pump shall be kept in readiness for immediate use of the Fire Department during all hours of the night and day, including Sundays and holidays.

Rule 41. ARRANGEMENT AND SUPPLY OF FIRE PUMPS. Fire pumps shall be connected to the standpipe systems and have a capacity of 750 gallons of water per minute at a pressure of from 50 to 80 lbs. at uppermost hose outlet, fed from such pumps. Fire pumps shall draw from steel or reinforced concrete suction tanks. For the purpose of testing fire pumps a 4 in. diameter branch shall be taken from the discharge line at the pump side of the check valve and run to the suction tank over the side or through the side above the overflow level. From this branch there shall be taken a 4 in. line with an approved type pressure relief valve, extending to the tank in a manner similar to that of the 4 in. test line. In the 4 in. test line between the 4 in. relief branch and the tank there shall be placed an O. S. & Y. gate valve, which shall be kept closed except during a test of the fire pump. In the line from the fire pump to the standpipe risers and beyond the test branch there shall be placed an approved type check valve in a horizontal position and also an O. S. & Y. gate valve, the latter to be open except when the fire pump is undergoing test. A pressure gauge shall be provided and connected to the discharge line of the pump.

The piping connecting discharge from fire pumps shall be of same diameter as the main riser.

Rule 42. NUMBER AND LOCATION OF FIRE PUMPS.

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Height from Uppermost Hose Outlet to grade*	Total No. of Pumps Required	Approximate Location of Pumps			
		1st Pump	2nd Pump	3rd Pump	4th Pump
			Above level of First Pump	Above level of First Pump	Above level of First Pump
250' to 400'	1	Below grade level			
401' to 500'	2	Below grade level	200' to 250'		
501' to 600'	2	Below grade level	250' to 300'		
601' to 700'	3	Below grade level	200' to 250'	400' to 500'	
701' to 800'	3	Below grade level	250' to 300'	500' to 600'	
801' to 900'	4	Below grade level	200' to 250'	400' to 500'	600' to 750'
901' to 1000'	4	Below grade level	250'	500'	750'

* The uppermost hose outlet shall not include pent house outlet.

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Rule 43. FIRE PUMPS IN BUILDINGS EXCEEDING 1,000 FEET. All buildings exceeding 1,000 feet from grade level to uppermost hose outlet shall be provided with a fire pump for every 250 feet of elevation above the centre line of the lowest pump.

Rule 44. TANK CAPACITIES. Suction tanks supplying the first or lowest pump shall contain not less than 10,000 gallons reserved for fire pump. Intermediate tanks and uppermost supply tanks for buildings between 250 and 400 ft. as described in above schedule shall contain not less than 5,000 gallons reserved for fire pump. Uppermost supply tanks on all other buildings shall contain not less than 3,500 gallons reserve for standpipe fire line. Suction tanks shall be of the open type.

Rule 45. TANK STRAINERS. All supply tanks shall be provided with bronze strainers at pump and riser intake lines.

Rule 46. CENTRIFUGAL FIRE PUMPS. Fire pumps installed under these rules shall have a capacity of 750 G. P. M. and shall be of the multi-stage motor driven Centrifugal type designed, constructed and installed to render the highest possible efficient and reliable fire service.

The pump shall be located in a room of fireproof construction, properly ventilated, lighted and drained, enclosed in eight (8) inch brick or concrete walls with approved fire doors at openings and with fireproof floor and ceiling construction. If located in the lowest story of the building, the pump shall be placed on a foundation not less than one (1) foot in height. The pump room shall be readily accessible with safe egress for the attendant.

The pumping equipment shall be adaptable for heavy duty service having all parts of ample strength with liberal water passage and all working parts exposed to corrosion of phosphor bronze.

The pumps shall be fitted with fire fittings consisting of capacity name plate, pressure gauges, relief valves, hose manifold and three (3) approved $2\frac{1}{2}$ in. hose valves with Standard Fire Department male threads. Fire pumps shall take suction supply under a head of water and in no case shall there be less than six (6) feet between water level in tank and centre line of pump.

The pump specifications shall be within the uniform requirements of "The National Standard" as adopted by the following associations:

Associated Factory Mutual Companies,
National Board of Fire Underwriters,
or as approved by the Board of Standards and Appeals.

Fire pumps to be designed to operate at not less than five (5) pre-determined speeds to give five (5) pre-determined pressures which will insure a maximum pressure of 80 lbs. and a minimum pressure of 50 lbs. throughout the building.

Fire pump equipment shall be so designed that it will operate normally at least five (5) speeds to provide a minimum of 50 lbs. pressure, and where more than one pump is required it shall be capable of pumping to the level of the next highest pump station in case of breakdown of intermediate pumping unit.

To provide for this standby service the fire pump shall run at nine (9) pre-determined speeds, namely, five (5) for continuous service and four (4) for standby service.

Rule 47. GENERAL SPECIFICATIONS. Pumping equipment shall be free from defects in design, workmanship and material and shall give proper and continuous operation under the conditions of service specified and shall be subject to approval of the Board of Standards and Appeals.

Materials entering into construction of this equipment shall be the best quality of their respective kinds and all parts shall be amply proportioned so as to be adaptable for heavy duty service.

CASING: Casing shall be of close grained cast iron and divided horizontally, and having suction and discharge connections in the lower half, so that the top casing can be re-

moved without breaking water connections. Casing shall have in addition to flange bolts, additional heavy bolts inside of flange to prevent leakage between stages. Casing shall be tested and guaranteed to withstand pressure 50% in excess of working pressure.

SHAFT: Shaft shall be made of best grade nickel steel and shall be ground all over to close limits and a high finish.

IMPELLERS: Impellers shall be of the enclosed type of best grade of phosphor bronze finished all over.

WEARING RINGS: Shall be of phosphor bronze and of renewable labyrinth or other equal type. Impeller wearing rings shall be securely attached to impeller, and casing ring shall be securely locked in the casing.

SHAFT SLEEVES: Shaft sleeves shall be of bronze and extend through stuffing boxes to protect the shaft from corrosion and wear from the packing.

BEARINGS: Bearing brackets shall be of the best grade of close grained cast iron and securely bolted to the lower half of the casing.

Bearing brackets shall contain cast iron bearings lined with high grade babbitt and shall be removable. Each bearing shall be equipped with two oil rings to insure proper lubrication.

COUPLING: Coupling shall be of best grade cast iron finished all over and keyed to shaft. The two halves shall be connected by coupling pins, transmitting power through rubber bushings, vulcanized on steel sleeves.

STUFFING BOXES: Stuffing boxes shall be of sufficient depth to prevent excessive leakage and shall contain water seal rings of bronze.

PACKING: Packing shall be held in place by bronze glands horizontally split and bolted together.

BED PLATE: Bed plate shall be of cast iron of heavy box type and provided with finished pads to which the pump is bolted and doweled. Foundation bolt rings shall be drilled for foundation bolts. Jack-screw pads to be cast with bed and jack-screws furnished to assist in aligning. Bed plate shall be provided with ample drip rims, drilled and tapped for piping connections on both ends.

PAINTING: Pumps shall be painted, filled, rubbed down to an even surface and finished with a drab steel-color machine paint, and the inside of the oil reservoirs in the bearing brackets to be painted white with a special oil-resisting paint.

Rule 48. SPECIFICATIONS FOR ELECTRICAL CONTROL AND OPERATION OF FIRE PUMPS.

TESTING: Pumps shall be tested at the plant of manufacturer to prove that they can fulfill requirements of specifications and guarantees made.

MOTOR: (a) Direct-current motors must be of the shunt or cumulative compound wound types. The speed of the motor at no load must not exceed the speed at full load by more than 10%.

Alternating current motors shall be of a slip ring type that will surely start and attain full speed under the current supply conditions where pump is to be installed. Approval of fire pump installations will be contingent on proper attention being given to the features mentioned herein.

(b) With a room temperature not exceeding 40 deg. C., motors shall be designed for a temperature rise not exceeding 40 deg. C. when carrying their rated full load continuously and shall also be able to run continuously with an overload of 15% without stress and without injurious rise in the temperature. Motors shall be able to withstand under the above room temperature an overload of 25% for 2 hours or a momentary overload of 50% without injury. No electrical or mechanical weakness should develop during these tests. The rise in temperature shall be measured in accordance with the Standardization Rules of the American Institute of Electrical Engineers.

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Motors shall be of such capacity that at rated voltage 115% of its full load ampere rating will not be exceeded under any conditions of pump load.

(c) Motor and control apparatus must be protected from water coming from possible leakage, or breakage of any connection at the pump or other piping in its vicinity, including hose lines which may be connected to the pump.

(d) Motor windings shall be thoroughly impregnated with an insulating compound suitable for resisting moisture.

(e) Bearig shells and caps for motors shall be of the split type on at least the driving end, to permit removal and replacement without disturbing the motor or shaft after installment.

VARIABLE SPEED CONTROL OF MOTORS shall be provided except for fire pumps in theatres as required under Rule 86. Not less than five stages of speed variation will be permitted.

AUTOMATIC STARTERS will not be permitted except as provided for under Rule 86 (Theatres, etc.) of Standpipe Fire Line Rules.

CONTROLLING EQUIPMENT: The following specifications cover the construction and installation of controlling equipments of manually operated devices for the control of electric motors driving fire pumps.

In materials, details of construction, test and installation, except as modified or supplemented by these requirements, all parts of the equipment shall comply with Chapter 9 of the Code of Ordinances.

All equipments shall be specifically approved for fire pump controlling purposes.

DESIGN: (a) The design of all parts must be such as to secure simplicity, strength, durability and ease of operation.

(b) All parts must be mounted on one or more panels of slate, marble or other approved material, supported in a substantial manner on an iron frame, and the entire equipment must comply with the requirements for switchboards in Chapter 9 of the Code of Ordinances.

(c) All parts, such as bearings, cams and latches, the operation of which is liable to be interfered with by corrosion, must be made of phosphor bronze or similar metal, except where magnetic qualities are essential. Springs must be of phosphor bronze or similar metal, or protected against corrosion in an approved manner.

OPERATING MECHANISM: (a) The operation shall be such that the motor is directly started by a single lever, which shall be arranged to move in one direction from the initial to the final position.

(b) Electrical actuating devices will not be approved.

(c) Where direct current is used, an auxiliary field resistance shall be provided which can be used to increase the motor speed 10 per cent.

RESISTANCES: Starting resistances must be, unless inside of the motor, of the grid type, and comply with the requirements of starting duty rheostats as given in Chapter 9 of the Code of Ordinances.

OVERLOAD PROTECTION: (a) Each motor lead must be protected by a circuit-breaker. With direct current motors, leads must be protected by a single-pole circuit-breaker in each lead, or by an approved double coil, double pole circuit-breaker so designed that each pole must be closed independently of the other.

(b) Circuit-breakers to be calibrated to 400 per cent. of normal motor current.

(c) No fuses nor other overload release devices except circuit-breakers are permitted, except in instrument and pilot light leads.

WIRING: All wiring shall be installed in rigid iron conduit.

SWITCH: An approved knife switch for independent sources of supply must be provided, having one pole for each supply wire in circuit.

PILOT LAMP AND INSTRUMENTS: (a) A pilot lamp connected on the motor side of the circuit-breaker must be provided to indicate the presence of voltage on the line.

(b) A voltmeter and ammeter must be provided and suitably mounted and connected as a part of the control equipment.

MARKING: (a) A name plate must be provided giving the name of the manufacturer and the rating of the equipment in volts and amperes.

(b) All line and motor terminal connections must be suitably marked so that they can be readily identified.

CONTROL PANEL: The control panel shall be constructed of a high grade of electrical slate or marble or other approved material.

The supporting frame shall be so arranged that the bottom of the panel will not be less than 24 inches above the floor.

INSTALLATION OF APPARATUS: The control panel shall be located close to and within sight of the motor. If a pump room used for no other purpose and containing no other apparatus except the fire pump, its motor and its accessory appliances is provided, the controlling equipment shall be placed in this room.

The control panel shall be so protected that it will not be injured by water escaping from pump or connections.

Except where special permission is granted by the Fire Commissioner the controlling equipment shall be protected from mechanical injury by one of the following methods:

(a) Grille or lattice partitions so placed as to completely enclose the control panel and starter.

(b) The entire equipment of the panel and starter may be enclosed at the sides, front, back and top in a thoroughly substantial, ventilated sheet iron or steel cabinet of not less than No. 12 U. S. metal gauge in thickness with hinged doors with glass panel in front of pilot light. When panel is in a fireproof room and not subject to mechanical injury an enclosing cabinet shall not be required.

TEST OF EQUIPMENT: The entire equipment shall be subject to test and inspection by representatives of the Fire Commissioner.

POWER SUPPLY: Where the power supply can be obtained from two separate street feeders, two separate and distinct services shall be installed.

Where current is taken from an underground Edison three-wire system and the power lines are protected by approved conduit from a point where they enter the building to the control panel in the pump room, it will be considered an acceptable source of power supply.

Isolated Plant: Where the source of supply is an isolated plant located in the building an auxiliary service of sufficient capacity shall be obtained from some outside source.

Transmission Lines: (a) The lines between the power plants and the pump room must be of such number, so arranged and so located that there will be small chance of an interruption of service to the motor, due to accident to the lines. All wiring in the pump room must be in approved conduit.

Where the valves involved are large and the crippling of this pump service would seriously affect the protection of the property, at least two separate lines from the power plant or plants to the pump installation shall be provided. The lines must be run by separate routes or in such manner that a failure of both at the same time will be only a remote possibility.

(b) Each line between the power plant and pump room shall be of such size that its safe carrying capacity as given in Chapter 9 of the Code of Ordinances will not be exceeded by the load carried.

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Where direct current motors are used, the voltage at the motors must not drop more than 5 per cent. below the voltage rating of the motors when the pumps are being driven at rated output, pressure and speed, and the lines between motors and power stations are carrying their peak loads.

When alternating current motors are used, the voltage at the motors under these same conditions must not drop more than 8 per cent. below the voltage rating of the motors.

(c) The overload protective devices at the power plants, and where provided at various points on the lines, must be of such rating and so set that they will open the circuit only under short circuit conditions.

Approved fuses may be used, if desired, except for the protection of the pump motor where circuit breakers are required. The fuses, however, must be of such size that an overload or short circuit at the motor or its control apparatus will not cause them to open the circuit, but instead, the circuit breaker protecting the motor.

TRANSFORMERS: Where it is necessary to install transformers they shall be installed in accordance with Chapter 9 of the Code of Ordinances.

Rule 49. SIGNALLING DEVICES. All buildings where variable speed control of fire pump motors is required shall be equipped with an approved coded closed circuit signalling system. The signalling stations shall be located one on each floor at main riser. This system shall be so arranged that a coded signal can be transmitted to the pump rooms. An eight-inch gong shall be provided in all pump rooms and at such other locations as the Fire Commissioner may direct. All apparatus used in connection with the signalling system shall be of an approved type and installed as outlined in rules governing the installation of interior fire alarm systems.

At alternate signal sending stations there shall be provided an approved closed circuit strap key enclosed in a sheet metal box equipped with a paracentric Fire Department lock and approved hinges.

The strap key shall be connected in series with the box circuit of the signal sending station.

A card of instructions shall be placed in the pump room giving code numbers of signalling stations, the pressures obtainable at different speeds of the motor and such other information the Fire Commissioner may direct.

Rule 50. RELAY STANDPIPE SYSTEM. All buildings hereafter erected exceeding 400 ft. from grade to highest hose outlet shall be provided with an intermediate combination gravity and suction standpipe supply tank and a fire pump as required under Schedule A.

Each tank shall have at least 5,000 gallons of water reserved for the fire lines and shall be connected to fire line system as described in Rule 30 for intermediate tanks except that in addition to the requirements of Rule 30, there shall be provided a long turn by-pass 8 inches in diameter around the tank check valve and the O. S. & Y. gate valves. An 8-inch O. S. & Y. gate valve SEALED CLOSED shall be provided in the by-pass line.

Each tank shall be provided with overflow and emergency drain lines as required in Rules 19 and 20, except that such lines shall drain to roofs of set backs on building, or into house drain lines providing the house drain line or lines are equal in sum total to the sum total in diameter of the drain lines.

The fire pump shall have a capacity of not less than 750 gallons of water per minute and shall deliver through the standpipe main feed riser at a pressure not less than 50 lbs. to the square inch at the highest hose outlet fed by said pump.

All fire pumps shall be located on a raised base at least 24 inches above the floor and on the floor below the supply tank, with the suction line as direct as practicable.

The pump discharge line shall be connected to the main feed riser feeding up, and outside the horizontal tank check valve line, and the upward swinging check valve in the main

riser. An O. S. & Y. gate valve shall be provided at a point between the pump discharge connection and the upward swinging check valve SEALED OPEN.

The fire pump and motor shall be located in a watertight room as close to fire tower as practicable, properly drained by a 3-inch line to house drain or scuppers in exterior wall. The electric switch controlling the motor shall be marked on panel "FIRE PUMP SWITCH" in 1 inch white letters on a red background.

Rule 51. NUMBERING ON VALVES. All gate valves on tanks, fire lines and pumps shall be numbered by 3-inch red metal disc with white numbers 2 inches high secured to wheel of valves.

Rule 52. PUMP ROOM DIAGRAM. A white and black print drawn to a scale of one-quarter inch to the foot shall be provided in a glass frame showing the tank, fire pump, all pipe lines and valves. The number of each valve shall be shown in addition to purpose of each water line.

The print shall include instructions as to method of starting and operating pump, closing main line, gate valve and opening by-pass valve.

Rule 53. FIRE LINE TELEPHONE. In all buildings where a variable speed control of fire pump motors is required there shall be provided a multiple telephone system with a master telephone in each pump room, and in the main lobby and individual telephones located on alternate floors near the main fire line riser.

The operation of the system shall be such that any individual telephone may call and converse directly with any master telephone. The master telephones may call and converse directly with each master telephone.

A six-inch vibrating call bell shall be located at the master telephones.

The master telephones in pump room below grade level shall be equipped with a loud speaking receiver so that the voice can be clearly and audibly heard at a distance of not less than fifteen feet from the receiver.

WIRING: The wiring for the telephone system shall not be smaller than No. 18 rubber covered wire installed in rigid iron conduit. The conduit system shall contain no conductors other than fire line telephone conductors.

The fire line telephone system shall be properly maintained and ready for use by the Fire Department at all times.

Rule 54. MAIN LINE EMERGENCY CONTROL VALVES IN BUILDINGS OVER 400 FEET IN HEIGHT (per Schedule A). At the base of the main feed riser or below the hose outlet valves on the first story; at each pump room elevation, and at each approximate one-third the height above the fire pump elevations and the pump or roof tank next above, there shall be provided O. S. & Y. emergency control valves in the main feed riser properly numbered and shown on the fire pump blue print heretofore described.

Rule 55. EMERGENCY TOOL BOX. Where fire pumps are required under these rules there shall be provided in each pump room an emergency fire department tool box, painted a fire department red, with 3-inch white letters reading, "Emergency fire line tool box." The box shall be secured to the wall and be fitted with a fire department lock and contain the following:

- 1—3-foot Stillson wrench.
- 4—2½-inch plugs with pipe threads.
- 4—2½-inch caps with hose threads.
- 2—Spanner wrenches of Fire Department pattern.
- 4—2½-inch double female hose connections, with Fire Department threads.

Rule 56. EMERGENCY AND TESTING HOSE. Where fire pumps are required under these rules there shall be provided in each pump room not less than two 50-foot lengths of rubber lined 2½-inch hose, of Fire Department quality, and one 1½-inch nozzle of controlling type. All couplings to be of Fire Department pattern and threads. Hose shall be supported by hooks secured to enclosure walls of pump room.

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Rule 57. LOCATION OF LOWER FIRE PUMP IN RELATION TO HORIZONTAL LINE CONTROL VALVES. In a single main riser system the fire pump discharge line to riser shall be as short as practicable.

In a two (2) main riser system the pump discharge line to cross connection shall be located between the two risers. An emergency gate valve of the O. S. & Y. type, sealed open, shall be provided in the cross-connection on each side of the discharge line connection.

In a three (3) main riser system the pump discharge line shall be connected to the cross-connection on each side of the central riser. Three (3) emergency gate valves as above shall be provided as follows: One (1) at the base of the central main riser and one (1) on each side of the discharge line connection on the riser side.

In a four (4) main riser system the pump discharge line to the cross-connection shall be centrally located so as to provide two risers on each side of pump connection. An emergency gate valve shall be provided in the cross-connection on each side of the discharge connection.

In a five (5) main riser system the pump discharge line shall be connected on each side of the third, or central riser, and shall be provided with gate valves located as described in a 3 riser system.

In a six (6) main riser system the pump discharge line shall be centrally located so as to provide three risers on each side of pump connection and shall be provided with gate valves located as described in a two and four riser system.

For the purpose of this rule a main riser is any vertical riser other than a branch riser with not more than three (3) hose outlets above the cross-connection.

Rule 58. EMERGENCY SAFEGUARDS. For the purpose of prolonging the use of the standpipe fire lines in case of failure or break, it is necessary to provide and properly locate emergency gate valves of the O. S. & Y. type as follows:

Rule 59. EMERGENCY VERTICAL LINE CONTROL VALVES. All standpipe fire line systems hereafter installed in buildings over four (4) stories or 50 ft. in height, and up to 400 ft., as described in Schedule B, shall be provided for as follows: In each riser an O. S. & Y. gate valve shall be provided below the first story hose outlet. If the interior stairway extends from hallway on first story to cellar the gate valve shall be located within the stairway enclosure below the first story level.

A two-way 2½-inch hose outlet tee with two 2½-inch approved valves, one of which may be capped, shall be provided in all main risers 6 ft. to 7 ft. above floor or stair landing level of first story with the O. S. & Y. control valve below the outlet tee.

Where a single main riser system or a main riser feed system is installed and the uppermost hose outlet exceeds 150 ft. above grade level there shall be provided in each riser O. S. & Y. gate valves, in addition to the gate valve below the first story hose outlet at approximately the level above grade hereafter specified.

SCHEDULE B

Height from Uppermost Hose Outlet to Grade	Total Number of Valves Required	Approximate Location of Valves Above Grade					
		1st Valve	2nd Valve	3rd Valve	4th Valve	5th Valve	6th Valve
150' to 200'	2 to 3	Below the 1 sty. outlet	75'	150'			
200' to 250'	2 to 3	"	75'	150'			
250' to 300'	3 to 4	"	75'	150'	225'		
300' to 400'	4 to 5	"	75'	150'	225'	300'	

Rule 60. UPPER CROSS-CONNECTION EMERGENCY CONTROL VALVES. When a two (2) main riser system is installed there shall be provided O. S. & Y. emergency gate valves between the risers in each cross-section, located within the stairway enclosure when practicable, or as near the door to main stairway of fire tower as practicable, and where the uppermost hose outlet exceeds 150 ft. above grade, the risers shall be provided with O. S. & Y. gate valves as described in Schedule B.

Where a three (3) main riser system is installed there shall be provided O. S. & Y. gate valves between any two of the risers in each cross-connection and one in the central riser at each cross-connection.

Where a four (4) main riser system is installed there shall be provided O. S. & Y. gate valves in each cross-connection between the 2 central risers, so as to provide 2 risers on each side of control valves.

Where a five (5) main riser system is installed there shall be provided O. S. & Y. gate valves between the second and third central riser in each cross-connection and one in the central riser at each cross-connection as described in a 3 riser system.

Where a six (6) main riser system is installed there shall be provided O. S. & Y. gate valves centrally located in each cross-connection so as to provide 3 risers on each side of gate valve—as described in a two and four riser system.

Rule 61. LOWEST CROSS-CONNECTION CONTROL VALVES. When the building is provided with a fire pump as required by the Rules the gate valves required in the lowest cross-connection shall be located as described under location of Fire Pumps and Horizontal Line control valves.

Rule 62. FIRE TOWER RISER. Where the building is provided with an exterior enclosed fireproof stairway or fire tower the main riser shall be installed in such stairway and properly protected from freezing in accordance with these rules unless stairway is adequately heated.

Rule 63. VALVE SEALED OPEN. All O. S. & Y. gate valves shall be located in an accessible position and be sealed open in an approved manner.

Rule 64. LADDERS TO VALVES. Where the gate valve is more than 7 ft. above any floor or stair landing a single rung iron ladder with ½-inch rungs and not less than 10 inches between strings shall be provided at each gate valve properly secured at top and bottom.

Rule 65. VALVE SIGNS. Where the gate valves on the upper cross-connections are not located in the stair enclosure, a sign with red background and white letters not less than 3 inches high shall be painted on the face of the wall within the stairway enclosure on the story where the gate valve is located, which shall read as follows: "STANDPIPE CONTROL VALVE NO. 0 IN LOFT."

Where a standpipe riser is located in a fire tower a sign with red background and 3-inch letters as above shall be painted on the wall at fire tower exit door, which shall read: "STANDPIPE IN TOWER," except on that story on which the emergency control valve is located, there the sign shall read: "STANDPIPE CONTROL VALVE NO. 0 IN TOWER."

Rule 66. VALVES NUMBERED. All emergency control valves shall be numbered by means of a metal disc not less than 3 inches in diameter painted red with a white number not less than 2 inches high and shall be secured to wheel of valve by chain or metal clamp.

Rule 67. FIRE LINES PAINTED. All standpipe lines not located within a stairway enclosure or public corridor and including the siamese connection street riser wall collars and caps shall be painted a Fire Department red.

Rule 68. SIAMESE CONNECTIONS FOR FIRE DEPARTMENT USE. Each standpipe system shall be provided with one or more approved type 3 inch x 3 inch in-

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let siamese connections for use by the Fire Department as hereinafter set forth. When a building faces on but one street and has a frontage of less than 250 ft. and requires but one four (4) inch diameter standpipe riser one siamese connection shall be provided; where the street frontage exceeds 200 ft. in length and requires but two four (4) inch diameter standpipe risers two siamese connections shall be provided for each 200 ft. of street frontage or fraction thereof. Buildings exceeding 250 ft. in height shall have not less than two siamese steamer connections for each riser and buildings not more than 250 ft. in height shall have at least one siamese connection for each 6 inch riser. Buildings having frontages on more than one street shall have a siamese connection on each street front when the frontage is not continuous but in all cases where more than one siamese connection is required they shall be properly distributed, and not grouped, as the Fire Commissioner may direct.

Rule 69. SIAMESE HEADERS. Siamese headers shall be independent of each other and lead, as direct as practicable, to riser or cross-connection header. There shall be at least 2 siamese for every 8-inch riser and at least 1 siamese for every 4 or 6 inch riser. Where there are more than one riser, the siamese headers shall divide on each side of any emergency control valve in the cross-connection, and such headers shall be equal in sum total to the sum total of all risers on either side of the emergency control valves.

No siamese header shall be larger than 6 inches. Siamese risers, when extending through sidewalk, shall be of bronze or fitted with a brass sleeve, packed with a waterproof compound between sleeve and riser.

Rule 70. SIAMESE OMITTED. Any building, other than theatre with stage, not over 45 feet in height shall not be required to have a siamese connection except when each building is on a water-front or when it is one of a group of buildings and has a cross-connection to the standpipe equipment in one or more of the other buildings.

Rule 71. LOCATION. Each siamese connection placed on the street front of a building shall be located not less than 18 inches and not more than 36 inches above the sidewalk level and shall be set in a horizontal position and shall be readily accessible for Fire Department use. Each siamese shall have cast in the body on top or on wall plate, in letters at least 1 inch in length and not less than $\frac{1}{8}$ inch in depth, the word "STANDPIPE."

The piping connecting the siamese with the standpipe equipment proper shall be not less than 5 in. in diameter where there are two or more 4 in. risers and not less than 6 in. in diameter for risers of 6 and 8 in. diameter. When there is but one 4 in. riser, connection from siamese may be 4 in. in diameter.

Rule 72. SIAMESE CHECK AND DRIP. In each line between the siamese connection and the standpipe system there shall be placed an approved type swing check valve located where practicable within 10 feet from the building wall. Between the siamese and its check valve there shall be placed a $\frac{3}{4}$ -inch automatic ball drip of an approved type which will close under a pressure of not more than 7 lbs. per square inch.

Rule 73. SIAMESE CONNECTIONS FOR FIREBOAT USE, EXCEPT WHERE THE SOURCE OF SUPPLY IS FROM THE STREET MAIN DIRECT. Siamese connection on piers or warehouses, etc., intended for fireboat use exclusively shall be $3\frac{1}{2}$ in. x $3\frac{1}{2}$ in. at inlets with Fire Department female thread. Between siamese and the system proper there shall be an approved type swing check valve, and between the check valve and the siamese either a $\frac{1}{2}$ -in. open drip without valve or cock, or a $\frac{3}{4}$ -in. automatic ball drip of approved type closing under a pressure of not more than 7 lbs. per sq. inch. Where systems have both fireboat and shore sia-

mese the shore siamese shall have male connections and shall be without clappers, but shall have on each inlet a 3 in. gate valve with Fire Department male thread for hose connection. Check valve shall not be provided for the land end siamese.

Rule 74. HOSE OUTLETS. When practicable all hose outlets shall be placed within a stair enclosure. They shall be $2\frac{1}{2}$ in. in diameter, set not less than 5 ft. nor more than 6 ft. above the floor or landing as the case may be. Outlets and racks shall be located above the floor or landing and shall not be over a run of stairs or in a stair well. When impracticable to place hose outlets within the stair enclosure, the Fire Commissioner may permit them to be located immediately adjacent to a stair enclosure, in a conspicuous place, in which case there shall be painted upon the stair side of the wall of the stair enclosure a conspicuous sign in letters not less than 8 in. in height indicating the location of the outlet. Where there is a 4-in. riser system its termination above roof shall be a $2\frac{1}{2}$ -in. outlet hose valve properly capped.

Rule 75. MAIN ROOF OUTLETS. All 6 and 8-inch main riser systems which extend to intermediate or the highest roof level shall be provided with not less than three $2\frac{1}{2}$ -inch hose valve manifolds with male threads. Roof outlets shall be located not less than 24 in. nor more than 5 ft. above the roof and each valve shall be provided with regulation $2\frac{1}{2}$ -in. Fire Department caps. Where roof outlets cannot be located within a heated stair enclosure, the control valve shall be located below the roof and shall have a long stem extending above the roof with a wheel handle at the upper end. Between the long stem valve and the roof outlet there shall be a $\frac{1}{2}$ in. open drip extending to a sink or a $\frac{3}{4}$ in. automatic ball drip of approved type.

In buildings not exceeding 40 ft. in height hose outlets above roof shall not be required.

Rule 76. SPANNER WRENCH. A spanner wrench may be provided at each hose outlet valve, such wrench shall be of the gooseneck Fire Department pattern.

Rule 77. BRANCH LINE SIZE. No branch line may be less than 4 in. in diameter, except that any branch from a riser or cross-connection to but one hose outlet may be $2\frac{1}{2}$ in. if not over four (4) feet in length, and may be 3 in. in diameter if not more than twenty-five (25) feet in length.

Rule 78. NOZZLES. All $2\frac{1}{2}$ -in. fire hose shall be provided with approved smooth bore nozzles 15 in. in length, the outlet at the tip to be not less than 1 in. nor more than $1\frac{1}{8}$ in. in diameter.

Rule 79. HOSE. Each outlet other than the roof outlet shall have attached thereto $2\frac{1}{2}$ in. unlined linen hose, except that in buildings or premises that do not contain occupancies storing, handling or using inflammable motion picture films or nitro cellulose products, and which are not classified as hazardous, the Fire Commissioner may permit in addition to the $2\frac{1}{2}$ -inch outlet and hose the installation of $1\frac{1}{2}$ in. unlined linen hose and valve. There shall not be more than 100 ft. of hose at any outlet, as required by Section 581, Chapter 5, Code of Ordinances. No single length of hose shall be less than 50 ft.

All hose used in connection with the standpipe fire line system shall be at least equal in material and construction to the type of hose bearing the approval label of the National Board of Fire Underwriters.

Rule 80. COUPLINGS. Hose couplings for standpipe shall be equal to hose couplings of the regular Fire Department pattern and thread.

Rule 81. RACKS. All standpipe hose shall be suspended from racks of stamped steel, malleable iron or other metal equal thereto, of approved swing type, so designed and constructed that they will permit of ready and easy release of hose for use. The racks shall be supported securely and substantially from standpipe risers or wall, except that where

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a cast nipple of non-corroding material is screwed into the hose outlet valve the rack may be suspended from said nipple. The minimum thickness of nipple to be 5/16 in. In no case will automatic racks be permitted.

Racks shall be not more than 7 feet 6 inches above the floor.

Rule 82. HOSE CABINETS. Hose racks may be installed in cabinets, provided the cabinets are conspicuously located within a stair enclosure, and are of a size sufficient to accommodate the entire equipment and permit of easy handling of hose and operation of valve.

In theatres, cabinets may be permitted outside of stair enclosures, provided they are conspicuous, and that during performances the cabinets are illuminated by means of an electric lamp placed inside. Each cabinet shall have a clear glass door (one panel only) without lock and shall have the words "FIRE HOSE" painted on the glass in letters not less than 2½ inches in height.

Rule 83. REGULATION AND REDUCTION OF PRESSURES. All buildings hereafter erected over 250 ft. in height and which do not exceed 400 ft. in height from the grade to highest hose outlet shall be provided with a roof gravity tank of not less than 5,000 gallons.

Where the above described height exceeds 400 feet, fire pump and suction tanks shall be provided as described under Schedule A.

Where the pressure on any hose outlet valve exceeds 50 lbs. either approved outlet pressure reducers, set as prescribed by the Chief of the Fire Department, or the Board of Standards and Appeals, shall be provided at such outlets.

Rule 84. BUILDINGS IN COURSE OF ERECTION. In buildings in course of erection standpipe fire lines shall be carried up with each story after the structure reaches the 7th story or a height of 85 ft., and there shall be provided an outside siamese pumper connection in a proper and accessible place. Regulation hose outlets on each story above the 2nd shall be provided as the work progresses. Hose outlets shall be provided with male threads of Fire Department pattern, with hose and nozzle attached, to at least every second outlet. The top and bottom of each riser and all cross connections shall be securely capped at all times during the progress of the work except when work on the standpipe fire line is in progress at that point. Temporary standpipe risers used in construction work and not less than 3 inches in diameter for buildings, not exceeding 400 ft. in height, and of larger diameter, in buildings exceeding 400 ft. in height, when maintained to supply water at all times, may be accepted in lieu of the regulation standpipe, provided it is equipped with hose outlets, hose and siamese as required above.

Elevators or hoists shall be provided as required in Rule 6.

Rule 85. PLACES COVERING LARGE AREAS. Ship yards, oil storage plants, amusement or exhibition parks or other enclosures when deemed necessary by the Fire Commissioner shall have one yard hydrant and hose for each 20,000 sq. ft. of area, but in no case shall there be more than 250 ft. distance between hydrants. Hydrants and sufficient approved hose and a smooth bore 1½-inch Underwriters playpipe shall be placed in an approved hose house, painted red, with words "FIRE HOSE" in 6-inch white letters on door. Where the area exceeds 20,000 sq. ft. and not exceeding 40,000 sq. ft. in area, a gravity tank of at least 20,000 gallons capacity, elevated 50 ft. above the yard, or 25 ft. above the highest structure in the yard, or a fire pump of at least 1,000 gallons a minute capacity, with a suction tank of at least 25,000 gallons capacity, or river suction supply shall be provided. Plants exceeding 40,000 sq. ft. in area shall be provided with a fire pump of not less than 1,000 gallons per minute capacity, suctioning from a tank or sump of at least 30,000 gallons capacity. The Fire Commissioner may permit suction from a river or well if in his opinion the required quantity of reasonably clean water may be obtained thereby, except that where river

suction is proposed and standpipe primary water supply is taken from street main, approval of the proposition shall be obtained also from the Department of Water Supply, Gas and Electricity. In addition to yard hydrants, the Fire Commissioner may require one Monitor nozzle with remote control for each 40,000 sq. ft. of area or fraction thereof when in his opinion an unusual hazard exists or may exist. Monitor nozzles shall be located as ordered by the Fire Commissioner.

Standpipe risers may be connected to yard hydrant systems when such systems are provided with gravity tanks in accordance with this rule, or when same conforms with Rule 9, Subdivision A (city main connection).

Yard hydrant systems connected to city main shall be provided with Post Indicator valve located in an accessible position. The Post Indicator valve shall be sealed or locked open and be painted a Fire Department red.

Yard hydrant systems with more than one hydrant shall not be connected to City mains outside of the high pressure fire service area, unless approved by the Board of Standards and Appeals.

Provision for steamer connections, fireboat connections, pressure reliefs and general layout of plant standpipe systems shall be made by the Fire Commissioner as his judgment may dictate for each individual case.

Fire extinguishing equipments in addition to the foregoing shall be prescribed by the Fire Commissioner for all oil storage plants, oil refineries, fire work plants and other plants when deemed by the Fire Commissioner as presenting unusual fire hazards.

Rule 86. THEATRES, ETC. In every theatre or opera house or other building used for theatrical or operatic purposes or amusement purposes as per Section 520, Chapter 5, of the Code of Ordinances, the standpipe fire line equipments in addition to the tank shall also be supplied by approved electric pump or pumps having a capacity of at least 250 gals. per minute at 100 lbs. per square inch in buildings without occupancy above the roof and at 125 lbs. per square inch pressure in buildings having any occupancy above the auditorium roof. Power for pumps shall be supplied by electric motors of sufficient horsepower to drive pump without sign of overload. Pumps shall be bypassed to suction tanks, as provided for elsewhere in these rules under FIRE PUMPS. Pumps shall suction from steel or reinforced concrete tanks of not less than 5,000 gallons water capacity. Pumps shall deliver initial supply of water and shall be connected to an approved electric device which, upon a reduction of pressure below the allowable minimum, will automatically start the pump and, upon a restoration of the required pressure, will automatically shut off the pump. The automatic starting device shall be set to cut in at 60 lbs. pressure and to cut out at 80 lbs. pressure. In addition to the automatic starting device there shall be provided a hand starter for emergency use and there shall also be provided a pressure gauge on the panel board.

Rule 87. STREET MAIN CONNECTIONS. Subject to the requirements of the Department of Water Supply, Gas and Electricity, the size of each standpipe connection to a street main shall be not less than 4 in. in diameter and shall have a conveniently accessible control valve in the line at or near the curb or when practicable in a more remote location. The control valve shall be fitted with a frost and waterproof box not less than 4 ft. nor more than 6 ft. below the curb with a fixed stem extending to a compartment at the level of the sidewalk. The cover shall be bolted to the casing, and shall be so marked as to be quickly located and to indicate the purpose of the valve. The valve shall be of an indicating pattern, operating by a special socket wrench approved by the Department of Water Supply, Gas and Electricity. The water meters used in standpipe fire line supplies shall be of approved type allowing free flow of water. Supply through the

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meter shall be checked against the Fire Department Siamese Supply and against tank supply.

Where, due to the presence of a vault under the sidewalk and extending to within 18 in. of the curb, it is impracticable to install a control valve box at the curb, there shall be placed in the feed line from the main a control valve located not more than two feet from the point of entry.

Rule 88. HIGH AND LOW WATER ELECTRIC ALARMS. The high and low water electric alarm for gravity tanks shall be so constructed and arranged that a decrease in the quantity of water below the required fire line reserve shall cause an alarm to be given in either the pump room or engineer's room. An annunciator shall be provided in connection with the alarm system. The high and low tell tale electric devices for gravity tanks shall be so constructed that they will not be affected by moisture and the parts shall be heavy and rugged. The level of the water in the gravity tank shall be indicated by an approved device.

The audible signalling device for high and low water electric alarm shall consist of vibrating gong of at least 6 inches diameter of the enclosed type and arranged for conduit installation, the same to be operated automatically. The control cabinet shall be arranged for conduit installation and shall be located in the engineer's room or pump room where it will be under supervision of the person in charge of the standpipe supply.

All wiring shall be installed in rigid conduits and the installation shall be in accordance with the provisions of Chapter 9 of the Code of Ordinances. Control panels must be approved by the Board of Standards and Appeals.

The following sources of energy may be employed and are given in their order of preference:

1. Public utility electric light and power systems.
2. Independent electric generating plants.
3. Storage batteries in duplicate.
4. Primary batteries of closed circuit type.

When the system is connected to a 110 volt lighting service a suitable cut-out is to be provided and it shall be enclosed in a locked or sealed metal cabinet. The connection to system shall be the first connection on the house side of and as near as practicable to the meter. When batteries are used to operate the system they shall be placed in an approved cabinet provided with a lock and key.

Rule 89. DRY PIPE VALVE. A dry pipe valve shall be taken to mean a valve automatically controlling the water supply of the standpipe system in such a manner that under normal conditions its piping system will be maintained dry, but in the event of a hose valve being opened, the dry pipe valve automatically releases the water into the standpipe system.

In refrigerating plants or in unheated buildings, piers or warehouses where wet lines are impracticable, dry pipe valves may be installed.

Type A, in which the valve is actuated by the release of compressed air in the standpipe system due to the opening of a hose valve; and Type B, in which the valve is actuated by an approved trip under electrical control of an approved non-coded or coded closed circuit system operated from the control station at each hose outlet. Dry pipe valve shall be located as near as practicable to the standpipe system, in an enclosed place, protected from mechanical injury and freezing.

When Type A valve is installed the air pressure in the standpipe system under such dry pipe valve control shall not exceed 40 lbs. per sq. in. nor be permitted to fall below 25 lbs. per sq. in. nor shall it be less than one-sixth of the water pressure in any case. Not more than 16 hose outlets shall be supplied through one dry pipe valve. The air compressor shall have a capacity of not less than 11 cu. ft. per minute, and the air supply for the pump shall be taken, if possible from a room containing dry air, or it shall pass through a drying chamber containing calcium chloride in order to avoid the introduction of moisture into the system.

A closed circuit alarm shall be provided in connection with each dry pipe valve installation; the electrical layout shall be approved by the Fire Commissioner.

Rule 90. MONITOR NOZZLE. Monitor nozzles shall be so constructed and designed that they may be moved in both vertical and horizontal arcs, and shall be so located that streams may be brought to bear on all portions of the plant or building within the effective radius of stream play and such other exposing properties as may be within this radius. They shall be supplied from connections to the standpipe system not less than 4 in. in diameter with remote control.

Rule 90a. ROOF SETBACK HOSE OUTLETS. A two-way hose outlet tee, with one outlet properly capped, shall be provided in the standpipe risers on floor level of any intermediate roof setbacks on all buildings exceeding one hundred feet in height when the following conditions exist:

1. When the building has a frontage of fifty feet or over.
2. And there are adjoining roofs, window openings or other exterior exposures within fifty feet of the roof parapet.
3. And the depth of the setback exceeds ten feet.
4. And the setback exceeds one hundred feet above grade level.

Rule 91. EXISTING STANDPIPES. Standpipe fire line equipments which were approved by the Fire Commissioner as conforming to the rules and regulations then being enforced, shall not be required to be altered to conform to the provisions of these rules, except where substantial additions or extension in height or area is made to the building, when these rules shall apply if deemed advisable or necessary by the Fire Commissioner, and except that all such fire line systems shall have or be provided with the following:

1. Roof gravity tank shall have a reserve of approximately 3,500 gallons of water for fire line.
2. The bottom of the gravity tank shall be not less than 20 feet above the hose outlet in the highest story.
3. A 4-inch emergency drain with gate valve.
4. House lines taken from outside of tank.
5. Tank properly heated and provided with overflow line.
6. Tank shall not be fed through fire line.
7. Tank to be fed at not less than 65 gallons a minute by pump or direct city connection.
8. An iron ladder of substantial construction, properly braced, extending to top of tank.
9. At least one gate valve at the downstream side of tank check unless a gate valve has been installed on either side of check.
10. Hose valves and hose not less than 2½ inches in good serviceable condition. No automatic hose valves permitted.
11. Wheel of hose valve within 6 ft. 6 in. of stair landing or of steps within 2 ft.
12. An open or automatic ball drip between the siamese check and siamese.
13. Approved 3 in. x 3 in. siamese, with approved caps.
14. The words "STANDPIPE" cast in the body of the valve, or on metal plates secured to siamese riser, or secured to face of building behind the siamese.
15. The siamese street riser, wall collars and caps painted a Fire Department red.
16. Outlet pressure reducers on all hose outlet valves where the pressure exceeds 50 lbs. per square inch.
17. In factory or other buildings of hazardous use, where the fire lines are not within a protected stair enclosure and may be subjected to fire exposure because of such location, they shall be protected by asbestos covering, wire lath and cement, or terra cotta blocks as described in these rules.

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18. Fire lines shall be protected from freezing as specified in these rules.

19. The tank shall be provided with a high and low water electric alarm, except where there is an automatic filling pump installed.

20. The bonnets or caps of all siamese or tank check valves which have been in the fire lines for at least ten years, where practicable, shall be removed and the interior of valve cleaned of all rust or other accumulations. The body of the valve shall then be given a good coat of red lead and linseed oil.

Rule 92. HOSE OUTLET VALVE. Hose outlet valves shall be $2\frac{1}{2}$ in.

A—All hose outlet valves hereafter installed in buildings not exceeding 300 feet in height, or for the uppermost 300 feet in any building, shall conform to the following specifications:

1. Valves shall have a clear waterway of at least 5 sq. in. in area.

2. They shall show not more than 5 lbs. friction loss for a flow of 300 gallons per minute.

3. They shall close tightly against 300 lbs. hydraulic pressure under normal working conditions.

4. They shall stand a hydrostatic pressure test of 750 lbs. per sq. in. for 30 minutes and not distort.

5. They shall stand the operation of full opening and closing 300 times under 150 lbs. pressure without leaking at stuffing box or seat.

6. They shall not be of cast or malleable iron.

7. Only angle globe valves shall be permitted.

B—Hose outlet valves hereafter installed in buildings exceeding 300 feet in height, except as provided for in Subdivision A, shall show not more than 5 lbs. friction loss for a flow of 300 gallons per minute; they shall close tightly against 500 lbs. hydraulic pressure under normal working conditions; they shall stand a hydrostatic test of 1,250 lbs. per square inch for 30 minutes and not distort; they shall stand the operation of full opening and closing 300 times under 250 lbs. hydraulic pressure without leaking at stuffing box or seat. They shall be of brass or best grade of valve bronze.

Straight-way gate valves may be submitted for test.

All hose outlet valves hereafter installed shall have cast in the body of the valve:

1. The manufacturer's name or trade-mark.

2. The working pressure of the valve.

3. The approval number of the Board of Standards and Appeals.

Not less than 2 approved hose valves shall be delivered to the office of the Board of Standards and Appeals, the weight and other general matter noted, and valves certified. One of the valves shall then be delivered to the office of the Fire Commissioner, with certified specifications.

Rule 93. SPECIFICATIONS. Siamese Connections.

Fire Department siamese connection shall be as hereinafter stated in this rule.

1. The body of the siamese may be of cast iron, cast steel, brass or any other suitable metals of sufficient strength to comply with Item 8 of this specification. All movable parts, clappers, swivels and all bolts, washers, nuts, screws and pin bearings and all swivel bearings shall be of non-corrodible metal.

2. Clapper valve seats shall be made of non-corrodible metal and shall be machined to insure a tight seat for clapper valves.

3. Each inlet to siamese shall be provided with a clapper valve machined to a true face. Single clapper siamese connections shall not be permitted.

4. The inside diameter of valve seats shall not be less than the inside diameter of the hose couplings. The area of the waterway beyond the valve seats shall not be less than the combined areas of the waterways through the two valve seats. The area of the waterway of each inlet shall not be reduced by the clapper when in a position of maximum opening.

5. Clappers shall be so hung that when siamese connection is placed in a horizontal position the clappers will be seated.

6. Swivels, attached to the body of the siamese by means of a collar expanded cold or screwed into the body of the siamese, or with other bearing surface extending entirely around the opening and exerting uniform shear, will be approved if giving a strength sufficient to meet Item 8.

7. Clapper valves must of such design and area that a pressure of 100 lbs. per sq. in. on the standpipe side will not prevent their opening when the pressure on the steamer side is 150 lbs. They must be so hung that with a discontinuance of flow into the siamese through that inlet the valve will close, and that it will not close where there is an inward flow and the pressure on the inlet is 5 lbs. or more greater than the standpipe pressure.

8. Siamese connections must stand a hydraulic pressure test of 500 lbs. for 30 minutes under normal working conditions.

9. Clapper valves shall be tight for any pressure on standpipe side up to 300 lbs.

10. Approved caps or plugs must be provided to protect the threads of the inlets.

11. The inlet swivels to siamese connection shall be provided with threads to fit the Fire Department hose.

12. The word "STANDPIPE" shall be cast into the top of the body of the siamese or on wall plate, in 1 in. letters not less than $\frac{1}{8}$ of an inch in depth.

13. Where there is a fire boat siamese connection in the same system with a land end siamese connection, clapper valves shall be omitted from the land end siamese.

Rule 93a.

Specifications and Performance Requirements for Adjustable Pressure Reducers for Use At $2\frac{1}{2}$ -Inch Hose Outlets of Standpipe Systems.

These valves are for use at outlets for $2\frac{1}{2}$ -inch hose on standpipe systems to permit securing adjustment of the water pressure in hose and at nozzles as is required in the Standpipe Rules of the Board.

1. The body and working parts of the valve shall be of brass or bronze of a quality and thickness satisfying the hydrostatic pressure test requirement given below and corrosion-resisting. A bronze of not less than 83 per cent copper and 5 per cent tin and of not more than 7 per cent zinc and not more than 3 per cent lead will be judged to furnish acceptable corrosion resistance.

2. Threaded parts for connection to hose couplings shall conform to the New York Fire Department thread for $2\frac{1}{2}$ -inch fire hose.

3. The design shall provide that the friction loss shall not exceed 10 lbs. when the valve is in the full open position and is discharging not less than 200 gallons per minute.

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4. It shall be possible to operate the adjustable means through its full range by means of a regulation Fire Department goose-neck spanner wrench or manually when subject to an upstream hydraulic pressure of 500 lbs per square inch.
5. The valve shall withstand without fracture or excessive leakage the application for 30 minutes of an internal hydrostatic pressure of at least 1,250 lbs. per square inch.
6. It shall be possible to secure all movable exterior parts of the valve which affect the pressure adjustment so that the adjustment will be not altered accidentally or by tampering without giving evidence of the alteration. It shall be possible to readily accomplish any desired adjustment within the range specified below by the use of a regulation Fire Department spanner wrench.
7. The adjustable means shall provide that the waterway within the body of the valve shall be not less than 2.5 square inches in area when in full-open position and at least 0.5 square inch when in the fully reduced position. Between these positions there shall be not less than 13 positions of the pressure adjusting means at each of which a positive pressure reduction shall be obtained. Each such position shall be indicated by suitable markings or equivalent means.
8. When necessary, straightening vanes or baffle plates of brass or bronze, at least No. 14 B&S gauge in thickness shall

- be placed in the down-stream or discharge part of the valve to regulate jet effect of water and protect hose.
9. The valve shall be marked so that it may be identified after installation to show a registered name or trade-mark, together with the Calendar Number assigned to it by the Board of Standards and Appeals and the registered symbol of endorsed approval by testing agency. These markings shall be in letters and figures at least 1/4 inch high.
10. The valve shall be so marked as to clearly indicate when it is installed the upstream pressure producing 50 lbs. pressure at its discharge according to adjustment at which it is set as specified in paragraphs 6 of these Rules. These markings shall be in letters and figures at least 1/4 inch high.
- Not less than two approved pressure reducing valves shall be delivered to the office of the Board of Standards and Appeals, the weight and other general matter noted, and valves certified. One of the valves shall then be delivered to the office of the Fire Commissioner, with certified specifications.*
- The Board of Standards and Appeals hereby serves notice that approvals granted hereunder are subject to amendments or limitations as and wherever in its opinion service conditions in buildings may require.*
- Saving Clause. All rules and regulations previously adopted and conflicting with these rules are hereby rescinded.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	Marsh Fuel Oil Pump	1050-23-SA
American Marsh Simplex	639-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	M. D. Rotary	52-27-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
		Monroe Oil Pump	658-26-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Northern Rotary	1396-24-SA
Beach Russ Co. Rotary	1134-22-SA	Pascoe Pump Set	1029-26-SA
Blackmer Rotary	935-24-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Quiet May Gerotor Pump	267-32-SA
Century Rotary	908-21-SA	Quimby Screw Pump	1193-21-SA
Cook Electric Oil Pump	603-25-SA		
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
		Tate-Jones	492-21-SA
Enterprise Oil Pump	11-28-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
Exeter Rotary	507-22-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
		Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
General Electric Oil Pump	475-32-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Hand Rotary	1133-25-SA	Viking	438-21-SA
Goulds Rotary Oil Pump.....	437-31-SA	Warren Oil Pump	1169-23-SA
Goulds Triplex Plunger	257-22-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Hardinge Fuel Oil Pump	813-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kinney Rotating Plunger Pump	503-24-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Koerting Gear Pump	1264-25-SA	Worthington Show Model Duplex	194-22-SA
Kraissl Fuel Oil Pump	60-28-SA		
Leiman Rotary	95-24-SA		

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2½:5 concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

APPROVED APPLIANCES

		Burners for Industrial Use	
<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Micron Oil Burner	345-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Midget Oil Burner.....	155-34-SA
Auto Heat Oil Burner.....	284-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Morse Fuel Oil Burner.....	820-23-SA
Ballard Jr. Oil Burner.....	1176-27-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	National Airoil Low Pressure Burner.....	186-29-SA
Berggren Oil Burner.....	764-26-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Best Calorex Burner.....	1464-21-SA	Nichols-McCann-Harrison Burners	255-31-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	North American Low Pressure Oil Burner....	792-26-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Oilbilt Burner	85-33-SA
Bock Oil Burning Water Heater.....	102-34-SA	Oronoque Oil Burner.....	394-30-SA
Brighton Oil Burner.....	372-33-SA	Packard Fuel Oil Burner.....	77-34-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Burnwell Mechanical Burner.....	957-22-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Caloroil Burner, Type AA.....	1361-24-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petro Model W Oil Burner.....	452-31-SA
Coen Mechanical Oil Burner	942-21-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Concord Burner	108-35-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Presto Automatic Oil Burner.....	294-34-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
D'Elia Oil Burner.....	155-31-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
DeWalt Oil Burner.....	541-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
Doe Oil Burner.....	317-31-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rockwell Fuel Oil Burner	341-21-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Forsdraft Oil Burner.....	41-34-SA	S. K. Oil Burner, Model F.....	369-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Gem Fuel Oil Burner.....	111-26-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Standardyne Oil Burner.....	34-34-SA
Ghapco Steam Generator.....	348-31-SA	Steam Oil Burner.....	183-22-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Sun Heat Oil Burner.....	603-29-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
Grant Oil Burner, Model "C".....	232-32-SA	Sunway Oil Burner.....	624-30-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Surface Combustion Low Pressure Burner....	92-23-SA
Hammond Oil Burner.....	72-31-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hart Oil Burner, Model "H".....	221-33-SA	Timken Rotary Oil Burner.....	297-29-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hayward Oil Burner.....	696-30-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Burner (pump type).....	94-32-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Vapofier Oil Burner.....	184-34-SA
Korth Oil Burner, Model G.	136-34-SA	Vapomatic Oil Burner	275-34-SA
Kreager Oil Burner.....	367-30-SA	Vaporoil Burner	44-32-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Wheco Oil Burner.....	108-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Liberty Automatic Heater.....	129-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
Leintz Oil Burner.....	155-20-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Loneragan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
May Oil Burner.....	68-24-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

938-22-SA—Johnson Improved Rotary Fuel Oil Burner.

628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

568-30-SA—Tuthill Fuel Oil Pump, Model 30-I.E.

345-31-SA—Silent Glow Oil Burner, Models 3800, 6800 and 8800.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

349-33-SA—Herco Oil Burner.

32-34-SA—Super Oil Burner for Pressing Machine.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

302-34-SA—Loyalty Range Burner.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxc" Range Burner.

325-34-SA—Diamond Range Oil Burner.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

29-35-SA—Actna Range Oil Burner.

30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

85-35-SA—Greenawalt Down Draft Combustion Oil Burning Furnace.

89-35-SA—Siphon-Proof Water Closet, Type "A".

97-35-SA—Roper Rotary Pump for Fuel Oil.

98-35-SA—Heat King Oil Burner, Model 2.

102-35-SA—Range-O-Matic Oil Pump, Pressure and Suction Model and Model 50.

113-35-SA—Ryan Marvel Oil Burner, Model M.

118-35-SA—Hayward Oil Burner, Model 1500.

121-35-SA—Timken Silent Automatic Water Heater, Models 40-A and 50-B.

133-35-SA—Monarch Industrial Oil Burner.

134-35-SA—Fluid Heat (Gun Type) Oil Burner, Model P.

135-35-SA—Loyalty Conversion Hot Water Heater.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbcoch) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

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Requests for modification	0	Requests to amend granted	84
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Requests for interpretation	0	Requests for extension of time denied	6
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		Requests to install denied	5
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		Total	531

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year JUNE 25, 1935 Single Copies, 5 cents By mail, 8 cents No. 26

DIRECTORY

BOARD OF STANDARDS AND APPEALS

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TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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 - Minutes of Regular Meeting, June 18, 1935, at 2 P. M.
 - Correction.
 - Fire Retarding Rules for Garages, etc.
 - Sprinkler Rules.
 - Approved Burners for Industrial Use.
 - Reserve Calendar.
 - Approved Fireline Hose Valves.
 - Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, June 24, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, July 1, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET

New Cases Filed up to June 19, 1935.

Cal. No.	Department	Premises Affected.
160-35-SA....	F.D.....	Automatic Products Co., Constant Level Oil Burner Control, Models 73B, 77, 261 and Model 240, Types (MAM), (MAE), (MAW), (BM), (U-nr), (P), (E), (W-er-1),
		Appliance.
159-35-SA....	F.D.....	Easyway Water Heater, Models HW1 and HW2,
		Appliance.
158-35-SA....	F.D.....	Easyway Space Heater, Models CRN 17, CRL 19, CSP 27, and CSP 19,
		Appliance.
157-35-SA....	F.D.....	Easyway Range Oil Burner, Models D 27, D.C. 27, G. 27, and NG 27,
		Appliance.
156-35-SA....	D.B.M....	Gillespie Elevator Shaft Door Switch,
		Appliance.
155-35-BZ....	D.B.Bx....	3215 Grand Concourse, S. W. cor. East Van Cortlandt ave. (Block 3311, Lot 53), The Bronx,
		Applic. 203-35.
154-35-BZ....	D.B.Q....	219-34 Hillside ave., and 88-07 Springfield boulevard, S. E. cor. (Block 1727, part of Lot 1), Queens Village, Queens,
		Applic. 1942-35.
153-35-A.....	D.B.M....	335-341 Canal st., N. W. cor. Greene st. (Block 229, Lots 1 and 2), Manhattan,
		21339-F.
152-35-BZ....	D.B.Q....	139-49 Queens blvd., E. S. 209.68 ft. North of Hillside ave. (Block 669, Lot 55), Jamaica, Queens,
		Applic. 1286-35.
151-35-BZ....	D.B.B....	6502 18th ave., and 1788 65th st., S. W. cor. (Block 5553, Lot 40), Brooklyn,
		Applic. 4987-35.

Restored to Calendar.

825-27-BZ....	D.B.Bx....	Bronx blvd., and East 219th st., S. E. cor. (Block 4649, Lot 41), The Bronx,
		Decision.
31-33-BZ....	D.B.B....	610-622 Utica ave., N. W. cor. of Winthrop st. (Block 4603, Lots 40 and 43), Brooklyn,
		Applic. 312-33.
334-29-BZ....	D.B.B....	1876-1878 50th st., south side, 100 ft. west of 19th ave., and 1853-1877 51st st., north side 100 ft. west of 19th ave. (Block 5461, Lot 36), Brooklyn,
		Applic. 2562-29.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D. B. M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

Last Publication in Bulletin

Certificate of Occupancy, approved forms	Aug.	2, 1932—Vol. 17, No. 31
Concrete Flat Slabs, Rules.....	Dec.	4, 1934—Vol. 19, No. 49
Concrete Rules (Hydrated Lime)...	June	4, 1935—Vol. 20, No. 23
Elevator Rules	May	21, 1935—Vol. 20, No. 21
Exist Rules (Revolving Doors)....	Jan.	1, 1935—Vol. 20, No. 1
Factory Exit Rules.....	June	4, 1935—Vol. 20, No. 23
Fire Alarm Rules (Interior).....	May	28, 1935—Vol. 20, No. 22
Fire Drill Rules	June	4, 1935—Vol. 20, No. 23
Fire Retarding Rules for Garages, etc.	June	25, 1935—Vol. 20, No. 26
Fireproof Wood, Testing of.....	Apr.	9, 1935—Vol. 20, No. 15
Frame Garages, Ruling for.....	Jan.	21, 1919—Vol. 4, No. 3
Gas Shut-Off Rules.....	Apr.	7, 1925—Vol. 10, No. 14
Hatchway Protection.....	June	5, 1928—Vol. 13, No. 23
Oil Burner Rules.....	June	11, 1935—Vol. 20, No. 24
Paint, Varnish and Lacquer Spray- ing Rules.....	Nov.	27, 1934—Vol. 19, No. 48
Plumbing Rules.....	Apr.	30, 1935—Vol. 20, No. 18
Procedure, Rules of.....	May	7, 1935—Vol. 20, No. 19
Refrigerating Systems, Extract C.O.	May	14, 1935—Vol. 20, No. 20
Smoking in Factories, Rules for...	June	4, 1935—Vol. 20, No. 23
Sprinkler Rules.....	June	25, 1935—Vol. 20, No. 26
Standpipe Fireline Rules.....	June	18, 1935—Vol. 20, No. 25
Structural Alterations, Reporting...	June	7, 1932—Vol. 17, No. 23
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)...	Apr.	10, 1923—Vol. 8, No. 15

LIST OF APPROVED APPLIANCES

Anti-Siphon Valves.....	Mar.	5, 1935—Vol. 20, No. 10
Fireline Hose Valves.....	June	25, 1935—Vol. 20, No. 26
Fuel Oil Burners for Domestic and Commercial Use.....	June	11, 1935—Vol. 20, No. 24
Fuel Oil Burners for Industrial Use...	June	25, 1935—Vol. 20, No. 26
Fuel Oil Pumps.....	June	18, 1935—Vol. 20, No. 25
Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov.	27, 1934—Vol. 19, No. 48
Range Oil Burners and Space Heaters	June	18, 1935—Vol. 20, No. 25

COURT DECISIONS

Matter of Berman and ano. (Murdock et al)—Dec. 18, 1934, Board denied request to reopen application, for the purpose of adding a long and very narrow apex to property on which gas station had previously been denied, and rehear as new application for gas station on both parcels taken together, under section 21; Cal. No. 784-27-BZ; Premises 820-830 Empire Boulevard and 793-803 Lefferts Ave., Brooklyn. Mr. Justice Lockwood sustained Board. (N. Y. L. J., June 10, 1935).

* * *

Matter of 1758 Conev Island Avenue Realty Co., Inc. (Murdock)—Oct. 23, 1934. Board denied application for gas station in business district, under section 21 (to be added to existing automobile laundrv. greasing and repair shop), Cal. No. 307-33-BZ; Premises 1758-1766 Conev Island Avenue, Brooklyn. Mr. Justice Riegelman sustained Board (N. Y. L. J. June 12, 1935).

* * *

Walsh vs. Board Standards and Appeals—Dec. 11, 1934. Board denied gas station in residence district, under section 21, Cal. No. 238-34-BZ; Premises 480-492 Hemlock street, N.W. cor. Conduit blvd., Brooklyn. Mr. Justice Lockwood sustained Board (N. Y. L. J. June 13, 1935).

* * *

1525 Myrtle Ave. Realty Co. vs. Murdock—Nov. 28, 1933. Board denied extension of existing gas station from unrestricted to business district, under sections 7b and 21; Cal. No. 233-33-BZ. Premises 1517-1543 Myrtle ave., Brooklyn. Mr. Justice Hallinan dismissed certiorari (N. Y. L. J. Dec. 15, 1934). Appellate Division reversed Board. (N. Y. L. J. June 15, 1935).

* * *

Matter of Karron & Lieberman, Inc. (Murdock ap.)—Oct. 23, 1934. Board denied gas station in business district (Board having previously denied similar application for larger plot at same location), Cal. No. 73-34-BZ. Premises 1140-1158 McDonald ave., Brooklyn. Mr. Justice Dodd reversed the Board (N. Y. L. J. Jan. 14, 1935). Appellate Division affirmed order of Special Term and reversed Board (N. Y. L. J. June 15, 1935).

* * *

Matter of Jacob Morganthaler—Oct. 30, 1934. Board denied gas station in business district under section 21, Cal. No. 227-34-BZ; Premises S.E. cor. Queens blvd. and 51st st., Elmhurst. On reargument Mr. Justice Steinbrink sustained Board citing Arseekay Syndicate vs. Murdock. (N. Y. L. J. June 15, 1935).

CALENDAR

Feinman vs. Murdock—Oct. 30, 1934, Board denied motor vehicle repair shop in business district, under section 21, Cal. No. 126-34-BZ, Premises 609 Snediker ave., Brooklyn. Mr. Justice Lockwood sustained Board (N. Y. L. J. June 17, 1935).

* * *

Ginsberg vs. Murdock—March 12, 1935, Board denied gas station in business district, under section 21, Cal. No. 359-34-BZ, Premises S. E. cor. Kissena blvd. and Cherry ave., Flushing. Mr. Justice Lockwood sustained Board (N. Y. L. J. June 17, 1935).

* * *

In re Samuel Rubin & Son., Inc. (Murdock)—Feb. 5, 1935, Board denied application to convert part of basement and 1st story of apartment house to business use, in a residence district, under sections 7c and 21; Cal. No. 116-30-BZ; Premises 1401 Grand Concourse S. W. cor. E. 170th st., Bronx. Mr. Justice McGeehan sustained Board (N. Y. L. J. June 18, 1935).

CALL OF CLERK'S CALENDAR MONDAY, JUNE 24, 1935, AT 2 P. M.

Building Zone Cases.

2-35-BZ.

APPLICANT—Jacob Lubroth, for Mipan Property, Inc., owner.

PREMISES—5313-5323 Avenue D and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop.

79-35-BZ.

APPLICANT—Patrick Filomio, for Filomio Building Corp., owner.

PREMISES—3223 Laconia avenue, west side, 81.41 feet north of Boston road (Block No. 4613, Lot No. 54), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop.

95-35-BZ.

APPLICANT—Frank V. Laspia, for Stanley Gorski, owner.

PREMISES—423 Barbey street, east side, 150 feet north of Belmont avenue (Block No. 4013, Lot No. 3), Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a residence district the change of occupancy of an existing building (located on the rear of the lot) to a knitting mill.

104-35-BZ.

APPLICANT—Lama and Proskauer, for Angelino Agostino, owner.

PREMISES—5809-5813 Bay Parkway, east side, 80 feet 8 $\frac{3}{8}$ inches north of 59th street (Block No. 6547, Lot Nos. 5 and 7), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in an unrestricted district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station.

JUNE 25, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, June 25,*

1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 510-32-BZ—Application of Arthur W. Renander, on behalf of Hermine Weber, owner, reopened May 15, 1934, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 135-15 to 135-23 Rockaway boulevard and 120-32 to 120-38 Van Wyck boulevard, northwest corner (Block No. 2558, Lot Nos. 1 and 3), South Ozone Park, Borough of Queens.

CAL. NO. 86-35-BZ—Application, March 29, 1935, under section 21 of the building zone resolution, of Elias K. Herzog, applicant, on behalf of Frances Foster, owner, to permit in a residence district the alteration and change of occupancy of part of a multiple dwelling to business use (stores); premises 1750 Davidson avenue, southeast corner of West 176th street (Block No. 2861, Lot Nos. 67 and 69), The Bronx.

CAL. NO. 103-35-BZ—Application, April 17, 1935, under section 21 of the building zone resolution, of Michael Levine, applicant, on behalf of Angelo Dell 'Abate and Louis Piccola, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33), Brooklyn.

CAL. NO. 148-35-BZ—Application, June 7, 1935, under sections 7a and 21 of the building zone resolution, of John Harold Barry, applicant, on behalf of 170 Dyckman Street Corporation, owner, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of a garage (previously granted by the board) to a retail department store; premises 168-170 Dyckman street, west side 100 ft. north of Sherman avenue (Block No. 2175, Lot No. 70), Manhattan.

CAL. NO. 61-35-BZ—Application, March 8, 1935, under section 21 of the building zone resolution, of W. H. Harrington, applicant, on behalf of Joseph L. Fries Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JUNE 25, 1935, 2 P. M.

Appeals from Administrative Orders.

72-35-A—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Manhattan.

CALENDAR

18-35-A—900-910 Jamaica avenue and 5-9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, June 25, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 243-34-BZ—Application, August 20, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of A. R. Olson Bldg. Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 2909-2917 86th street and 525-535 Van Sicklen street, northeast corner (Block No. 7169, Lot No. 28), Borough of Brooklyn.

CAL. NO. 222-34-BZ—Application, August 2, 1934, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Meyer Werman, owner, to permit in a business district the erection and maintenance of a gasoline service station (laid over for a full vote of the board October 30, 1934; restored to active Calendar May 14, 1935); premises southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Borough of Queens.

CAL. NO. 100-34-BZ—Application of Samuels and Samuels, on behalf of Kariene Burke, owner, reopened June 4, 1935 for consideration of an amendment to the resolution of July 3, 1934 as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 138-50 Jamaica avenue and 89-11 138th place, south east corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

CAL. NO. 73-35-BZ—Application, March 14, 1935, under section 21 of the building zone resolution, of Max Hausle, applicant, on behalf of Mary Entenmann, owner, to permit in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop; premises 1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

CAL. NO. 492-29-BZ—Application of Charles Schaefer, Jr., on behalf of Theobald Bros. Corporation, owner, reopened December 11, 1934, under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores); premises 2183-2185 Grand concourse, west side, 154.94 ft. south of East 182nd street (Block No. 3162, Lot No. 30), The Bronx.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, JULY 1, 1935, AT 2 P. M.

Building Zone Cases.

362-34-BZ

APPLICANT—Abraham N. Horwitz, for 1230 Jerome Avenue Corp., owner.

PREMISES—1230-1234 Jerome avenue, east side, 165 feet 6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened April 30, 1935),

TO PERMIT in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

81-35-BZ

APPLICANT—R. T. Schaefer, for Jesse Abrams, owner.

PREMISES—2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

APPLICATION, under sections 7g and 21 of the building zone resolution.

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station.

120-35-BZ

APPLICANT—Maxwell A. Cantor, for Andon E. Andon, owner.

PREMISES—63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

137-35-BZ

APPLICANT—Samuel Rosenblum, for Emigrant Industrial Savings Bank, owner.

PREMISES—113-123 West 51st street and 112-118 West 52nd street (Block No. 1004, Lot Nos. 19-23 and 41-44), Manhattan.

APPLICATION, under section 21 of the building zone resolution.

CALENDAR

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

JULY 2, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, July 2, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 106-35-BZ—Application, April 22, 1935, under section 21 of the building zone resolution, of Fertig, Walter and Gottesman, applicants, on behalf of Michael Tuch, owner, to permit in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.); premises 153-14 90th avenue, south side, 100.08 feet east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

CAL. NO. 115-35-BZ—Application, May 3, 1935, under sections 7c and 21 of the building zone resolution, of Eugene De Rosa, applicant, on behalf of Amsterdam Apartments, Inc., owner, to permit partly in a business district and partly in a residence district, the erection and maintenance of a building to be used as a motion picture theatre, stores and offices; premises 361-363 West 23rd street, north side, 150 feet $1\frac{1}{8}$ inches east of 9th avenue and between 346-348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

CAL. NO. 567-32-BZ—Application of Raymond B. Stringham, on behalf of A. C. & H. M. Hall Realty Company, owner, reopened May 14, 1935, under section 21 of the building zone resolution, to permit the amendment of a resolution, granting in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles, so as to include an additional vehicular driveway and also, the alteration and change of occupancy of part of said garage to include a gasoline service station; premises 3320-3338 Broadway, east side, from West 134th to West 135th streets (Block No. 1988, Lot No. 1), Manhattan.

CAL. NO. 150-35-BZ—Application, June 11, 1935, under section 21 of the building zone resolution, of Walter C. Martin, applicant, on behalf of Board of Education, city of New York, owner, to permit in a residence use and also "E" area district the erection of the street wall of a building, less than ten (10) feet from the building line; premises 4001-4023 Fillmore avenue, 1837-1883 Kimball street and 1838-1884 Coleman street (Block No. 8484, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JULY 2, 1935, 2 P. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, July 2, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 401-31-BZ—Application of Apperson Realty Corp., owner, reopened June 11, 1935, for amendment and extension of time—re application, under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 1-19 Fifth avenue, 622-628 Atlantic avenue and 623-627 Pacific street (Block No. 1119, Lot No. 1), Brooklyn.

CAL. NO. 27-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Bertha Schrank, owner, to permit in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station; premises 3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

CAL. NO. 110-35-BZ—Application, April 25, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of 2210 Grand Concourse, Inc., owner, to permit in a residence district the erection and maintenance of a business building (stores); premises 2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), The Bronx.

CAL. NO. 431-31-BZ—Application of Anna Segall, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362, Lot No. 1), Brooklyn.

CAL. NO. 556-26-BZ—Application of John F. Meehan, for Avoncel Realty Co., owner, reopened June 19, 1934, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; a previous application on these premises to permit the erection and maintenance of more than five (5) individual garages and also a gasoline service station was denied by the Board (laid over for a full vote of the Board October 30, 1934; restored to active Calendar June 18, 1935); Premises 501

CALENDAR

West 180th street and 2418 Amsterdam avenue, northwest corner (Block No. 2152, part of Lot Nos. 82, 83, 84 and 85), Manhattan.

HARRIS H. MURDOCK, *chairman*.

CALL OF CLERK'S CALENDAR MONDAY, JULY 8, 1935, AT 2 P. M.

Building Zone Cases.

101-32-BZ.

APPLICANT—Joseph Schafran, for Thema Rosen, owner.
PREMISES—2871 Bailey avenue, west side, 182.28 feet south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages.

105-35-BZ.

APPLICANT—William Kaufman, owner.

PREMISES—50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

APPLICATION, under sections 7-B and 21 of the building zone resolution,

TO PERMIT the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot.

..

533-28-BZ.

APPLICANT—Eugene De Rosa, for 2291 Realty Corporation, owner.

PREMISES—2255-2291 Grand Concourse, west side, 93 feet south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened May 21, 1935),

TO PERMIT in a residence district the erection and maintenance of a business building (theatre, stores and restaurant).

JULY 9, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, July 9, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 107-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of Scacchetti & Siegel, applicants, on behalf of the Estate of Julian Ismay Jones, infant, owner; Mary Ismay Sullivan, general guardian, to permit upon a plot of ground located partly in an unrestricted district and partly in a business district the erection and maintenance of a building to be used as a garage for more

than five (5) motor vehicles and motor vehicle repair shop and, also, a gasoline service station; premises 1301-1305 Jerome avenue and 1-9 West Clarke place, northwest corner (Block No. 2856, Lot Nos. 60 and 63), The Bronx.

CAL. NO. 116-35-BZ—Application, May 7, 1935, under section 21 of the building zone resolution, of Andrew F. Weber, applicant, on behalf of Ann H. Draper, owner, to permit in a residence district the alteration and change of occupancy of part of an existing dwelling so as to include a business use (undertaking establishment); premises 103-44 Springfield boulevard, northwest corner of Hollis avenue (Block No. 2008, Lot No. 22A), Queens Village, Borough of Queens.

CAL. NO. 641-30-BZ—Application of Michael Shanley, on behalf of 2508 Broadway, Inc., owner, reopened April 23, 1935, under sections 7f and 21 of the building zone resolution, to permit partly in a business use district and partly in a residence use district, the maintenance of a gasoline service station for a further period of two (2) years; premises South side of Hillside avenue, 41 feet east of 207th street (Block No. 1508, Lot Nos. 3, 4 and 5), Queens Village, Borough of Queens.

CAL. NO. 203-33-BZ—Application of Lama and Proskauer, on behalf of Borden's Farm Products Co., Inc., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; (previously withdrawn); premises 365-379 Fourth avenue, east side, 20 feet north of 6th street (Block No. 987, part of lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *chairman*.

JULY 9, 1935, 2 P. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, July 9, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 334-29-BZ—Application of Walter H. Volckenring, on behalf of Famous Red Ash Coal Co., lessee (21 year lease), reopened June 18, 1935 for consideration of an amendment to resolution to permit the erection of a portion of the required fence of wood instead of masonry—re application, granted, under section 21 of the building zone resolution, permitting in a residence district the extension and addition to an existing use—coal pockets and business building; premises 1876-1878 50th street, south side 100 feet west of 19th avenue and 1853-1877 51st street, north side, 100 feet west

CALENDAR

of 19th avenue (Block No. 5461, Lot No. 36), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

JULY 16, 1935, 10 A. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, July 16, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 1066-25-BZ—Application of Roland Lievendag,

owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the alteration of a garage for more than five (5) motor vehicles (with permit for sale of gasoline), which was granted by the board on March 30, 1926 (and extended into the residence district under Cal. No. 74-28-BZ), so as to form an alcove gasoline service station; premises Northwest corner of 46th avenue (Queens avenue) and 164th street (24th street); (Block No. 5442, Lot No. 81), Flushing, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY MORNING, JUNE 18, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum.

BUILDING ZONE CASES

61-35-BZ.

APPLICANT—W. H. Harrington, for Jos. L. Fries Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

APPEARANCES—

For Applicant: None.

For Opposition: Samuel Jacobs.

ACTION OF BOARD—Laid over to July 25, 1935, at 10 A. M., on written request of applicant.

27-35-BZ.

APPLICANT—John J. Dunnigan, for Bertha Schrank, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station.

PREMISES AFFECTED—3618-3640 Bailey avenue, east side, 100 feet south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

APPEARANCES—

For Applicant: John J. Dunningan, Sanford M. Schrank, Clarence H. Hearne.

For Opposition: S. Weinverter, Irving Rozen, Mary A. Ventarola, Lucia Cappelli, Alex. Cappelli, Lillian Cassese, K. Helgersen, Charles D. Hallock, Jr., Mary O'Leary.

ACTION OF BOARD—Laid over to July 2, 1935, at 2 P. M., for report of committee on inspection. No further argument.

110-35-BZ.

APPLICANT—Scacchetti & Siegel, for 2210 Grand Concourse, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a business building (stores).

PREMISES AFFECTED—2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), The Bronx.

APPEARANCES—

For Applicant: Max Siegel.

For Opposition: None.

ACTION OF BOARD—Laid over to July 2, 1935, at 2 P. M., for applicant to file additional data.

431-31-BZ.

APPLICANT—Anna Segall, present owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to Calendar March 26, 1935).

PREMISES AFFECTED—2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Archie H. Samuels.

For Opposition: John J. Ott, Wm. L. Hoff, Rose A. Breman, W. J. Cosgrove, Rinaldo Maggiolo and others.

ACTION OF BOARD—Laid over to July 2, 1935, at 2 P. M., for report of committee on inspection. No further argument.

556-26-BZ.

APPLICANT—John F. Meehan, for Avoncel Realty Co., owner.

SUBJECT—Application for restoration to the active Calendar, previously laid over for a full vote of the board—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—501 West 180th street and 2418 Amsterdam avenue, northwest corner (Block No. 2152, part of Lot Nos. 82, 83, 84 and 85), Manhattan.

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APPEARANCES—

For Applicant: John F. Meehan.

ACTION OF BOARD—Application restored to active calendar and set for determination on July 2, 1935, at 2. P. M.

THE VOTE TO RESTORE TO CALENDAR:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

APPEAL FROM ADMINISTRATIVE ORDER

253-33-A.

APPELLANT—Randolph H. Almiroty, for Bleecker Realty Co., Inc., owner.

SUBJECT—Application for reopening—amendment—re Appeal from orders of the fire commissioner and decisions of the commissioner of buildings.

PREMISES AFFECTED—54-56 Bleecker street (Block No. 522, Lot No. 32), Manhattan.

APPEARANCES—

For Appellant: Randolph H. Almiroty.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(253-33-A)

WHEREAS this appeal affecting premises 54-56 Bleecker street (Block No. 522, Lot No. 32), Borough of Manhattan, was granted by the board December 15, 1933, on certain conditions and appellant requested an amendment of the resolution.

Resolved, that the resolution adopted by the board on December 15, 1933 be and it hereby is *amended*, so that as amended the word "and" between "automatic" and "that the high-low alarm" be changed to "or", so that as amended that portion of the resolution will read:

"on condition that the filling pump shall be made automatic or that a high-low alarm shall be furnished and maintained in accordance with the requirements of the standpipe-fireline rules; that other than as amended herein the resolution adopted on December 15, 1933 shall be complied with in all respects."

Adjourned, 12:40 P. M.

EDWARD V. BARTON, *Chief Clerk*.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, JUNE 18, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, June 11, 1935 and the minutes of the regular meeting of the board held on Tuesday afternoon, June 11, 1935, were approved as printed in Bulletin No. 25, Vol. XX.

BUILDING ZONE CASES

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

SUBJECT—Application for reopening—reconstruction under new proposition—re (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—Southeast corner of Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

31-33-BZ.

APPLICANT—John J. M. O'Shea, for Denis P. Healy, owner.

SUBJECT—Application for reopening—amendment—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting partly in a residence district and partly in a business district, the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—610-622 Utica avenue, northwest corner of Winthrop street (Block No. 4603, Lot Nos. 40 and 43), Brooklyn.

APPEARANCES—

For Applicant: John J. M. O'Shea and Denis P. Healy.

ACTION OF BOARD—Application reopened subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

334-29-BZ.

APPLICANT—Walter H. Volckening, for Famous Red Ash Coal Co., lessee (21 year lease).

SUBJECT—Application for reopening—amendment—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a residence district the extension and addition to an existing use—coal pockets and business building.

PREMISES AFFECTED—1876-1878 50th street, south side, 100 feet west of 19th avenue and 1853-1877 51st street, north side, 100 feet west of 19th avenue (Block No. 5461, Lot No. 36), Brooklyn.

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APPEARANCES—

For Applicant: Walter H. Volckening.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing, July 9, 1935 at 2 P. M.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

636-20-BZ.

APPLICANT—Michael Marlo, for Constant Motor Service Corp, owner.

SUBJECT—Request for reopening—amendment—re application (decision of the superintendent of buildings) permitting in a business district the erection of a public garage.

PREMISES AFFECTED—6502-6520 5th avenue, northwest corner of 66th street (Block No. 5827, Lot No. 27), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Request for reopening, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

485-28-BZ.

APPLICANT—Henry Lichtig, for Service Garage, Incorporated, owners.

SUBJECT—Application—amendment—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution to permit in a business district the alteration and change of occupancy of a portion on an existing garage for more than five (5) motor vehicles (previously granted by the board) so as to include a gasoline service station.

PREMISES AFFECTED—3561-3567 White Plains road and 670 East 213th street, southwest corner (Block No. 4643, Lot No. 36), The Bronx.

APPEARANCES—

For Applicant: Henry Lichtig.

For Opposition: None.

ACTION OF BOARD—Resolution amended

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(485-28-BZ)

WHEREAS this application affecting premises 3561-3567 White Plains road and 670 East 213th street southwest corner (Block No. 4643, Lot No. 36), The Bronx, was granted by the board January 15, 1929, permitting partly in a business use district and partly in a residence use district the erection and maintenance of a garage for more than five (5) motor vehicles, on certain conditions and plans were later approved showing the building set back from the building line; and

WHEREAS, present owner requests a reopening of the case and an amendment of the resolution to permit on the space between the front wall of the building and the building line, a gasoline service station; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular

meeting, June 18, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the decision of the commissioner of buildings, rendered May 22, 1935, re Alt. application No. 267-1935, reads:

"1. Proposed alteration and change of occupancy of existing garage for storage of more than five motor vehicles in business district to garage and gasoline service station is contrary to provisions of building zone resolution."

and

WHEREAS, the board deemed that the applicant had substantiated his basis of appeal under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on January 15, 1929 by adding thereto the following:

"... that in the event the owner desires to set the building back from the building line approximately 17 feet at the southerly end and approximately 21 feet at the northerly end and to cement this portion as a gasoline selling area, gasoline pumps may be erected on condition that they are installed not less than 10 feet from the building line and also that there shall be erected along the 213th street building line for a distance of not less than 18 feet a masonry wall at least 3 feet higher than the gasoline selling area; that other than as permitted in this amended resolution, the resolution adopted by the board on January 15, 1929, shall be complied with."

74-35-BZ.

APPLICANT—Charles B. Meyers, for Zex Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station.

PREMISES AFFECTED—2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Brooklyn.

APPEARANCES—

For Applicant: George L. Wills and William Bernstein.

For Opposition: Jeanette Miseorvack, Anna Troisi, Josephine A. Claudius and Louis Sterngo.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(74-35-BZ)

WHEREAS, Charles B. Meyers, for Zex Realty Corp., owner, filed March 15, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also a gasoline service station; premises: 2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot 3), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 18, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Flatbush avenue is in business, unrestricted, and undetermined districts; Avenue U is in business, unrestricted and undetermined districts; East

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52nd street is in residence and business districts and Amersfort avenue is in residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered March 4, 1935, re application No. 436-1935, reads:

"Proposed public garage for more than five motor vehicles and a gasoline service station to be located in a business use district are contrary to article II, section 4A of zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 157 feet on Avenue U, 79.4 feet on Flatbush avenue and 24.8 feet on Amersfort avenue. It is proposed to erect upon the East portion of the Avenue U frontage of the plot a one story garage for more than five (5) motor vehicles, having a frontage of 99 feet 10 inches on Avenue U and a depth of 100 feet; proposes to use the remainder of the plot having a frontage of 57 feet 2 inches on Avenue U as a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION

Cal. No. 74-35-BZ;

Premises—2475-2481 Flatbush avenue.

N. E. corner Avenue U, (Block No. 8543,

Lot No. 3), Brooklyn.

The site is in a business district. Opposite the area is unrestricted. Diagonally the area is undetermined. The business use is on both sides of Flatbush avenue for a depth of 100 feet to the rear of which are areas zoned for residence use. Amersfort avenue, an extension of East 53rd street is not yet constructed, but is planned to meet Flatbush avenue at an angle and which will take a small corner of this plot under appeal. The entire block on Flatbush avenue from Avenue T to Avenue U is generally vacant. In the centre of that block is the loop terminus of the street car line and there are two small store buildings at the loop. Opposite the site is a gasoline station erected prior to the prohibiting amendment of 1925. Therefore, of the four corners, the site under appeal is the only one where a gasoline station is not permissible. It is true that diagonally opposite there is a store building and other small business uses, but any use can be carried on there because the area is non-zoned. On these facts there is hardship because of the discrimination against this corner in favor of the other three similarly situated.

This plot was purchased in 1925, when the zone was unrestricted, for a gasoline station and garage. A permit was obtained from the bureau of buildings and renewed from year to year but renewal was denied in 1930 after the area was rezoned to business use. Permission is now sought to restore the permit for the intended use under section 21. It is a hardship, in view of the privileges the other three corners enjoy—viz., the existing gasoline station and the lack of restriction as to the other two corners—not to permit a similar privilege here, after the efforts made to obtain that use and which were frustrated by the change of zone. While Flatbush avenue is a main thoroughfare, this point is at the end of development. Below are low lying swamp areas which may be reclaimed in part by the proposed park. Floyd Bennett Air Port is further to the East. It cannot be expected that sufficient business could be obtained from this easterly area to ensure a reasonable return from any conforming use. To the West there is a block of private houses on East 52nd street and others beyond, the occupants of which more naturally would go to Avenue T and other streets westerly for transportation and trade.

The board has recognized previously that the block containing the car loop and two existing gasoline stations presents certain hardships upon owners of that frontage. The board has drawn the line by denying a gasoline station permit on the westerly side of Avenue T under Calendar No. 374-33-BZ.

This owner has a tremendous investment in this plot under appeal, totalling \$108,000 including original cost in 1925 plus taxes, interest and assessments paid and accrued. He is facing foreclosure. While the courts have said that a zoning variation may not be permitted to obtain a greater return from a nonconforming use, here is a plot with no prospect of any return from a conforming use. The absence of sewer facilities makes a multiple dwelling impossible under the law. The business, such as it is, in the neighborhood is of a seasonal nature. The courts have said that an owner is entitled to obtain a reasonable return but cannot be given a special privilege that will cause hardship to others. That cannot be caused here. In fact, in the opinion of the committee which inspected this plot on June 6, the proposed use will harm no one and in granting the appeal substantial justice will be done. In requiring walls to be erected, every possible objection from those who as residents of the private houses on 52nd street oppose the application should be met. They may object, as was stated at the hearing, to facing a brick wall, but a building of any kind would require a wall and it might be pointed out that at the time they purchased their homes, the unwallled gasoline stations existed at Avenue T and at Avenue U, both in view and substantially the same distance away as the one proposed. While the owner of the store building in the undetermined zone has objected, the committee considers that his objection should not be given great weight inasmuch as he is unhampered by restriction of any kind. Since the court action in the case of Garden Estates vs. Murdock, Cal. No. 357-32-BZ, the board has required that all owners within the area whether in unrestricted or undetermined zones be notified, but it is questionable how much weight should be given to objections of such owners who enjoy a freedom from restriction that is denied others.

The committee questions the feasibility of the proposed garage and recommends that, in permitting the proposed garage and gasoline station, it allow the garage to be deferred, provided enclosing walls are constructed for the gasoline station and that planting be maintained, also that the pumps be of masonry pedestal type and set back at least fifteen feet from the building line.

The committee finds that hardship exists and that to grant the appeal with the conditions recommended will be proper transition zoning and recommend that the appeal be granted.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the granting of this application and the board deemed that applicant had substantiated his bases of appeal under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted under such conditions* as the board deems desirable to impose after complete working drawings are submitted for approval *on condition* that such working drawings shall be submitted within three (3) months from the date of this action.

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8-33-BZ.

APPLICANT—Gustave Goldman, for Melvin L. Krulwich, owner.

SUBJECT—Application for reopening—amendment—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station

PREMISES AFFECTED—184-39 Jamaica avenue (Block No. 971, Lot No. 38), Hollis, Borough of Queens.

APPEARANCES—

For Applicant: Gustave Goldman.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(8-33-BZ)

WHEREAS, this application affecting premises 184-39 Jamaica avenue (Block No. 971, Lot No. 38), Hollis, Borough of Queens, was granted by the board May 23, 1933, on certain conditions and owner requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on May 23, 1933, only so far as it has reference to signs so that as amended this portion of the resolution shall read:

"... that advertising signs shall be limited to electric globes of gasoline pumps and to flat signs placed against the fronts of accessory buildings or against brick wall, excluding all signs of a temporary nature, and permitting the erection of one post standard erected within the building line to carry an illuminated electric sign advertising only the brand of gasoline on sale, provided that such sign shall not overhang the building line in excess of 8 feet; and that other than as amended herein the resolution adopted by the board on May 23, 1933, shall be complied with in all respects."

404-31-BZ.

APPLICANT—Ferdinand Savignano, for Aljon Realty Company, Inc., owner.

SUBJECT—Application for reopening—amendment—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Brooklyn.

APPEARANCES—

For Applicant: Arnold Lederer.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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Negative	0
Absent	0

THE RESOLUTION—

(404-31-BZ)

WHEREAS, this application affecting premises 6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Borough of Brooklyn, was granted by the board January 29, 1932, on certain conditions, the resolution amended from time to time and applicant requests a further amendment.

Resolved, that the resolution adopted by the board on January 29, 1932, as amended by resolutions adopted May 10, 1932, March 19, 1935 and May 21, 1935, be and it hereby is amended that in the event that the owner desires to use the existing five (5) car garage which was constructed prior to the gasoline service station and was a permitted use in a business district, so as to also maintain a battery service, that such additional use may be carried on without being in conflict with the terms of this resolution, on condition that no repairing of motor vehicles shall be carried on; that the sign advertising such battery service shall be a neat sign not exceeding 2 feet 6 inches by 5 feet, attached to the front of the existing garage building; that nothing herein contained shall otherwise modify the resolution adopted by the board on January 29, 1932, as amended by resolutions adopted May 10, 1932, March 19, 1935, and May 21, 1935.

98-30-BZ.

APPLICANT—Colonial Beacon Oil Co., Inc., owner.

SUBJECT—Application for reopening—extension of time—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1180-1188 Myrtle avenue and 664-668 Bushwick avenue, southwest corner (Block No. 3194, Lot No. 24), Brooklyn.

APPEARANCES—

For Applicant: Joseph Lynch.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0
Negative	0

THE VOTE TO EXTEND TIME:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(98-30-BZ)

WHEREAS, this application affecting premises 1180-1188 Myrtle avenue and 664-668 Bushwick avenue, southwest corner (Block No. 3194, Lot No. 24), Borough of Brooklyn, was granted by the board July 18, 1933, on certain conditions; amended January 23, 1934, and time extended October 23, 1934, amended March 5, 1935, and March 26, 1935, and owner requested a further extension of time.

Resolved, that the resolution adopted by the board on March 5, 1935, as amended by resolution adopted on March 26, 1935, be and it hereby is amended, only so far as it has reference to obtaining permits and completing work, so that as amended this portion of the resolution will read:

"that approval of the plans by the commissioner of buildings shall be obtained within two months and all work completed within nine months from the date of this amended action, on condition that other than as amended herein, the resolution adopted March 5, 1935.

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as amended by resolution adopted March 26, 1935, shall be complied with in all other respects."

289-29-BZ.

APPLICANT—Raphael A. Egan, for Edward R. Whittingham, owner.

SUBJECT—Application for reopening—rescindment—re application (decision of the superintendent of buildings) under sections 7g and 21 of the building zone resolution, permitting in a residence district the alteration and change of occupancy of the first story from residence to business purposes.

PREMISES AFFECTED—21 Fifth avenue and 2 East 9th street, southeast corner (Block No. 566, Lot No. 8), Manhattan.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened and resolution of June 4, 1929 rescinded.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO RESCIND RESOLUTION OF JUNE 4, 1929:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(289-29-BZ)

WHEREAS, Raphael A. Egan, for Edward R. Whittingham, owner, filed, April 26, 1929, an application, under the building zone resolution, to permit in a residence district the alteration and change of occupancy of the first story from residence to business purposes; premises 21 Fifth avenue and 2 East 9th street, southeast corner, Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 4, 1929, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 9th street, Fifth avenue and 8th street are all in a residence district; and

WHEREAS, the decision of the superintendent of buildings, rendered April 11, 1929 (re Alt. application No. 667-1929), reads:

"1. The location of a business in a residence district is unlawful. Zoning resolution, article II."; and

WHEREAS, the existing building is of non-fireproof construction, four stories in height, with a frontage of 26 feet and a depth of 100 feet; occupied as a dwelling; it is proposed to alter the two lower stories of this building into one story and mezzanine for occupancy as a bank; and

WHEREAS, the board deemed that the application was justified under section 719 of the charter and the board was authorized to adjust in order that substantial justice shall be done as provided in section 21 of the building zone resolution, and the question of an inconspicuous non-conforming use was established in the case of Anderson vs. Walsh and therefore adopted the following resolution June 4, 1929:

"Resolved, that the Board of Standards and appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, only so far as it affects the street grade and basement, and that the application be and it hereby is granted on condition that the proposed variation shall be restricted to the first floor and

basement of these premises; that the use, conduct and operation of the premises shall be restricted to a national bank and trust company chartered by the United States Government, to be tenanted and conducted by the Washington Square National Bank of New York; that the remainder of the premises above the first story shall be restricted to conforming residential area use and occupancy; that the finished design shall be restricted substantially to drawings of facade submitted in this appeal that there shall be no signs displayed on the premises, other than one metal wall panel located at the front pier of the premises on Fifth avenue and 9th street; that all permits required shall be obtained within six months and any work involved shall be completed within one year from the date of this action, and that architect shall make a return of the drawings for approval to this board before submission to the superintendent of buildings"; and

WHEREAS, this case was the subject of a review by the court and the action of the board was annulled and reversed.

Resolved, that the above resolution adopted June 4, 1929, and all subsequent amendments and changes therein be and they hereby are rescinded.

509-20-BZ.

APPLICANT—Henry J. Nurick, for Ben Beyer Realty Corp., owner.

SUBJECT—Application for reopening—amendment and approval of plans—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the alteration and installation of a gasoline service station in an existing garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1201-1219 Coney Island avenue, east side, 240 feet north of Avenue I (Block No. 6695, Lot Nos. 61 and 66), Brooklyn.

APPEARANCES—

For Applicant: Sidney Kitzler.

ACTION OF BOARD—Application reopened, resolution amended and plans approved.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION AND APPROVE PLANS:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(509-20-BZ)

WHEREAS, this application affecting premises 1201-1219 Coney Island avenue, east side, 240 feet north of Avenue I (Block No. 6695, Lot Nos. 61 and 66), Borough of Brooklyn, was granted by this board December 19, 1933, on certain conditions, time extended May 29, 1934, resolution amended and plans approved March 5, 1935, and applicant requests a further amendment of the resolution and approval of plans.

Resolved, that this resolution adopted by the board on December 19, 1933, as amended by resolution adopted March 5, 1935, be and hereby is amended, and that the plans submitted, marked "received June 5, 1935" be and hereby are approved, as complying with the resolution, permitting the following:

"that in lieu of fireproof sash in the window openings in the gasoline selling alcove, that pivoted ventilating sections may be used, on condition that they shall be constructed of fireproof material and glazed with wire

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glass; that the building line curb may be 5 inches in height with rounded top; that the greasing area may be 30 feet in width instead of 25 feet, as originally shown; that an accessory and showroom space may be constructed at the south end of the gasoline selling alcove; that the plans submitted are herewith *approved*, as complying with the resolution as herein amended."

44-35-BZ.

APPLICANT—Kennedy and Ellner, for Henry A. Bonori, owner.

SUBJECT—Application for amendment of resolution and approval of plans.

PREMISES AFFECTED—46-03 Laurel Hill boulevard, northeast corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens.

APPEARANCES—

For Applicant: Clarence Leventhal.

ACTION OF BOARD—Application reopened, resolution amended and plans approved.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION AND APPROVE PLANS:

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(44-35-BZ)

WHEREAS, this application affecting premises 46-03 Laurel Hill boulevard, north east corner of 46th street (Block No. 2296, Lot No. 1), Woodside, Borough of Queens, was granted by the board May 21, 1935, on certain conditions and applicant requested an amendment of the resolution and approval of plans.

Resolved, that the resolution adopted by the board on May 21, 1935, be and it hereby is *amended*, by adding the following:

"Be it further resolved that the plans marked 'received June 7, 1935' be *approved on condition* that there shall be a space 20 feet in width left vacant and unbuilt upon unless built up with a conforming use at the rear of the plot and during the time that such plot is vacant there shall be a wood picket fence constructed for the full width of 20 feet on the 46th street building line; that the accessory building shall be constructed of incombustible materials, except that the roof beams, roof boarding, door frames and doors, window frames and sash may be of wood, provided the ceiling throughout is fire-retarded in accordance with the rules of the Board of Standards and Appeals and roof weather surfacing is of non-inflammable material; that this building shall not exceed one-story in height and shall occupy the full width of the plot, as indicated; that there shall be no open excavation under this building except the pits for the greasing racks; that the front of the greasing rack section shall be open; that there shall be no windows on the rear wall to the north, except a window not over 2 feet in width for ventilation of boiler room; that the balance of the plot to the south of the accessory building shall be cement paved and substantially at the level of Laurel Hill boulevard and 46th street; that there shall be erected along the westerly building line from the accessory building to Laurel Hill boulevard, a brick wall 4 feet in height for a distance of approximately 30 feet and from that point to Laurel Hill boulevard there shall be erected a brick wall 2 feet in height with a wood picket fence on top of same to a height of 2 feet; that a similar wall, consisting of a

brick wall 2 feet in height and picket fence 2 feet in height shall be erected along the 46th street building line from the corner of the accessory building to a point 30 feet from the corner formed by the intersection of 46th street and Laurel Hill boulevard; that elsewhere there shall be erected on the street building lines, a reinforced concrete curb not less than 5 inches in height with curved top and not less than 12 inches in width, with not over two openings therein to Laurel Hill boulevard and one to 46th street, no opening to exceed 25 feet in width and no part of the opening to be nearer than 2 feet from the interior lot line to the east nor nearer than 5 feet to the corner formed by the intersection of 46th street and Laurel Hill boulevard; that gasoline pumps erected shall be not nearer than 15 feet to either street building line; that no portable gasoline pumps shall be used on or from the property; that there shall be no motor vehicle repairing carried on and no parking of cars other than those being serviced; that advertising signs shall be limited to the illuminated globes of the pumps and to a flat sign attached to the front of the building, excluding all roof signs and signs of a temporary nature, but permitting one post standard to be erected within the building line near the intersection of the two streets, to carry an illuminated sign advertising only the brand of gasoline sold on the premises and permitting such sign to overhang the building line not over 8 feet; that all permits shall be obtained within six months and all work completed within one year from the date of this amended resolution."

APPEALS FROM ADMINISTRATIVE ORDERS

18-35-A.

APPELLANT—Clarence F. Kaltenbach against Benisch Bros. Inc., owner of premises affected.

SUBJECT—Appeal from a decision of the commissioner of buildings re revocation of certificate of occupancy issued by the commissioner of buildings.

PREMISES AFFECTED—900-910 Jamaica avenue and 5-9 Autumn avenue southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.

APPEARANCES—

For Appellant: Clarence F. Kaltenbach, Sidney R. Snitkin and Gustavus A. Rogers.

For Owner of Premises: John P. McGrath and Charles J. Benisch.

For Administration: Assistant Engineer Benjamin Saltzman of department of buildings.

ACTION OF BOARD—Laid over to June 25, 1935, at 2 P. M., for the filing of briefs by interested parties.

41-35-A

APPELLANT—Choate, Larocque & Mitchell for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

APPEARANCES—

For Appellant: None.

For Owner of Premises: None.

For Administration: Samuel L. Becker of board of buildings.

ACTION OF BOARD—Laid over to June 25, 1935, at 2 P. M., for consideration of briefs submitted.

143-35-A.

APPELLANT—Joseph B. Ferguson, for Nonkwah Realty Corporation, owner.

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SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—247 West 54th street (Block No. 1026, Lot No. 8), Manhattan.

APPEARANCES—

For Appellant: Paul Wolf.

For Administration: Assistant Engineer Samuel L. Becker of department of buildings.

ACTION OF BOARD—Appeal withdrawn to file building zone application.

THE VOTE TO WITHDRAW:

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

90-35-A.

APPELLANT—Ashley T. Cole, for National Carbon Company, Inc.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: Albert J. Snook.

For Opposition: J. G. Fink.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(90-35-A)

WHEREAS, Ashley T. Cole, for National Carbon Company, Inc., filed April 2, 1935, an appeal from an order of the commissioner of buildings affecting premises 30-02 to 30-20 Thomson avenue, south side, running from 30th street to 30th place (Block No. 274, Lot No. 1), Long Island City, Borough of Queens; and

WHEREAS, the order of the commissioner of buildings, dated March 14, 1935, Order No. 239, reads:

"You will please take notice that there exists a violation of the building code at the premises hereinafter described, in that

"Installing new water pipe to all fixtures in toilet room (water closet, urinals and basins) and no permit to build issued by this department.

"Obtain permit and work be installed by licensed plumber.

"You are therefore ordered and directed by me to stop all work in connection with this operation until the law has been complied with.";

and

WHEREAS, the building is of reinforced concrete construction, 7 stories and pent house in height, 200 feet by 301 feet 4 inches in area; OCCUPIED: 1st story, garage; upper stories, tenant factory, total of 877 persons employed; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1914, no certificate of occupancy has been issued; the order of the commissioner of buildings affects four toilet rooms (two on 2nd story and one on each of the 3rd and 5th stories), each toilet room contains 3 to 6 water closets, 2 urinals and 2 to 5 lavatories; the old galvanized hot and cold water branch supply lines became clogged from rust and corrosion, these old branch lines ½ inch to 1½ inches in diameter were replaced by brass piping, in no case does the length of the replacing branch lines exceed fifteen feet,

the work did not include any new vertical lines or horizontal branches of soil, waste, vent or leader pipes; furthermore, the applicant contends that the work done is not subject to the provisions of the building code, does not call for the employment of a licensed plumber under the code or plumbing rules and that no violation of the building code has been committed on the premises; and

WHEREAS, a committee of the board inspected these premises and reported as follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 90-35-A.

Premises—30-02 to 30-20 Thomson avenue (Block No. 274, Lot No. 1), Long Island City, Queens.

This appeal is from an order of the commissioner of buildings requiring a permit to be obtained to install new water pipe and the work to be installed by a licensed plumber. No permit was obtained and the work has been done by an employee of the owner not a licensed plumber. The applicant claims that under rules 5 and 9 of the Rules for Plumbing Drainage and Water Supply of Buildings, the proposed repairs can be made without applying for a permit or filing drawings or description of the work or employing a licensed plumber inasmuch as the work did not involve "new vertical lines or horizontal branches of soil, waste, vent or leader pipes."

When inspected by a committee of the board on April 18, 1935, the work was substantially completed. In several general toilet rooms in this industrial building all the galvanized iron cold and hot water branches from the vertical mains to the fixtures which included toilets, urinals and basins, were removed and replaced with brass pipe. The committee was advised that work also included new flushometer valves and tank fittings.

Water lines are an essential part of a plumbing system and subject to the requirements of the law and the Rules of the Board of Standards and Appeals covering Plumbing Drainage, water supply and gas piping and ventilation of buildings.

Charter Section 415 requires that notice of repairs shall be filed as required by the rules and regulations and a permit obtained before work is commenced and that the work shall be performed by a registered plumber. Both the Charter and Rule 5 permit repairs and alteration to be made without filing drawings and descriptions provided such repairs do not include new vertical lines or horizontal branches of soil, waste, vent or leader pipes, but both the Charter and Rule 6 require notice to be filed of such repairs even though the requirement for filing plans is waived.

For the protection of the public health, too much care cannot be exercised to see that plumbing work is properly and legally installed. The purpose of the law and the rules covering not only new work but repair work as well, is to protect the public health and the requirement that work shall be done by a registered plumber is to ensure as far as possible that result.

The applicant makes no reference to this requirement of the Charter and Rule 6 that a notice be filed even though the work involved did not include "new vertical lines, or horizontal branches of soil, waste, vent or leader pipes." It is claimed that the work in question is in the nature of "ordinary repairs" and involved no change in the system but merely consisted of taking out corroded pipes and replacing them with new pipes in the same position; that for years there has been and still is a provision in the building code permitting "ordinary repairs" to plumbing to be done without filing a notice. That provision is found in Chapter V of the Code of Ordinances, Article 1, Section 3, Subdivision 6, and reads:

"*Ordinary Repairs Excepted.* Ordinary repairs to buildings or structures, or to the plumbing and drainage thereof, may be made without notice to the su-

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perintendent of buildings, but such repairs shall not be construed to include the cutting away of any wall or any portion thereof, the removal or cutting of any beams or supports, or the removal, change or closing of any stairway or required means of exit, or the alteration of any house sewer, private sewer or drainage system, or the construction of any soil or waste pipe."

There is ground for the prevalent belief that "ordinary repairs" can be made without filing a notice or employing a licensed plumber. Whether this is legally permissible in view of the charter provisions as reaffirmed in 1933 and without a clear definition of what "ordinary repairs" include (which should be more fully investigated), is an open question, and it is recommended that the corporation counsel be requested to render an opinion as to whether ordinary repairs when defined can be undertaken without notice and without a licensed plumber.

In this case, it is the opinion that the repairs were too extensive to constitute "ordinary repairs" and practically constituted new work.

The committee recommends that this appeal be granted on condition that the required notice be filed and a permit obtained and that the work be certified to by a licensed plumber if found properly and legally installed after inspection by the plumbing inspector and that any work found improperly installed shall be replaced by a licensed plumber.

(Signed) HARRIS H. MURDOCK, *Chairman*.
CHARLES M. BLUM,
BERNARD A. SAVAGE

Committee of Inspection.

Resolved, that the order of the commissioner of buildings, No. 239, dated March 14, 1935, be and it hereby is *modified* and that the appeal be and it hereby is *granted on condition* that the required notice shall be filed with the commissioner of buildings and permit obtained; that the work that has been completed be certified to by a licensed plumber; that all work not completed shall be completed by a licensed plumber and if any work is found improperly installed it shall be replaced by a licensed plumber; and that after completion and certification by a licensed plumber and inspection and approval by a plumbing inspector of the department of buildings, the violation shall be dismissed.

128-35-A.

APPELLANT—John S. Turnbull, for Joseph P. Day, Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.
PREMISES AFFECTED—701 Oriental boulevard, corner of Ocean avenue (Block No. 7517, Lot No. 2020), Manhattan Beach, Brooklyn (Manhattan Beach Baths).

APPEARANCES—

For Appellant: William Harvey Smith and W. P. Whelan.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(128-35-A)

WHEREAS, John S. Turnbull, for Joseph P. Day, Inc., owner, filed May 20, 1935, an appeal from an order of the fire commissioner, affecting premises 701 Oriental boulevard, corner of Ocean avenue (Block No. 7517, Lot No. 2020), Manhattan Beach Baths, Manhattan Beach, Borough of Brooklyn; and

WHEREAS, the order No. 66266-LC of the fire commissioner, dated May 9, 1935 (File No. 62423-11), reads:

"With reference to application dated May 3, 1935, for a permit to store and use 4 drums of chlorine gas in connection with the chlorination of the swimming pools at Manhattan Beach Baths, Oriental boulevard and Ocean avenue, Borough of Brooklyn, I regret to state that I am without power to issue said permit for the following reason:

"1. Subdivision F, Section 214a, Chapter 10, Code of Ordinances, New York, states that no permit shall be issued for the storage or use of liquified chlorine in any building used for a hotel, lodging house, tenement house or dwelling or in any building or enclosure located within 50 feet of the nearest wall of a building occupied as a hospital, school, theatre or other place of public amusement or assembly.

"You are, therefore, ordered to remove all chlorine gas from the premises and discontinue the further storage and use of chlorine gas on said premises."

and

WHEREAS, the premises consist of a large tract upon which is erected numerous one-story buildings and swimming pools, comprising about 26 acres, bounded on the north by Oriental boulevard, on the south by the Atlantic Ocean, known as Manhattan Beach, used as bathing park; and

WHEREAS, the applicant proposes to construct a water-proof concrete pit, 5 feet by 5 feet by 7 feet in height, at the rear and adjacent to the pumping house for the storage of four 100-pound liquefied chlorine tanks used to chlorinate the water of a double swimming pool 20 feet distant; one tank will be in use, connected with a Wallace & Tiernan chlorinator located in the pump house; the other three tanks will be held in reserve; the chlorine tanks will be submerged in water; the concrete pit will be provided with a steel plate cover, a 1-1/4-inch vent pipe to outer air, two sprinkler heads over the tanks with a hand control valve on the outside of pit; the nearest structure is an open frame, sun-shade shed 200 feet distant; furthermore, the applicant contends the chlorinating system has been in use during the past eight years without accidents of any kind.

Resolved, that the order of the fire commissioner, No. 66266-LC, dated May 9, 1935, be and it hereby is *modified* and that the appeal be and it hereby is *granted*, permitting the storage and use of liquified chlorine in connection with the swimming pools on the premises, *on condition* that there shall at no time be more than four (4) cylinders, each containing not over 150 pounds of liquified chlorine on the premises; that these cylinders shall be stored in a fire-proof building and kept completely immersed in water at all times; that the chlorine shall be distributed into the swimming pool water by means of a Wallace & Tiernan or other approved mixing valve; that there shall be four sprinkler heads, one over each cylinder and connected with the water supply system through a pipe not less than 1 1/2-inch diameter with 1/2-inch branches to heads, and controlled by a valve on the exterior of the fireproof enclosure; that the access to this fireproof enclosure shall be by means of a tight-fitting door; that there shall be located in a cabinet attached to the outside of the building and available for immediate use two gas masks, suitable for use with chlorine gas, as approved by the Bureau of Mines; that there shall also be located in the cabinet a First Aid kit; that the installation shall at all times be under the control of a person holding a certificate of fitness issued by the fire commissioner; that while these swimming pools are not in use, the chlorine shall be completely removed from the premises.

129-35-A.

APPELLANT—John S. Turnbull, for Joseph P. Day, Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.
PREMISES AFFECTED—1702 Shore boulevard, corner of Oxford street (also corner of Oriental boulevard

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and Langham street), Manhattan Beach, (Block No. 7517, Lot No. 1460) (Oriental Beach Baths), Brooklyn.

APPEARANCES—

For Appellant: William Harvey Smith and W. P. Whelan.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(129-35-A)

WHEREAS, John S. Turnbull, for Joseph P. Day, Inc., filed May 20, 1935, an appeal from an order of the fire commissioner affecting premises 1702 Shore boulevard, corner Oxford street (also corner Oriental boulevard and Langham street) Manhattan Beach (Block No. 7517, Lot No. 1460) (Oriental Beach Baths), Borough of Brooklyn, and

WHEREAS, the order of the fire commissioner, dated May 9, 1935, Order No. 66267-LC, reads:

"With reference to application dated May 3, 1935, for a permit to store and use 6 drums of chlorine gas in connection with the chlorination of two swimming pools located at Oriental Beach, Oriental boulevard and Langham street, Brooklyn, I regret to state that I am without power to issue said permit for the following reason:

"1. Subdivision F, of Section 214-A, Chapter 10, of the Code of Ordinances, New York, states that no permit shall be issued for the storage or use of liquified chlorine in any building used for a hotel, lodging house, tenement house or dwelling or any building or enclosure located within 50 feet of the nearest wall of a building occupied as a hospital, school, theatre or other place of public amusement or assembly.

"You are, therefore, ordered to remove all chlorine gas from the premises and to discontinue the further storage and use of chlorine gas on said premises."

and

WHEREAS, the premises consist of a large tract upon which are erected numerous one story buildings and swimming pools, comprising about 90 acres, bounded on the north by Oriental boulevard, on the south by the Atlantic Ocean, known as Oriental Beach, used as a bathing park; and

WHEREAS, the applicant proposes to construct a water-proof concrete structure 5 feet by 5 feet by 7 feet in height, the bottom of which extends 3 feet below the cellar floor and located inside the pump house for the storage of four 100 pound liquified chlorine tanks used to chlorinate the water of a double swimming pool adjoining; two tanks will be in use, each connected with a Wallace & Tierman chlorinator, the other two tanks will be held in reserve; the chlorine tanks will be submerged in water, the concrete structure will be provided with a steel plate cover, an overflow pipe, a 1-1/4-inch vent pipe to outer air, two sprinkler heads over the tanks with a hand control valve on the outside of the structure; the nearest structure is an open frame sun-shade shed 200 feet distant, furthermore, the applicant contends the chlorinating system has been in use during the past 5 years without accidents of any kind.

Resolved, that the order of the fire commissioner, No. 66267-LC, dated May 9, 1935, be and it hereby is modified and that the appeal be and it hereby is granted, permitting the storage and use of liquid chlorine on the premises, on condition that at no time shall there be more than six (6) cylinders, each cylinder containing not more than 150 pounds; that these cylinders shall be stored in a fireproof building and kept completely immersed in water at all times; that the

chlorine shall be distributed into the swimming pool water by means of a Wallace & Tiernan or other approved mixing valve; that the access door to this fireproof storage room shall be close-fitting; that there shall be installed a sprinkler head over each tank, fed by a line not less than 2 inches in diameter from the main water supply; that each sprinkler shall be fed by a pipe not less than 1/2 inch in diameter; that the sprinkler shall be controlled by a valve on the exterior of the building; that there shall be installed on the exterior of the building a cabinet containing two gas masks, suitable for use with chlorine gas, as approved by the Bureau of Mines; that there shall also be installed a cabinet containing a first aid kit; that this installation shall at all times be in charge of a person holding a certificate of fitness issued by the fire commissioner; that during the winter, while these swimming pools are not in use, the chlorine shall be completely removed from the premises.

216-34-A.

APPELLANT—George R. Strehan for A. R. Haeuser Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—52-64 Warren street (Block No. 303, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: George R. Strehan, H. C. Krulder and William Schongalla.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum 3
Negative: Assistant Chief Kidney 1
Absent 0

THE RESOLUTION—

(216-34-A)

WHEREAS, Geo. E. Strehan, for A. R. Haeuser Co., lessee, filed July 24, 1934, an appeal from an order of the fire commissioner, affecting premises 52-64 Warren street (Block No. 303, Lot No. 1), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner, dated July 6, 1934, re: order No. 65096-LC, reads:

"With reference to application dated June 27, 1934, requesting a permit for the storage and use of fifteen (15) one ton cylinders of chlorine gas and various other materials to be used in the manufacture of a bleaching preparation at premises 52-64 Warren street, Brooklyn, I regret to state that I am without power to grant such a permit for the reason that the storage of fifteen (15) one ton drums of chlorine gas at the above premises is not in the interest of public safety, and is dangerous to life.

1. You are therefore ordered to remove all chlorine gas from the premises, and to discontinue the further storage of chlorine gas on said premises. The storage of one ton cylinders of chlorine gas creates a dangerous condition and is a violation of section 10, chapter 10."

and

WHEREAS, the building is non-fireproof, two stories (23' 9") in height, 123 feet 8 inches by 100 feet in area; OCCUPIED for the manufacture of shellac, 1st story, 30 persons; 2nd story, 20 persons; located within an unrestricted district; and

WHEREAS, the appellant claims the building was originally erected prior to 1900; due to an alteration, certificate of occupancy was issued July 9, 1932 permitting the present factory use; the chlorine gas storage consists of fifteen (15) one-ton drums of chlorine gas and one drum in active service, kept completely enclosed in a reinforced concrete chamber, this chamber is connected by piping to a 1000 gallon caustic soda tank with a 3 inch quick acting valve, such tank is connected by piping to a 12,000 gallon

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caustic soda reserve tank with a pump of 100 gallons per minute capacity; the chlorine gas issues from the active drum through piping on the exterior of the building to the roof absorption tower and descends to storage tanks in the building as sodium hypochlorite, which is not dangerous; the chlorine storage plant was installed at a cost of \$65,000. under plans Nos. 1265 and 1967 of 1932, approved by the fire commissioner after a hearing and full compliance with eleven (11) safety measures recommended by the board of hazardous trades; the plant has been in operation two years under permits regularly issued by the fire commissioner, without accident of any kind; about every six weeks, fifteen (15) one-ton drums of chlorine gas are delivered on a special flat car from a float (about 500 feet away) to a railroad siding leading up to the building, the drums are then conveyed into the fireproof storage chamber by means of a two-ton ball bearing hoist in less than 1½ hours time; furthermore, the appellant contends that the chlorine gas does not enter the building proper at any time; the chlorine storage chamber is equipped with water flooding and caustic soda flooding systems, with outside control valves for the fire department use; emergency fire fighting equipment and gas masks are maintained on the premises; the building is equipped with a standpipe system and a three source automatic sprinkler system; the entire plant is designed practically to eliminate all hazards, and under supervision of the New York Dock Company's private fire brigade; sudden refusal of the fire commissioner to reissue the operating permit heretofore regularly issued in connection with the plant previously installed and approved in 1932, creates an unnecessary and undue hardship upon the appellant; and

WHEREAS, a committee of the board visited these premises and reported as follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 216-34-A.

Premises: 52-64 Warren st. (Formerly known as No. 22 Warren st.), (Block No. 303, Lot No. 1), Brooklyn.

June 17, 1935.

This is an appeal from the decision of the fire commissioner under order No. 65096-L.C. dated July 6, 1934 and reaffirmed July 17, 1934, refusing to continue permit for the storage of liquefied chlorine in one ton cylinders. The premises consist of a two-story mill construction building, 100 feet by 125 feet, used prior to 1932 by a chemical concern and since 1932 by the A. R. Haeuser Company as tenants of the New York Dock Co., for the bleaching of gum shellac, making of shellac varnish, paint remover and similar products. Combustible materials, other than liquefied chlorine are used, subject to the requirements of the bureau of combustibles. The continuance of the use of liquefied chlorine is the only question involved in this appeal. Under chapter 10, section 10 of the code of ordinances, the fire commissioner is empowered to grant this use, but having permitted it for approximately two years has now decided to refuse its continued use, not because of any failure on the part of the Haeuser Company to comply with or live up to the conditions under which its storage and use was permitted nor of any accident here or elsewhere in the city, but apparently because of the recognized hazard involved if, for any cause, a leak should occur and the chlorine should escape into the surrounding area. The effect of such an escape would be disastrous and the committee recognized the desirability of strict limitation and that permission should be granted only in cases where its use has been allowed under such requirements as will reduce to the very minimum the hazard involved.

It is understood that the use of liquefied chlorine is essential to the bleaching of shellac. When this concern, in 1932, desired to use it, application was made to the fire commissioner and after a thorough

study by the board of hazardous trades, their recommendations, embodied in a report of May 19, 1932, based on a special committee report of April 28, 1932, were carried out under application filed with the fire prevention bureau and approved August 24, 1932 under plan No. 1967-32. Approval of the commissioner of buildings was obtained under permit No. 4204-1932. A very considerable investment covering the construction of the fireproof enclosure for the chlorine tanks, the piping to permit flooding by water and by caustic soda, the installation of a required standpipe system in addition to the existing sprinkler system would be a complete loss if this permit were not extended, but more serious still, would be the elimination from New York City of this industry because without the use of chlorine, their shellac bleaching could not be done. It has been pointed out that the fire commissioner will permit the use of 150 pound cylinders but in the opinion of the committee their use here would be impractical because of the large quantity consumed, it being understood that one ton lasts between two and three days and because of the excessive piping connections required to be made increasing the possibility of leaks many times.

These tanks are constructed and transported to the site under the regulations and control of the Interstate Commerce Commission. Until they are actually on the premises, New York City has no jurisdiction. The greatest element of danger, in the opinion of the committee, is confined to the particular tank which is being drawn from, either from a leaky valve or a poor connection or a break or leak in the conveying pipe to the mixing tank where the harmful effect of the chlorine is nullified by the caustic soda. Too much care cannot be exercised not only as to handling all the cylinders totalling 16, but particularly as to the one in actual use. The committee has visited this site on several occasions, observed the method of unloading the cylinders from the specially constructed flat freight car from the adjacent railroad siding directly into the fireproof enclosure and considered the conditions imposed by the fire commissioner upon the recommendations of the board of hazardous trades and recommends that the decision of the fire commissioner be modified and a permit granted for a period of one year, providing that the conditions of the previous permit as granted be adhered to and in addition thereto, that the following also be carried out:

1. That the cylinder being drawn from shall be supported on rigid steel saddles and strapped in place to prevent movement until emptied.
2. That the connection from tank to feed line be by means of a heavy clamp or valve with lead squeeze washers; that the flexible pipe from the tank valve to the feed pipe be extra heavy brass or copper with an approved union connection to the feed pipe and that this flexible pipe be as short as practicable and kept free from sharp bends or kinks.
3. That after working hours, the valve at the cylinder shall be kept closed.
4. That in addition to the 1,000 gallon tank with quick opening exterior 3 inch valve to flood the active chamber with caustic soda the 12,000 gallon reserve storage of caustic soda shall be releasable by an exterior valve feeding into the reserve storage through a 4 inch pipe with 2 inch branches not over 10 feet apart. Both tanks to be gravity discharge.
5. That the feed line shall be new extra heavy galvanized seamless wrought iron encased within a 2 inch iron pipe; that this piping shall be

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rigidly and firmly supported at short intervals for its entire length and the exterior surfaces kept well painted; that there shall also be a shut-off valve at the mixing tank.

6. That the equipment for handling the cylinders shall be an approved track and travelling crane and hoist of not less than two tons capacity, self-locking in type and with positive travel motion.
7. That the gas masks shall be of the type approved for use against chlorine gas by the U. S. Bureau of Mines. Two masks shall be in the chlorine storage room, two immediately outside, one in the watchman's office and one in the chief chemist's office. All shall be located so as to be readily accessible.
8. That during working hours at least two persons shall hold certificates of fitness issued by the fire commissioner after examination at the premises as to their qualifications, knowledge of the equipment and familiarity with the use of gas masks.
9. That at night, the plant shall be subject to hourly inspection by a watchman who shall also hold a similar certificate of fitness.
10. That the captain in charge of the local police station shall be notified of this chlorine storage and be permitted to detail such men as he deems necessary to familiarize themselves with the installation.
11. That the requirements of all laws, ordinances and rules shall be complied with.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

Resolved, that the order of the fire commissioner, No. 65096-LC, be and it hereby is *modified* and that the appeal be and it hereby is *granted*, permitting the use of liquefied chlorine, in accordance with plans and application previously approved under plan filed with the fire commissioner, No. 1967-32, for a period commencing from the date of this action until June 27, 1936, *on condition* that the additional requirements incorporated in the report of the committee of the board, dated June 17, 1935, shall also be complied with.

348-34-A.

APPELLANT—The Mantrose Corporation, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

APPEARANCES—

For Appellant: Samuel Rosenblum, M. A. Rosen and S. W. Jacobs.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative: Assistant Chief Kidney	1
Absent	0

THE RESOLUTION—

(348-34-A)

WHEREAS, the Mantrose Corp., owner, filed December 11, 1934, an appeal from an order of the fire commissioner, affecting premises 136 41st street (Block No. 716, Lot No. 20), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner, dated Nov. 20, 1934 (No. 65459-LC), reads:

"With reference to application dated November 15, 1934, requesting permit for the storage and use of 18 one ton cylinders of chlorine gas, 8,000 pounds sulphuric

acid and 150 barrels of denatured alcohol to be used in the manufacture of shellac at premises 136 41st street, Brooklyn, I regret to state that I am without power to grant a permit for the storage and use of 18 one ton cylinders of chlorine gas for the reason that the storage of 18 one ton cylinders of chlorine gas at the above premises is not in the interest of public safety and is dangerous to life.

"1. You are, therefore, ordered to remove all chlorine gas from the premises and to discontinue the further storage of chlorine gas on the premises. The storage and use of one ton cylinders of chlorine gas creates a dangerous condition and is a violation. Section 10, Chapter 10.";

and

WHEREAS, the premises consist of a plot about 120 feet by 100 feet, upon which is erected a fireproof building, 3 stories (36 feet) in height, 60 feet by 100 feet in area; OCCUPIED for the manufacture of shellac and bleaching purposes; cellar, boiler room, 3 persons; 1st story, 16 persons; 2nd story, 8 persons; 3d story, 4 persons; located within an unrestricted district; and

WHEREAS, the appellant claims the building was erected in 1914; the present use started in 1924, operating with 150 pound chlorine gas cylinders until 1928; these cylinders were trucked daily to the plant through a distance of ten miles, unloaded and stored in an adjoining separate brick vault, from which the cylinders were brought into the building in question in groups of six, placed in a hot water vat, connected in series by piping to the absorption tower on the roof; the appellant considered such a method unsatisfactory especially of having about 1,000 pounds of chlorine gas directly in the main building; under approved building plan No. 11517 of 1928, and with full approval of the fire commissioner, a new one-story fireproof chlorine storage building 10 feet 6 inches by 57 feet was erected 49 feet 6 inches distant from the main building for the storage of 17 one-ton drums of chlorine gas and one drum in active service, kept in a waterproof chamber, which is connected by piping with an underground liquid caustic soda tank of 10,000 gallons, having a 3-inch flood valve manually operated on the outside of the building; the chlorine gas issues from the active drum through piping on the exterior of the building to the roof absorption tower and descends to storage tanks in the main building as sodium hypochlorite, which is not dangerous; the owners expended about \$18,000 for installing the chlorine gas storage system; the building is sprinklered and designed so as to practically eliminate all hazards; the plant has been in operation since 1928 under yearly permits regularly issued by the fire commissioner; the only question raised is the handling of chlorine gas in one-ton drums; these approved chlorine drums classified as type No. 106A500 are delivered from a float to a railroad car of special approved construction and transported direct to a railroad siding adjoining the chlorine storage building where they are arranged in the waterproof chamber by means of a three-ton crane; the entire transportation of the chlorine is under the jurisdiction of the Interstate Commerce Commission and Federal supervision up to the very instant when the chlorine is delivered to the building; Section 3, Article 1, Chapter 10, of the Code of Ordinances states: "Nothing contained in this chapter shall be construed as applying to the transportation of any article or thing shipped in conformity with the regulations prescribed by the Interstate Commerce Commission; furthermore, the appellant contends that the chlorine gas does not enter the main building at any time, all safety measures required by the fire commissioner prior to approval were complied with; watchman's service is maintained every hour of the year when the plant is not in operation; certificate of occupancy No. 74550 is in force for the present use; the sudden refusal of the fire commissioner to reissue the yearly oper-

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ating permit creates an unnecessary hardship upon the owner; and

WHEREAS, a committee of the board visited these premises and reported as follows:

REPORT OF COMMITTEE OF INSPECTION.

June 17, 1935.

Cal. No. 348-34-A.

Premises—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

The Mantrose Corporation engaged in the bleaching of shellac and manufacturing of shellac varnish, have been using liquid chlorine since 1915 and since 1928 have obtained annually permits to store 18 one ton cylinders of liquid chlorine stored in an approved vault. Upon consultation with the fire department, storage of chlorine was removed from their main building and isolated in a brick fireproof building erected in their yard. Approved I.C.C. cylinders are delivered by means of a crane and hoist operating on a track directly from the flat car on their siding into this building. The jurisdiction over the transportation of these cylinders is a Federal matter subject to the regulations of the I.C.C. and New York's responsibility commences with delivery at the premises.

It appears that, unlike the circumstances in Calendar No. 216-34-A, the Board of Hazardous Trades did not report on this installation and use as the installation had already been approved by the fire commissioner under Alteration No. 624 of 1925. The method of handling and the safeguards are substantially the same as was recommended and put into force for a similar occupancy at 52 Warren street. What this committee has said in general as to that installation applies here. After granting permits year by year since 1927 notice by the fire commissioner was served by order No. 65459-LC on November 20, 1934, that the permit would not be renewed. This appeal is from that decision.

The committee has visited this installation, seen the unloading of cylinders and connections made to the feed line and observed the construction, safeguards and methods of operation.

There is here, as at 52 Warren street, considerable investment and a going industry dependent on the use of liquid chlorine for the bleaching of shellac.

The committee recommends that the order of the fire commissioner be modified and the appeal granted for one year on condition that the number of cylinders at no time exceed 18; that such cylinders shall be stored only in the present fireproof tank storage building as approved; that not more than one cylinder be opened or drawn from at one time and that the present protection as to sprinklers and caustic soda flooding be continued and in addition that the following requirements be made:

1. That the cylinder being drawn from shall be supported on rigid steel saddles and strapped in place to prevent movement until emptied.

2. That the connection from tank to feed line be by means of a heavy clamp or valve with lead squeeze washers; that the flexible pipe from the tank valve to the feed pipe be extra heavy brass or copper with an approved union connection to the feed pipe and that this flexible pipe be as short as practicable and kept free from sharp bends or kinks.

3. That after working hours the valve at the cylinder shall be kept closed.

4. That in addition to the present pump and piping from buried caustic soda tank that a separate 1,000 gallon tank be installed on the roof directly over the pit in which the cylinder being drawn from is located; that this be kept filled with caustic soda and that there shall be a 3-inch discharge line into this pit, controlled

by an easy opening valve located directly outside the exterior door and properly marked; that the soda flood line to the reserve storage tank shall be branched with 2-inch lines so that soda can be readily distributed at intervals of not over ten feet. That the pump shall be housed in a fireproof enclosure in which the electric switch controlling same shall be located and switch removed from present location in stairhall.

5. That the feed line shall be new, extra heavy galvanized seamless wrought iron encased within a two inch iron pipe. That this piping shall be rigidly and firmly supported at short intervals for its entire length and the exterior surfaces kept well painted; that there shall also be a shut-off valve at the mixing tank.

6. That the equipment for handling the cylinders shall be an approved track and travelling crane and hoist of not less than two tons capacity self-locking in type and with positive travel motion.

7. That the gas masks shall be of the type approved for use against chlorine gas by the U. S. Bureau of Mines. Two masks shall be in the chlorine storage room, two immediately outside, one in the watchman's office and one in the chief chemist's office. All shall be located so as to be readily accessible.

8. That during working hours at least two persons shall hold certificates of fitness issued by the fire commissioner after examination at the premises as to their qualifications, knowledge of the equipment and familiarity with the use of gas masks.

9. That at night, the plant shall be subject to hourly inspection by a watchman who shall also hold a similar certificate of fitness.

10. That the captain in charge of the local police station shall be notified of the chlorine storage and be permitted to detail such men as he deems necessary to familiarize themselves with the installation.

11. That the requirements of all laws, ordinances and rules shall be complied with.

12. That new plans be filed to comply with the boards' resolution incorporating the construction and equipment as approved under alteration application 624 of 1925 and adding the additional requirements made herein and also showing extension to unloading platform with part removable to replace present loose I beams used.

(Signed) HARRIS H. MURDOCK, *Chairman*,
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

Resolved, that the order of the fire commissioner, dated November 20, 1934, No. 65459-LC, be and it hereby is *modified* and that the appeal be and it hereby is *granted*, permitting the use and storage of liquified chlorine in one-ton cylinders, *on condition* that not more than eighteen (18) such cylinders shall be stored on the premises; and that the requirements approved by the fire commissioner under Alteration No. 624-25 shall be complied with; that the additional requirements as embodied in the report of the committee of the board, dated June 17, 1935, shall also be complied with; that in order to bring the plans filed up to date and to incorporate the additional requirements, revised plans shall be filed and approved by the fire prevention division; that this permit shall continue for one year from the date of this action.

144-35-A.

APPELLANT—R. H. Macy & Co., Inc., owner.

SUBJECT—Appeal from a decision of the fire commissioner.

PREMISES AFFECTED—1317-1329 Broadway, 441-459

7th avenue, 151 West 34th street and 148-166 West

35th street (Block No. 810, Lot Nos. 1, 12 and 50).

Manhattan.

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APPEARANCES—

For Appellant: Milton Winn.
For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition:

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative: Assistant Chief Kidney 1
Absent 0

THE RESOLUTION—

(144-35-A)

WHEREAS, R. H. Macy & Co., Inc., owner, filed June 3, 1935, an appeal from a decision of the fire commissioner affecting premises 1317-29 Broadway, 441-459 7th avenue, 151 West 34th street and 148-166 West 35th street (Block No. 810, Lot Nos. 1, 12 and 50), Borough of Manhattan; and

WHEREAS, the decision of the fire commissioner, dated May 20, 1935, reads:

"Your favor of May 8, 1935, in which you requested permission to increase the amount of ammunition stored, over that which is authorized on your permit numbered 12943, expiring January 24, 1936, at premises 1317-19 Broadway, Manhattan, has been received.

Kindly be advised that this department cannot grant any such increase in the storage of ammunition for to do so would be a violation of Section 81, Article 8, Chapter 10 of the Code of Ordinances. However, this decision may be appealed to the Board of Standards and Appeals."

and

WHEREAS, the building is fireproof, 19 stories in height, 738 feet by 197 feet in area; OCCUPIED as a general department store, an average of 387 persons per story, located within a retail district; and

WHEREAS, the applicant claims the present combustible permit No. 12943 for the storage of 10,000 shot gun shells, 20,000 rifle and pistol cartridges and 25,000 small pistol cartridges is inadequate to meet the demands of the sporting goods business; permit is requested to increase the storage of ammunition to:

50,000 shot gun shells not exceeding No. 8 gauge;
250,000 rifle cartridges not exceeding 45 calibre;
50,000 pistol cartridges;
10,000 blank cartridges not exceeding 45 calibre;

the greater part of such ammunition stock will be stored on the 16th story in approved steel cabinets kept locked at all times, the lesser part of the ammunition stock will be kept on the 2nd story in the sporting goods department for the retail trade and place in approved steel cabinets, except for the current sales there will be about 20,000 small bore cartridges, 10,000 pistol and high-power cartridges kept in containers under the show cases and also, about 2,000 shot gun shells will be kept on shelves behind the fixtures in the sporting goods department; such ammunition stock will not be kept on any floor which is used for the sale or storage of paints, drugs, stationery, liquors, cigars, cigarettes, tobacco or near any materials of a highly inflammable nature; there are no open flames in the entire building except in the kitchens on the 6th and 8th stories and in the boiler room in the sub-basement; furthermore, during the off season which is about 9 months of the year, the ammunition stock is greatly decreased; the building is equipped throughout with standpipe and sprinkler systems and every precaution will be used to eliminate all hazards in the handling of the ammunition.

Resolved, that the decision of the fire commissioner dated May 20, 1935, be and it hereby is *modified*, and the appeal be and it hereby is *granted*, permitting the storage of the following quantities of ammunition:

50,000 shot gun shells not exceeding No. 8 gauge;
250,000 rifle cartridges not exceeding 45 calibre;
50,000 pistol cartridges;
5,000 blank cartridges not exceeding 45 calibre,

on condition that the greater stock of ammunition shall be stored on the 16th story in approved steel cabinets, kept locked at all times; that these cabinets shall be fitted with slotted shelves and equipped with two (2) wet sprinkler heads each; that a minimum of ammunition may be permitted on the 2nd story sporting goods department for retail trade, provided such ammunition is also located in approved steel cabinets, and with not over 20,000 small bore cartridges and 10,000 pistol cartridges kept in containers under show cases and 2,000 shot gun shells kept on shelves; that on this 2nd floor there shall be no storage or sale of paints, drugs, stationery, liquors, cigars, cigarettes or tobacco, and that any material on sale in the sporting goods department of an inflammable nature shall be kept well removed from the ammunition stock; that the standpipe and sprinkler system shall be maintained to the satisfaction of the administrative official.

VARIATION OF LABOR LAW

141-35-S

APPLICANT—Robert Teichman, for Estate of Mary A. Gordon, owner.

SUBJECT—Application for variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—728-730 Sixth avenue and 56 West 24th street (Block No. 824, Lot No. 84), Manhattan.

APPEARANCES—

For Applicant: Robert Teichman.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(141-35-S)

WHEREAS, Robert Teichman, for Estate of Mary A. Gordon, owner, filed May 31, 1935, an application for a variation from the requirements of the labor law, as cited in an order and decision of the commissioner of buildings, affecting premises 728-730 Sixth avenue and 56 West 24th street (Block No. 824, Lot No. 84), Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated December 27, 1934, re Order No. 18407-LD, reads:

"1. Enclose both interior stairways serving as a required means of exit and the landings, platforms and passageways connected therewith on all sides with partitions of fire resisting material extending continuously from the 1st story to three feet above the roof, constructed as per Section 271 of the Labor Law or carry out a proper alternative method of complying with the requirements of Section 271 of the Labor Law."

and

WHEREAS, the decision of the commissioner of buildings, dated May 17, 1935, reads:

"In reply to your recent letter in reference to Order 18407-LD pending against the above premises, you are advised that a recent inspection shows a reduction in the total occupancy but as the building exceeds 5 stories in height and has more than 6 persons at factory work, the Labor Law requires the order to be complied with."

and

WHEREAS, the building is non-fireproof, 6 stories (74

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feet) in height, 37 feet 1½ inches by 95 feet and 21 feet 6 inches by 24 feet 8 inches in area; OCCUPIED: Cellar—storage; 1st story—restaurant—50 persons; 2nd story—club—15 persons; 3rd and 4th stories—picture frame factory—5 persons each story; 5th story—curtain factory—10 persons; 6th story—lamp shade factory—14 persons; located within an unrestricted district; EQUIPPED with a fire alarm signal system; EXITS: Two interior wooden stairways, extending from the 1st story to roof, enclosed in wood lath and plaster partitions covered on the loft side with metal lath and cement mortar, with fireproof doors at openings; a substandard fire escape on the 24th street front of the building, having non-fireproof openings along the course thereof, extending from the second story to the top story with sliding drop ladder from second story balcony to sidewalk; ROOFS OF ADJOINING BUILDINGS: 30 feet lower at north; the same level at south; and

WHEREAS, the applicant claims the building was erected in 1911 and occupied as a tenant factory since erection, no certificate of occupancy has been issued; under Alt. No. 440 of 1912 for the purpose of changing the location of fire escapes, an objection was made by the examiner which required the interior stairhalls enclosed with 6 inch terra cotta blocks and angle iron framing, such requirement was waived by the superintendent of buildings; thereafter the Labor Department issued an order to extend the two interior stairways to the roof, under Alt. No. 1930 of 1915 the order was complied with by erecting bulkheads above the roof, brick filled and metal covered; the work was approved and accepted by the superintendent of buildings; no violations have been filed affecting the stairhalls since 1915 until the order of 1934, from which this application is being made; the applicant contends that under the above conditions compliance with the order would be an extreme hardship; furthermore, that the present exits are adequate; and

WHEREAS, this building was under the supervision of the labor department from 1913 to 1916 and the conditions cited were existing at that time and no order was issued by said department and since 1916 there is no record of any order having been placed until above order was filed.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the requirements of the labor law as cited in order of the commissioner of buildings No. 18407-LD, and the application be and it hereby is granted as to fire protection of the existing stairways, on condition that enclosing stairway partitions shall be wire lath and cement plaster on loft side but may be hard plaster on wood lath on stair side, provided the doors are fireproof and that the occupancy per floor shall not exceed 60 persons; and that the building otherwise shall comply with the requirements of the labor law and other rules and regulations applicable thereto.

APPLIANCES SUBMITTED FOR APPROVAL.

122-35-SA.

APPLICANT—William C. Brown, for Michigan Burner Co., owner.

SUBJECT—Midget Pressing Machine Oil Burner, Model P, approval of.

APPEARANCES—

For Applicant: Robert H. Law, Jr.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of board and bureau of combustibles, fire department, for test and report.

139-35-SA.

APPLICANT—Super Oil Heat Company, for Syncro-Flame Burner Company, owner.

SUBJECT—Syncro-Flame Oil Burner, Model R, approval of.

APPEARANCES—

For Applicant: Morton Pannaman.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of board and bureau of combustibles, fire department, for test and report.

146-35-SA.

APPLICANT—David Kaufman, for Chicago Flexible Shaft Co., owner.

SUBJECT—Stewart Gasifier Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of board and bureau of combustibles, fire department, for test and report.

197-33-SA.

APPLICANT—David Kaufman, for Alfred W. Dovel, present owner, substituted for Magna Oil Burner Corp., owner.

SUBJECT—Magna Oil Burner—Application for reopening—amendment of resolution.

APPEARANCES—

For Applicant: David Kaufman.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(197-33-SA)

WHEREAS, Magna Oil Burner Corp., owner, filed, May 29, 1933, a petition with the Board of Standards and Appeals for approval of their device known as the Magna Fuel Oil Burner; and

WHEREAS, this device was submitted to the fire department for test and report, and a report of the Bureau of Combustibles, fire department and the engineer of the board dated July 13, 1933, recommends the approval of this device; and

WHEREAS, the device was approved by the board July 18, 1933, the following resolution having been adopted:

"Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Magna Fuel Oil Burner for use in domestic, commercial and industrial installations when installed in accordance with the fuel oil rules of the Board of Standards and Appeals and the report of the Bureau of Combustibles, fire department, and the engineer of the board."

and

WHEREAS, present owner requests a change of name of the burner.

Resolved; that the resolution adopted by the board, approving this device, on July 18, 1933, be and it hereby is amended by adding thereto, the following:

"that after the date of this amended resolution, this burner may also be known as the National Barley Rotary Oil Burner, on condition that under whichever name the burner is distributed there shall be attached to each burner a plate setting forth that this burner has been approved by the Board of Standards and Appeals, for use in New York City, under Cal. No. 197-33-SA."

98-35-SA.

APPLICANT—Jack W. Hirsch, for Automatic Burner Corporation, owner.

SUBJECT—Heat King Oil Burner, Model 2, approval of.

APPEARANCES—

For Applicant: None.

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ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(98-35-SA)

WHEREAS, Jack W. Hirsch, for Automatic Burner Corporation, owner, filed April 16, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Heat King Oil Burner, Model 2; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was installed in a steam boiler used for demonstration purposes. This burner is a mechanical draft pressure atomizing gun type and consists of the following parts:

Century 1/6 H.P. Motor; Viking pump; Detroit lubricator regulating and cut off valve; Kleenheat strainer; Sirocco type fan and a Kleenheat nozzle.

Ignition; Electric. Jefferson transformer 110 to 10,000 volts.

Controls; Minneapolis Honeywell Protectorelay 117-3 and Minneapolis Honeywell Pressuretrol 404-2.

With the oil supply shut off, the burner was operated and on two successive tests the controls shut the burner down in 89 and 92 seconds. The burner was then put in normal operation for about one-half hour, and the controls tested under actual working conditions, with no explosions due to ignition failure during test and flame was continuous and free from smoke and soot. Examination of the combustion chamber showed no abnormal carbon deposits.

As a result of the above inspection and test, it is recommended that the Heat King Oil Burner, Model 2, be approved for domestic use when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as Heat King Oil Burner, Model 2, for domestic installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 3 *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 98-35-SA.

118-35-SA.

APPLICANT—David Kaufman, for Hayward Manufacturing Co., owner.

SUBJECT—Hayward Oil Burner, Model 2000, approval of.

APPEARANCES—

For Applicant: David Kaufman.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(118-35-SA)

WHEREAS, David Kaufman, for Hayward Manufacturing Co., owner, filed May 13, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Hayward Oil Burner, Model 2000; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was set up in a domestic type steam boiler, and is of the mechanical draft pressure atomizing gun type. The assembly of the burner consists of the following:

Robbins and Meyer 1/6 H.P. motor; Sirocco type fan; Webster Fuel Unit, consisting of pump, strainer, regulating and cut off valve; Monarch nozzle with a capacity of 1.8 to 8 gallons per hour.

Ignition—Electric. Webster transformer 110 to 10,000 volts.

Controls—Minneapolis Honeywell Protectorelay R-117-3; Minneapolis Honeywell Pressuretrol L-404. All with hot water systems Minneapolis Honeywell Aquastat Type B 65110.

With the oil supply shut off, the burner was operated with a cold combustion chamber, and the controls operated and shut down the burner in 94 and 96 seconds on two successive tests. The burner was then put into operation for a period of about 40 minutes. The flame was clean and free of soot, and an examination of the combustion chamber showed no undue carbon deposits.

As a result of this inspection and test, it is recommended that the Hayward Oil Burner, Model 2000, be approved for domestic, industrial and commercial use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals with oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as Hayward Oil Burner, Model 2000, for domestic, commercial and industrial installation when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel not heavier than No. 3 *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 118-35-SA.

121-35-SA.

APPLICANT—Thomas F. Leonard, for Timken Silent Automatic Co., owner.

SUBJECT—Timken Silent Automatic Water Heater, Models 40-A and 50-B (Water Heating Units), approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

MINUTES

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(121-35-SA)

WHEREAS, Thomas F. Leonard, for Timken Silent Automatic Co., owner, filed May 15, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Timken Silent Automatic Water Heater, Models 40-A and 50-B (Water Heating Units); and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner tested was installed in a unit heater and is of the Rotary Mechanical Draft Gravity Feed Type. The burner consists of the following parts:

A General Electric 1/200 H.P. Motor which drives the air disperser and distributor head. The oil is picked up and dispersed at the rim of the rotary plate. Ignition—is electric, a Dongan Transformer being used. The oil flow is regulated by a Detroit Lubricator Constant Level Valve—CRC-500. A thermostatic control manufactured by the Russell Electric Company regulates the heat. When the water temperature reaches 165° F. the oil supply is shut off. A remote control is also installed for shutting off the burner in cases of emergency.

The burner is also designed for use and installation in small types of hot water stoves and heaters.

The controls were tested for a period of about forty minutes and they operated properly and prevented the flooding of the burner with oil. The Aquastat was tested and the temperature of the water did not rise above 165° F.

The difference between the Model 40-A and 50-B is only the difference in the application of the burner. The Model 40-A is a self contained burner and boiler unit, while the Model 50-B is the same burner being used for small stoves and heaters.

As a result of this inspection and test it is recommended that the Timken Silent Automatic Water Heater, Models 40-A and 50-B be approved for domestic use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals, June 15, 1934, with fuel oil not heavier than No. 2.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as Timken Silent Automatic Water Heater, Models 40-A and 50-B (Water Heating Units), for domestic installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 2 on condition that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 121-35-SA.

Adjourned, 5:40 p. m.

EDWARD V. BARTON, Chief Clerk.

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, June 11, 1935, as they appeared in the Bulletin No. 25, Vol. XX, are hereby corrected to read as follows:

33-35-A.

APPELLANT—St. Therese Realty Corp., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

* *Correction*—Words "Springfield, Borough of Queens" added in line 5 of digest.

PREMISES AFFECTED—134-27 218th street (Block No. 3590, Lot No. 13), Springfield, Borough of Queens.

APPEARANCES—

For Appellant: George A. Conroy.

For Administration: None.

ACTION OF BOARD—Appeal withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2½:5 concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

RULES

RULES GOVERNING FIRE EXTINGUISHING APPLIANCES—SPRINKLER SYSTEMS ADOPTED BY THE BOARD OF STANDARDS AND APPEALS NOVEMBER 9, 1927

NOTE—In reprinting these Rules, no changes have been made, as to departmental jurisdiction, as changed by the McCall Bill known as Chapter 764 of the Laws of 1933.

General Requirements. The rules contained herein cover the general details of a sprinkler equipment only. Before an equipment is installed or before a present equipment is remodeled, involving 10 or more heads on any floor, complete working plans shall be submitted for approval to the Fire Department, with such specification forms as may be required by the Fire Commissioner, except for the installation of the connection to the water main service pipe and meter setting, which shall be approved by the Department of Water Supply, Gas and Electricity.

Plans. These plans shall be drawn to an indicated scale; give correct address and points of compass; show longitudinal and cross sections of the building with story heights, and the essential features of the construction, viz., size, location and direction of joists, timbers or other structural members. They shall also indicate the location and size of water supplies, connecting pipes, feed mains and risers, gate, check, alarm and dry-pipe valves, as well as the location, spacing, number and type of sprinklers. Plans for non-automatic dry-pipe systems shall indicate the location and number of actuating devices.

Upon approval of preliminary plans such number of sets of clean, corrected plans on cloth as the Fire Commissioner may require, not exceeding three (3), shall be filed for final approval of the Fire Commissioner. A certified copy of the approved plans shall be forwarded to the Bureau of Buildings by the Bureau of Fire Prevention. If the structure is equipped with a standpipe (fire line) the plans shall include a note to that effect.

When entirely completed in accordance with the approved plans, application shall be made to the Bureau of Fire Prevention for test and acceptance of the completed installation. When the sprinkler equipment is approved the applicant will be so advised in writing by the Bureau of Fire Prevention.

Rule 1. Definition of Automatic Extinguisher Systems. Automatic extinguisher systems shall consist of a system of piping connected to one or more acceptable sources of water supply, provided with distributing devices so arranged and located as to discharge and diffuse automatically an effective stream or spray over the interior of the building area.

Rule 2. Classification of Sprinkler Systems. For the purpose of these rules, sprinkler systems shall be classified as:

(a) **Automatic Wet Pipe Systems**, in which all pipes and sprinkler heads are at all times filled with water;

(b) **Automatic Dry Pipe Systems**, in which the pipes and sprinkler heads are filled with air, either compressed or at atmospheric pressure, and the water supply is controlled by a Dry Pipe Valve as defined in Rule 39 of these Rules.

(c) **Non-Automatic Systems**, in which all pipes and sprinkler heads are maintained dry, equipped with a siamese fire department connection.

An automatic thermostatic or pneumatic fire alarm with direct connection to Central Office of one of the operating fire alarm companies or Fire Department Headquarters shall be provided in connection with all non-automatic sprinkler systems.

Rule 3. Approved Devices. Automatic sprinklers and accessory appliances shall include all devices approved as such by any recognized standard research laboratory on the endorsement of approval by resolution of the Board of Standards and Appeals.

Rule 4. Water Supply. Approved sources of water supply shall be classified as Automatic and Auxiliary.

(a) **Automatic Sources** shall include the Gravity Tank, the Pressure Tank, or direct connection to the Public Water System.

(b) **Auxiliary Sources** shall include the Fire Pump and the Fire Department siamese connection.

Rule 5. Gravity Tank. Gravity tanks shall contain an available quantity of water sufficient to supply twenty-five per cent. (25%) of the number of sprinkler heads in the average protected fire area for twenty (20) minutes, but not less than 5,000 gallons; and the bottom of the tank shall have an elevation of not less than twenty (20) feet above the highest line of sprinklers below the main roof. Gravity tank or tanks shall not be required to be elevated above the highest sprinklers in pent house having an area less than 2,500 sq. ft., unless such pent house contains a hazardous occupancy, or is used for the storage of combustible material. Where a split system is installed the bottom of the tank or tanks need not be elevated more than 3 feet above the main roof or 20 feet above the highest sprinkler fed from an intermediate tank.

Where a tank capacity in excess of 25,000 gallons is required by this rule, the amount of water in excess of 25,000 gallons shall be provided in separate tanks not grouped together except when tanks of unlimited capacities are supported on structures altogether independent of buildings.

The tank shall be filled through a fixed pipe, independent of the sprinkler piping, not less than two (2) inches in size, discharging into the top of the tank. The water supply and connections shall be capable of supplying the tank at a rate of not less than sixty-five (65) gallons per minute.

The filling pipe shall be carried up inside a frost-proof casing and may extend through tank bottom to discharge at top of tank above full water level. The portion of pipe inside tank must be of brass or copper or other non-corrosive material.

Tanks shall not be fed through sprinkler lines.

The sprinkler and standpipe tanks may be fed from a common source of supply, either a pump or a direct service main connection, provided that there are separate feed mains from the basement or lowest story and a control valve in each feed line in a pump or engine room.

The overflow pipe shall be not less than two (2) inches in diameter for tanks up to 30,000 gallons capacity and not less than three (3) inches in diameter for larger tanks. The top of the overflow pipe shall be three (3) inches below the top of the staves in wooden tanks and one (1) inch from the top in steel tanks. The pipe may extend through the bottom of tank provided the portion inside tank is of brass or copper or other non-corrosive metal and without joints or it may extend through side of tank. For tanks over roofs overflow pipes shall terminate not more than twenty-four (24) inches above roof and shall be fitted with a 90 degree elbow. At each gravity or pressure tank there shall be provided a 4-inch emergency drain, and for gravity tanks in excess of ten thousand (10,000) gallons capacity a six-inch (6") emergency drain must be provided. Such drain to be equipped with an O. S. and Y. gate valve arranged to discharge on the roof of building not more than twenty-four inches (24") above roof and shall be fitted with a 90 degree elbow. When the tank or tanks are on a separate structure independent of buildings, drain connections to be arranged to discharge at ground level.

Rule 6. Frost Proofing. The discharge, heating or filling pipes where exposed to the weather shall be protected from freezing in the following manner:

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1. Pipes painted two (2) coats of red lead in linseed oil with a small percentage of litharge as a hardener.
2. One wrapping of tar paper equivalent to Asphalt Saturated Wool Felt paper weighing 12 lbs. per 100 sq. ft.
3. Three (3) layers of standard 1" high grade long cow's hair felt interposed and covered with one (1) layer of builder's paper equivalent to red rosin sized sheathing paper weighing 40 lbs. per 500 sq. ft.
4. One (1) covering of 8 oz. canvas, painted with two (2) coats of waterproofed paint.

Application.

- a. All wrappings to be independently applied and securely fastened in place with heavy jute twine. Circumferential and longitudinal joints to have at least a 2" lap staggered with adjacent layers and opposing leakage to the hair felt.
- b. In groups of pipes each water pipe is to be wrapped separately with the tar paper, but subsequent layers of felt and paper may be applied collectively if space does not permit of individual wrapping.
- c. Where a heating pipe is one of the group, the wrapping should be applied so that the hot line would serve all pipes in the enclosure. The initial wrapping of tar paper around each water pipe should be applied with laps down and the whole group wrapped with tar paper with laps up. If due to the position of the hot line sufficient air space would not insulate the hair felt, then protection to be effected by suitable separators, or a wrapping of asbestos paper instead of the tar paper around the group.
- d. On vertical pipes particular provision to be made to prevent slipping and tearing of insulation due to its weight.
- e. To prevent slipping away of insulation at point of entrance of pipes into a tank, and to shed leakage from slip joints, a 16 oz. duck to be provided, doubled and securely fastened to bottom of the tank overlapping inside and outside the insulation of the group for a distance of 18" below the tank. This duck to be well coated with paint. Loose hair felt to be packed about connections at tank bottom to safeguard against settling.

Rule 7. Tank Ladders and Supports. Easy access to top of each tank shall be provided by means of a steel or wrought iron gooseneck ladder substantially constructed of flat iron side bars of not less than 2" x 1/2", or angle iron strings not less than 1 3/4" x 1 3/4" x 1/4", spaced not less than 14" apart, with rungs round or square not less than 5/8", spaced not more than 12" on centres, the ladder rigidly braced, and shall not tip outward from the vertical at any point, and when ladders exceed 20 feet in height an iron platform not less than 14" square, rigidly secured to strings of ladder and properly braced shall be provided near top of tank.

Tanks above roofs shall be constructed according to the requirements of the Building Code and supporting structures shall be approved by the Superintendent of Buildings. Tanks not enclosed and exposed to the weather shall be covered with a double roof of acceptable construction consisting of a tight flat cover of matched boards and above this a conical roof which shall be covered with an approved roofing.

Where a gravity tank is located on a structure altogether independent of buildings the bottom shall not be less than 20 feet above the highest line of sprinklers below the main roof of the highest building in a group of buildings.

Rule 8. Pressure Tank. Pressure tanks shall contain sufficient water to supply twelve and one-half per cent (12 1/2%) of the number of sprinklers in the average protected fire area for twenty (20) minutes, but not less than 3,000 gallons of water for a wet pipe system where supplemented by an auxiliary water supply, and not less than 5,000 gallons of water for a dry-pipe system. No single tank shall have a capacity greater than 6,000 gallons of water. The tank shall be kept two-thirds (2/3) full of water under a pressure of seventy-five (75) pounds per

square inch, and shall be so proportioned and located that a pressure of not less than fifteen (15) pounds per square inch will be available on the highest line of sprinklers below the main roof.

A pressure tank or tanks shall not be located below the highest line of sprinklers under the main roof supplied by such tank or tanks and shall not be required to be located above the highest line of sprinklers in a pent house having an area less than 2,500 square feet unless such pent house contains a hazardous occupancy or is used for the storage of combustible materials. Where a split system is installed the bottom of the intermediate tank shall be located above the highest line of sprinklers fed from such tanks.

The water shall be supplied through a fixed pipe, independent of the sprinkler piping, not less than two inches in size. The water supply and connections shall be capable of supplying the tank at a rate of not less than sixty-five (65) gallons per minute without reducing the pressure in the tank. The tank shall have a fixed metallic horizontal line on the end opposite the glass gauge, or other acceptable device, to indicate the level of the water when the tank is two-thirds full.

The air compressor shall be of sufficient capacity to increase the air pressure at the average rate of one (1) pound in two minutes in each pressure tank.

Rule 9. Public Water System. Direct connection to the city water supply shall be capable of furnishing water, at not less than fifteen (15) pounds per square inch static pressure at the highest line of sprinklers below the main roof.

(a) Where the average pressure from the city water supply does not comply with this rule but is sufficient to give at least five pounds at the highest line of sprinklers as determined by test, an automatic, electrically driven pump installed for the purpose of boosting or increasing the city water pressure in the sprinkler system may be accepted under the following conditions:

Pump to be a single stage, centrifugal, of approved design, to be of not less than 500 gallons per minute capacity and to otherwise comply with Rule 10.

(b) Pump to be automatic, arranged to maintain 25 pounds at highest line of sprinklers at rated capacity and to be under the supervision and directly connected to the office of one of the fire alarm companies which is connected to Fire Department headquarters.

(c) The acceptance of this form of an automatic water supply shall be limited to an individual building not exceeding 80 feet in height, requiring not more than 100 sprinklers in the largest fire area.

(d) Subject to the requirements of the Department of Water Supply, Gas and Electricity, the size of each connection shall be as large as that of the main riser and not less than four (4) inches, and shall have a post indicator manually operated control valve, painted green, sealed open in an approved manner, located on the first story or at the sidewalk level near point of main entrance to building, and be provided with a sign secured to post reading: sprinkler control to city main.

(e) House service water supply connection may be taken from the sprinkler water supply connection to the city main on the inlet side of the fire meter, not exceeding 1 1/4 inches in diameter for a 4-inch connection, and 2 inches in diameter for a 6-inch or larger connection.

(f) A certificate establishing the fact that water supply conditions and pressures are as may be required shall be submitted to the Fire Department from the Department of Water Supply, Gas and Electricity.

Rule 10. Fire Pump. As auxiliary sources of water supply, steam or electric standard fire pumps shall receive water supply from a suction tank, a direct connection to the city water main or other approved sources capable of supplying the pump at its rated capacity for sixty (60) minutes. The rated capacity of the pump

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shall be not less than five hundred (500) gallons per minute, and shall be sufficient to supply twenty-five per cent. (25%) of the number of sprinklers in the average protected fire area.

The pump shall be located in a room of fireproof construction, properly ventilated, lighted and drained, enclosed in eight (8) inch brick or concrete walls with approved fire doors at openings and with fireproof floor and ceiling construction. If located in the lowest story of the building, the pump shall be placed on a foundation not less than one (1) foot in height. The pump room shall be readily accessible with safe egress for the attendant.

A reliable source of energy for driving the pump shall be provided. For steam pumps, provision shall be made for sufficient steam power to operate the pumps at full rated capacity, and a steam pressure of not less than fifty (50) pounds shall be maintained at the pump at all times. Where there is more than one boiler, the pipes and valves shall be so arranged to permit the cutting out of any one boiler without interrupting the steam supply to the pump from the other boilers. The boiler room shall be cut off from the remainder of the building by fireproof floor and wall construction with approved fire doors at all openings.

Electrical energy from a public service plant shall be acceptable as a source of energy for driving electric fire pumps. When local power plants supply the energy for operating electric pumps, two motor generator units shall be provided, or one generator unit supplemented by a public service break-down switch. Local electric power plants shall be located in rooms of fireproof construction with approved fire doors at openings.

Rule 11. Sprinkler Discharge. For the purpose of computing the capacity of water supplies, standard one-half ($\frac{1}{2}$) inch sprinkler heads shall be assumed to have an average discharge of twenty (20) gallons per minute, and the discharge of larger heads shall be computed proportionately in the ratio of the areas of their respective orifices.

Rule 12. Fire Area. A fire area is any floor space enclosed on all sides by exterior walls or fire walls or a combination of both.

In a non-fireproof building with mill or non-fireproof floors and roof, such wall shall be not less than 8 in. in thickness if of brick or stone, and not less than 6 in. if of reinforced concrete, and extending continuously from the lowest story to be at least 3 ft. above the roof and be coped.

In a fireproof building such wall or walls shall be of fireproof material not less than 6 in. in thickness, and shall extend from the fireproof floor to ceiling, or underside of fireproof roof.

No opening shall exceed 66 in. in width, or 60 sq. ft. in area, the centre of every opening in such walls shall be at least 40 ft. from the centre of every other opening therein at the same level.

All openings shall be provided with approved automatic fire doors on each side of openings.

The number of sprinklers in the average protected fire area shall be determined by the number of sprinklered stories in such section. In determining the required capacity of water supplies, the number of sprinklers in the average protected fire area need not include those located in low positions, such as under benches, low shelves, closets and platforms and between cars in car barns.

Rule 13. Fire Department Connection. All automatic sprinkler systems shall be provided with at least one two-way siamese connection on each street front of the building for connection to the fire department hose. Buildings fronting on only one street shall be provided with at least two siamese connections when the street frontage of building exceeds two hundred (200) feet.

Where buildings have frontages on more than one street there shall be a fire department connection on each street front where frontage is not continuous but in all cases where more than one fire department connection is required they shall be located as the Fire Commissioner may direct and shall not be grouped. The siamese headers shall be of the same diameter as the largest riser or cross connection, but in no case less than 4 inches or more than 6 inches.

All siamese hose connections hereinafter installed, except those on piers or warehouses intended for fire boat use, shall be three (3) inch, female connection. Siamese on piers, warehouses, etc., intended for fireboat use, except where the source of supply is from a direct connection to city main, shall be not less than $3\frac{1}{2}$ -inch female connections with standard fire department threads.

The siamese shall be placed at least eighteen (18) inches and not more than three (3) feet above the sidewalk, in a horizontal position accessible to the fire department. Each inlet shall be provided with a clapper valve machined to a true face.

Each siamese connection shall be designated by raised letters at least one (1) inch in size, cast in the fitting in a clear and prominent manner and reading for the service designated, viz.: "Base, Spkr.," etc., as the case may be. If the entire building is sprinklered, the fitting shall be marked "Auto. Spkr."

Siamese hose connections may project through a street wall not more than twelve (12) inches beyond the building line except that where there is an angle formed by the street wall and a check piece or the base of a column, pilaster or ornamental projection, they may be so located that no part extends more than fifteen (15) inches from either side of such angle in accordance with the provisions of the Building Code.

In each fire department connection there shall be an approved straightway check valve installed in a horizontal position, the piping shall be arranged to drain between the check valve and the outside siamese coupling by either a ball drip having a one-half ($\frac{1}{2}$) inch pipe connection and one-half ($\frac{1}{2}$) inch orifice and a bronze ball of proper size, or by a three-quarter ($\frac{3}{4}$) inch drip connection arranged to drain to a sewer.

All sprinkler siamese street risers, siamese wall collars and adjustable siamese caps shall be painted green.

Rule 14. Sprinkler Systems Classified.

(a) One Source Systems, supplied with water from any one of the automatic sources or the automatic supervised fire pump specified in rule nine; and

(b) Two Source Systems, supplied with water from a combination of any two of the automatic sources; two pressure tanks with a total water capacity twice that required for a one source supply; direct connection to the city water supply on two different streets, so located that the closing of the controlling valve on one main will not eliminate the main on the other street; or a direct connection to the city water supply and one of the auxiliary sources provided the water supply connection is at least six (6) inches in size, the main is fed both ways and a two (2) inch test pipe at the top of the sprinkler riser shows a flowing pressure of fifteen (15) pounds per square inch between the hours of six a. m. to six p. m.

Rule 15. Sprinkler Spacing. Sprinkler heads and lines shall be spaced as herein provided:

Mill Construction. Under mill ceiling (smooth solid plank and timber construction, 5 to 12 foot bays) one line of sprinklers shall be placed in the center of each bay and the distance between the heads on each line shall not exceed the following:

- (a) For Standard one-half ($\frac{1}{2}$) inch heads—
 - 8 feet in 12 foot bays;
 - 9 feet in 11 foot bays;

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- 10 feet in 10 foot bays;
- 11 feet in 9 foot bays;
- 12 feet in 5 to 8 foot bays;

(b) For Conran* one (1) inch heads—
20 feet in 5 to 12 foot bays.

(c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads—
25 feet in 5 to 12 foot bays.

(d) Vaults used for the storage of inflammable motion picture films shall have one standard one-half ($\frac{1}{2}$) inch head for each $62\frac{1}{2}$ cubic feet of available storage space, or one (1) inch Conran* head for each 250 cubic feet of available storage space.

Measurements shall be taken from center to center of timbers.

Ceilings of modified mill construction having bays less than three (3) feet wide shall be treated as open joist construction and sprinkler heads and lines spaced accordingly.

Bay timbers spaced three (3) feet or more on centers, but less than five (5) feet on centers, will require special ruling by the administrative official having jurisdiction.

Rule 16. Joisted Construction. Under open finish joisted construction ceilings, floor, decks and roofs, the sprinkler lines shall be run at right angles to the joists and the heads "Staggered spaced" so that heads on one line will be opposite a point halfway between heads on adjacent lines.

a. One-Half Inch Heads. For Standard one-half ($\frac{1}{2}$) inch heads the distance between lines of sprinklers shall not exceed ten (10) feet, and the distance between heads on each line shall not exceed eight (8) feet, the end heads on alternate lines being spaced not more than two (2) feet from wall or partition. Permission may be given by the administrative official having jurisdiction to install but one line of sprinklers, in each bay where girders project below the underside of joists and divide the ceiling into bays ten (10) to eleven and one-half ($11\frac{1}{2}$) feet wide from center to center of girders, and the heads shall then be spaced on each line so that the area covered by a single head does not exceed eighty (80) square feet. In all cases where such bays are over eleven and one-half ($11\frac{1}{2}$) feet wide, two or more lines of sprinklers shall be installed in each bay as required by the rules for spacing. Where girders and joists are flush at the bottom, heads shall be spaced according to the general rule.

b. One Inch Heads. For Conran* one (1) inch heads the distance between adjacent lines shall not exceed twenty (20) feet and the distance between the heads on each line shall not exceed sixteen (16) feet, the end heads on alternate lines being spaced not more than four (4) feet from wall or partition. Where girders project below the underside of joists and divide the ceiling into bays not exceeding twenty (20) feet in width, measured from center to center of girders, one line shall be placed in the center of each bay. In bays exceeding twenty (20) feet in width at least two (2) lines shall be installed in each bay and in no case shall the distance between adjacent lines exceed twenty (20) feet.

c. One and One-Quarter Inch Heads. For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads the distance between adjacent lines shall not exceed twenty-five (25) feet and the distance between the head on each line shall not exceed twenty (20) feet, the end head on alternate lines being spaced not more than five (5) feet from wall or partition. Where girders project below the underside of joists and divide the ceiling into bays not exceeding

twenty-five (25) feet in width, measured from center to center of girders, one line shall be placed in the center of each bay. In bays exceeding twenty-five (25) feet in width at least two (2) lines shall be installed in each bay, and in no case shall the distance between adjacent lines exceed twenty-five (25) feet.

Rule 17. Smooth Finish, Sheathed or Plastered Ceilings. Under smooth finish, sheathed or plastered ceilings, in bays six (6) feet wide and over (measurements to be taken from center to center of timber, girder or other projection or support forming the bay), sprinkler heads and lines shall be spaced as follows:

(a) For standard one-half ($\frac{1}{2}$) inch heads—

One line of sprinklers shall be placed in the center of each bay for bays not exceeding twelve (12) feet in width, and the distance between the heads on each line shall not exceed the following:

- 8 feet in 12 foot bays;
- 9 feet in 11 foot bays;
- 10 feet in 6 to 10 foot bays.

Bays in excess of twelve (12) feet in width and less than twenty-three (23) feet in width, shall contain at least two (2) lines of sprinklers; bays twenty-three (23) feet in width or over shall have the lines therein not over ten (10) feet apart. In bays in excess of twelve (12) feet in width, not more than one hundred (100) square feet of ceiling area shall be allotted to any single head.

(b) For Conran* one (1) inch heads—

One line of sprinklers shall be placed in the center of each bay for bays not exceeding twenty (20) feet in width, and the distance between the heads on each line shall not exceed twenty (20) feet. Bays in excess of twenty (20) feet in width shall contain at least two (2) lines and in no case shall the distance between adjacent lines exceed twenty (20) feet.

(c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads—

One line of sprinklers shall be placed in the center of each bay for bays not exceeding twenty-five (25) feet in width and the distance between the heads on each line shall not exceed twenty-five (25) feet. Bays in excess of twenty-five (25) feet in width shall contain at least two (2) lines and in no case shall the distance between adjacent lines exceed twenty-five (25) feet.

Rule 18. Fireproof Construction. The rules of slow-burning mill construction shall apply as far as practicable. The rule may be modified, however, the intent being to arrange the spacing of heads to protect the contents rather than the ceilings; but in no case shall the distance between a head on one line and a head on an adjacent line exceed the following:

(a) For standard one-half ($\frac{1}{2}$) inch heads, 12 feet.

(b) For Conran one (1) inch heads, 20 feet.

(c) For Conran one and one-quarter ($1\frac{1}{4}$) inch heads, 25 feet.

Rule 19. Distance From Walls. The distance from wall or partition to the first head on a sprinkler line shall not exceed one-half the allowable distance between the heads on such line. Additional heads may be required in the narrow pockets formed by bay timbers or beams and wall. Where beams, girders, columns, walls, partitions or other obstructions prevent the effective discharge of water, additional heads shall be installed to effectively sprinkle the area.

Rule 20. Vertical Shafts. In vertical shafts having inflammable sides, heads shall be provided within the shaft in addition to the head or heads at the tops of shafts, as follows:

(a) One standard one-half ($\frac{1}{2}$) inch head for each 200 square feet of inflammable surface.

* Wherever the term "Conran head" is used in these Rules, it is to be taken as meaning either a Conran head of the type tested and approved by the Fire Department, or one that has passed similar tests by the Fire Department.

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(b) One Conran* one (1) inch head for each 400 square feet of inflammable surface.

(c) One Conran* one and one-quarter ($1\frac{1}{4}$) inch head for each 500 square feet of inflammable surface.

Such head or heads shall be installed at each floor when practicable, and always when shaft is trapped. Where practicable, heads shall be "staggered" at the alternate floor levels, particularly when only one head is installed at each floor level.

Rule 21. Pitched Roofs. Under a pitched roof sloping more steeply than one (1) foot in three (3) feet, heads shall be located in peak of roof, and those on either side of the peak shall be spaced according to the foregoing requirements. The distance between heads shall be measured on a line parallel with the roof. Where the roof meets the side wall or the floor line, the heads shall be placed not more than the following distance from such intersection:

(a) For standard one-half ($\frac{1}{2}$) inch heads, $3\frac{1}{2}$ feet.

(b) For Conran* one (1) inch heads, 7 feet.

(c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, $8\frac{1}{2}$ feet.

Heads spaced not to exceed the following distance each way from the peak to roof, measured on a line parallel with the roof, may be used in lieu of heads located in peak of roof:

(d) For standard one-half ($\frac{1}{2}$) inch heads, $2\frac{1}{2}$ feet.

(e) For Conran* one (1) inch heads, 5 feet.

(f) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, $6\frac{1}{4}$ feet.

In sawtooth roof construction, the end heads on the branch line shall be spaced not to exceed the following distance from the peak of the sawtooth:

(g) For standard one-half ($\frac{1}{2}$) inch heads, $2\frac{1}{2}$ feet.

(h) For Conran* one (1) inch heads, 5 feet.

(i) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, $6\frac{1}{4}$ feet.

Rule 22. Special Locations and Variations. In special locations, such as over electric generating, power and transforming apparatus, over their controlling devices and switchboards, where water from the fire extinguishing equipment would be detrimental, the sprinkler lines and heads may be omitted at the discretion of the administrative official having jurisdiction, and when in his judgment a slight variation of this rule of spacing is desirable to effect a more efficient distribution of water for fire extinguishing purposes, the sprinkler lines and heads shall be spaced as he may direct.

Rule 23. Sprinkler Position. All sprinkler heads shall be located, wherever possible, in an upright position on top of the pipes, except that sprinkler heads on automatic wet pipe systems may be pendant on concealed piping and when construction or occupancy of a room or enclosure makes it preferable.

(a) Where standard one-half ($\frac{1}{2}$) inch heads are installed sprinkler deflectors shall be parallel to ceilings, roofs or the incline of stairs, but when installed in the peak of a pitched roof they shall be horizontal. Distance of deflectors from ceilings of mill or other smooth construction, or bottom of joists of open joist construction, shall be not less than three (3) inches nor more than ten (10) inches.

In fireproof buildings, the distance between deflectors and panel ceilings shall not exceed fifteen (15) inches.

(b) Where Conran* heads are installed, the top of head shall be located the same distance below joists or ceiling as specified for deflectors in paragraph (a) of this rule; except that when heads are located under pitched roofs or piers or similar structures, they shall in general be installed in the upright position (not normal to slope of roof) and three (3) feet vertically below the underside of roof. When the administrative official having jurisdiction deems a variation of

this rule advisable to obtain a more efficient distribution of water, the heads shall be located with respect to joists or ceiling, as he may direct.

Rule 24. Spray Clearance. Not less than eighteen (18) inches effective clear space shall be left below the sprinkler heads, so that they may discharge an unbroken spray blanket from sprinkler to sprinkler and sides of room when in operation. Any stock piles, racks or other obstructions interfering with such action shall not be permitted. Sprinkler system piping shall not be used for the support of stock, clothing, etc.

Rule 25. Pipe Sizes. The number of heads on a given size pipe in one fire area in any story shall not exceed the following:

(a) For standard one-half ($\frac{1}{2}$) inch heads—

Size of Pipe	Maximum No. of Heads Allowed
$\frac{3}{4}$ inch	1 head
1	2 heads
$1\frac{1}{4}$	3 "
$1\frac{1}{2}$	5 "
2	10 "
$2\frac{1}{2}$	20 "
3	36 "
$3\frac{1}{2}$	55 "
4	80 "
5	140 "
6	200 "
7	300 "
8	420 "

(b) For Conran* one (1) inch heads—

Size of Pipe	Maximum No. of Heads Allowed
1 inch	1 head
$1\frac{1}{4}$	2 heads
$1\frac{1}{2}$	3 "
2	4 "
$2\frac{1}{2}$	6 "
3	9 "
4	18 "
5	34 "
6	51 "
7	75 "
8	105 "

(c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads—

Size of Pipe	Maximum No. of Heads Allowed
$1\frac{1}{4}$ inch	1 head
$1\frac{1}{2}$	2 heads
2	3 "
$2\frac{1}{2}$	4 "
3	6 "
4	12 "
5	21 "
6	40 "
7	60 "
8	84 "

When it is desired to use pipe of larger size than eight (8) inches in diameter, special ruling will be required by the administrative official having jurisdiction as to the permissibility of its use and the number of heads that may be fed thereby.

Where practicable, it is desirable to arrange the piping so that the number of heads on a branch line will not exceed eight.

When the piping is arranged on the "gridiron" plan, the permissible number of heads may be doubled, provided the feed main is of the size indicated in the schedule for the total number of heads.

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Where feed mains supply branch lines of only two heads each, the conditions approach those of long single lines. Such feed mains shall usually be centrally supplied where there are over eight (8) or ten (10) branch lines. Branch lines up to fourteen (14) in number may be fed from end, provided a two and one-half ($2\frac{1}{2}$) inch pipe does not supply more than sixteen (16) standard one-half ($\frac{1}{2}$) inch heads, in lieu of twenty (20).

Building having slatted floors, or large unprotected floor openings without approved stops, shall be treated as one room with reference to the pipe sizes, and the feed main shall be of sufficient size to accommodate the number of heads called for. Larger pipe sizes than are allowed in the schedule for a given number of heads may be required wherever the construction or conditions introduce unusually long runs of feed mains or many angles. Buildings with blind attics with small, unprotected openings to floor below, may be piped from the system on the ceiling of floor below, provided pipe size schedule is not overloaded on sizes three (3) inches or under.

Rule 26. Feed Mains. The size of feed mains shall not be less than the size of riser and shall be arranged to run as direct as possible from source of water supply to riser.

Feed mains for stair or other towers without approved stops between floors, when piped on independent riser, shall be of sufficient size to accommodate the total number of sprinklers in such tower.

Rule 27. Risers. There shall be one or more separate risers in each building and in each section of the building divided by fire walls. Risers shall be arranged to provide "Center Central" or "Side Central" supply to feed main. Each riser shall be of sufficient size to supply all the heads on said riser in one story, according to the schedule of pipe sizes in Rule 15.

If the conditions warrant, special permission will be granted allowing the heads in a fire section of small area to be fed from the risers in another section, provided the total number of heads in such area does not exceed the following number per floor:

- (a) For standard one-half ($\frac{1}{2}$) inch heads, 48.
- (b) For Conran* one (1) inch heads, 12.
- (c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, 8.

Risers shall not be located close to windows, properly protected from mechanical injury and freezing and shall be properly supported on foundations and by floor plates, clamps, couplings or approved hangers.

Rule 28. Connections Prohibited. No connections, such as for sill cocks, house service or hose outlets, shall be made with a sprinkler system riser or any part thereof except as provided for in rule 9.

Rule 29. Air Lock Adjustment. Where gravity and pressure tanks feed through a common discharge pipe or "dead riser" to the foot of a riser and an air lock is likely to develop the discharge pipe of the gravity tank shall connect with the discharge pipe, or "dead riser," forty (40) feet below the bottom of the pressure tank.

Rule 30. Pipes and Fittings. All pipe shall be full-weight standard wrought iron or steel threaded pipe, well reamed and screwed up tight into fittings without reducing the waterway. Fittings shall be standard cast iron fittings, and shall be long turn pattern on feed mains and risers.

Such fittings shall be designed and guaranteed for a working pressure of 150 pounds per square inch and must be capable of withstanding a hydrostatic test pressure of 750 pounds per square inch without failure.

All pipe shall be secured to the ceiling, walls and other parts of the building with standard steel, wrought or malleable iron hangers.

Extra heavy fittings shall be employed where the normal pressure in the pipe system exceeds one hundred and fifty (150) pounds per square inch, and shall be designed for a working pressure of 250 pounds per square inch and be capable of withstanding a hydrostatic test pressure of 1,250 pounds per square inch without failure.

All underground pipe shall comply with the specifications for cast iron pipe of the American Water Works Association.

Rule 31. Protection of Pipes and Sprinklers. When exposed to moisture, sprinkler pipes and hangers shall be protected against corrosion whenever found necessary by thoroughly cleaning the pipe of all scale and grease and painting with a coat of red lead and linseed oil paint or other acceptable moisture resistive paint. When exposed to chemical fumes, the pipe and fittings shall be coated with graphite or other approved chemical resistive paint. Care shall be taken not to paint the sprinkler heads.

Supply pipes of risers in low basements or low spaces under ground floors exposed to frost, shall be properly protected by a masonry or wood enclosure, properly heated or filled with mineral wool, sawdust or tar mixed with granulated cork, extending below bottom of pipe and through the top flooring of ground floor, or the pipe shall be protected with three alternate layers of one-inch hair felt and building paper or by other approved method. When of wood, such enclosure shall be constructed double with a layer of tar paper between the two thicknesses of wood.

Where risers, drains, heating pipes, etc., pass through cinder concrete floors or partitions, they shall be protected with a metal sleeve or be grouted with cement mortar.

Wherever sprinklers are exposed to corrosion, the heads shall be protected with an approved hermetically sealed cover, or with an approved wax coating.

Rule 32. Drainage. All sprinkler pipe and fittings shall be so installed that they can be thoroughly drained, and where practicable, all piping shall be arranged to drain at the main drips.

Drains or drip pipes shall be so arranged as not to expose any part of the sprinkler system to frost, and shall be so connected, either by check valves or other means, that they will not overflow domestic service or other connections to the same sewer or house drain, or if carried through the wall and exposed to the weather, they shall be fitted with hoods or down-turned elbows.

Drains, pitched not less than one-quarter ($\frac{1}{4}$) inch in ten (10) feet, shall be installed:

- At the base of the main riser;
- At each alarm valve;
- At each dry-pipe valve;
- At each gravity tank;
- At each pressure tank;
- At each fire department connection;
- On each floor, if independent floor control valves are used; and

At each supply main, when the water in the same cannot be removed through any of the above drains. Such drains shall be installed with controlling valves so that flowing tests may be made to determine if the water supplies or connections from yard mains to the inside of the building are in order without causing water damage or overflowing service connections to the same house drain. Any such drain shall be not less than two (2) inches in size except that drains at independent floor valves shall be not less than 1 inch in size where floor valves are not over $2\frac{1}{2}$ inches in size and $1\frac{1}{4}$ inches where floor valves are larger and connected to a main drain riser of not less than $1\frac{1}{2}$ inches in size. The drain at the main riser shall discharge into a cone or sight drain, or if carried through the wall and exposed to the weather, it shall be fitted with a hood or down-turned elbow.

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At an alarm valve at the top of a riser in a down-fed system a drain shall not be required.

On automatic wet pipe systems, the horizontal branch pipes shall be pitched not less than one-quarter ($\frac{1}{4}$) inch in ten (10) feet to drain towards the sources of supply with drip valves at the low points.

On automatic dry-pipe systems, branch pipes shall be pitched at least one-half ($\frac{1}{2}$) inch in ten (10) feet.

Rule 33. Test Pipe. In all wet-pipe automatic sprinkler systems a test pipe of not less than $\frac{3}{4}$ inch in diameter shall be connected directly with each system but shall be connected to a pipe of not less than $1\frac{1}{4}$ inches in diameter in upper story and arranged to discharge through a $\frac{1}{2}$ -inch brass outlet, preferably to a point where it can readily be seen. With long runs or many angles, size of test pipe should be increased to one (1) inch or larger. Controlling valve should be located at a sufficient distance from where the test pipe passes through the wall of the building so as to reduce to a minimum the chance of freezing of water in test pipe.

In all dry-pipe automatic sprinkler systems a $\frac{3}{4}$ -inch inspector's test pipe shall be installed at the end of the most distant branch line and fitted with $\frac{3}{4}$ -inch shut-off valve stopped with a brass plug.

Rule 34. Pressure Gauges. A four and one-half ($4\frac{1}{2}$) inch double-spring Bourdon pressure gauge shall be provided in all automatic sprinkler systems as follows:

- Above dry-pipe valves;
- Below dry-pipe valves;
- At the pressure tank;
- At the air compressor;
- Above the alarm valve;
- Below the alarm valve; and

In the connections from city water supply.

Provision may be made for taking the pressure both above and below the alarm valve and the dry-pipe valve with only one gauge at each valve.

A gauge shall not be required at an alarm valve located at the top of a riser in a down-fed system.

Gauge connections shall be taken from the supply main or riser and not from the two-inch drain or test pipe.

Gauges shall be installed in a suitable place protected from freezing and be controlled by a valve with arrangements for draining. A plugged outlet, not less than one-quarter ($\frac{1}{4}$) inch in size, shall be located between each valve and gauge for purpose of installing the inspector's gauge.

Rule 35. Valves. All valves two (2) inches in diameter and under shall be of brass or bronze, or other approved non-corrodible material. Valves over two (2) inches in diameter shall be of brass, or bronze or iron body, brass mounted, or of other approved non-corrodible material.

All sidewalk siamese inlet valves, caps and chains shall be of galvanized cast iron or other approved non-corrodible material.

All gate valves shall be solid or double wedge disc, stuffing box pattern with hand wheel, outside screw and yoke, or other approved indicator pattern.

All check valves shall be approved straightway regrinding pattern, so built that the clappers may be readily removed for repairs.

Rule 36. Water Supply Gate Valves. The piping connecting each source of water supply with the sprinkler system shall be provided with a gate valve of the outside screw and yoke type, sealed open and tagged to designate its purpose, so located as to control each source of water supply except that from fire department hose connections. All such gate valves shall be located within the building where easily visible and readily accessible and as close as possible to the supply inlet.

Rule 37. Water Supply Check Valves. The piping connecting each source of water supply with the sprinkler system, including fire department connections, shall be provided with a check valve.

On two-source systems, check valves shall have a gate valve on each side to permit repair of check without shutting off both supplies, except that where the two sources of supply consist of tanks located above the highest line of sprinklers, a gate valve need only be provided on the downstream side of each check valve.

Rule 38. Control Valves. All automatic sprinkler systems shall be provided with a main control or shut-off valve arranged to be readily accessible as near the stairways or fire tower as possible and sealed in the open position; except that when the sprinkler system is fed from water supplies on the roof of the building, independent and readily accessible floor control valves, sealed in the open position, may be installed.

When not more than ten (10) standard one-half ($\frac{1}{2}$) inch sprinkler heads or three (3) Conran* heads in any automatic wet pipe system are exposed to cold and subject to freezing, shut-off valves may be provided to discontinue the water supply to such heads between November 1 and April 1. A greater number of heads than specified above, located in places which cannot be properly heated, shall be controlled by an automatic dry-pipe valve.

Rule 39. Dry-Pipe Valves. A dry-pipe valve shall be taken to mean a valve automatically controlling the water supply of the sprinkler system in such a manner that under normal conditions its piping system beyond the valve is maintained dry, but in the event of fire, the valve automatically releases the water into the sprinkler system, for fire extinguishing purposes.

Dry-pipe valves shall, for the purpose of these rules, be classified as follows:

Type A, in which the valve is actuated by the release of compressed air in the sprinkler piping system, due to the opening of a sprinkler head; and

Type B, in which the valve is actuated by an approved trip under electric control of an approved automatic thermostatic fire alarm system.

Dry-pipe valves shall be located as near as practicable to the sprinkler system in an enclosed and accessible place protected from mechanical injury and freezing.

Automatic wet-pipe sprinkler systems in which only twenty-five per cent. (25%) of the heads are required to be maintained dry for protection from freezing, shall have only such heads under dry-pipe valve control.

(a) When "Type A" valve is installed, the air pressure in sprinkler systems under such dry-pipe valve control shall not exceed forty (40) pounds per square inch, nor be permitted to fall below twenty-five (25) pounds per square inch, nor shall it be less than one-sixth ($\frac{1}{6}$) of the water pressure in any case.

The air compressor shall have a capacity of not less than eleven (11) cubic feet per minute and the air supply for the pump shall be taken, if possible, from a room containing dry air, or it shall be passed through a drying chamber containing calcium chloride, in order to avoid the introduction of moisture into the system.

The air pressure on such dry-pipe systems shall be maintained throughout the year.

Not more than the following number of heads shall be controlled by one "Type A" dry-pipe valve:

(b) For standard one-half ($\frac{1}{2}$) inch heads.....	400
(c) For Conran* one (1) inch heads.....	100
(d) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads	64

Where equipped with an approved quick-opening device the following number of heads may be controlled by one "Type A" dry-pipe valve:

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(e) For standard one-half ($\frac{1}{2}$) inch heads.....	600
(f) For Conran* one (1) inch heads.....	150
(g) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads	96
(h) When "Type B" valve is installed the actuating alarm system shall be designed to operate at a temperature lower than that required to open the sprinkler heads, and all connections between the alarm system and the dry-pipe valve shall be adequately protected against injury of any kind.	
When required by the administrative official having jurisdiction, the dead end of every feed main in such dry-pipe system shall be provided with an air relief valve or vent, so constructed as to be normally open in order to permit the free escape of air from the system, but to close automatically against the escape of water.	
Not more than the following number of heads shall be controlled by one "Type B" dry-pipe valve:	
(i) For standard one-half ($\frac{1}{2}$) inch heads	600
(j) For Conran* one (1) inch heads.....	150
(k) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads	96

Rule 40. Alarm Valve. All automatic wet pipe sprinkler systems shall be equipped with an alarm valve so constructed that a flow of water through a one-half ($\frac{1}{2}$) inch orifice will operate an electric or mechanical gong.

Dry pipe valves shall be equipped with a reliable device to give either an electrical or mechanical alarm.

When an electrically operated alarm is installed in connection with an alarm valve or dry pipe valve, the installation shall be made in conformity with the provision of Rule 41.

Rule 41. High and Low Water. Electric Alarm on Gravity and Pressure Tanks. All gravity tanks shall be equipped with a device to indicate when the water falls below or rises above the normal level in the tank, with an indicator and alarm located in the engineers' room near the pump.

All gravity and pressure tanks shall be equipped with a high and low alarm as hereinafter specified. The high and low gravity and the high and low pressure electric alarm shall be so constructed and arranged that when the water falls below or rises above the normal level in the gravity tank, and when the pressure falls below or rises above the predetermined level in the pressure tank, an audible and visible signal will be given in either the pump room or engineer's room.

The audible signalling device for high and low water and high and low pressure electric alarm shall consist of a vibrating gong of at least 3 inches in diameter of the enclosed type and arranged for conduit installation, the same to be operated automatically from an approved device indicating the level of water in the gravity tank and from the pressure gauge of pressure tank.

The audible signalling device for the alarm and dry pipe valves shall consist of an enclosed type 6-inch vibrating gong arranged for conduit installation. A closed circuit annunciator shall be provided in connection with the alarm system. The high and low tell-tale electric connections shall be so constructed that it will not be affected by moisture and the parts shall be heavy and rugged. The float shall be of approved type.

All wiring shall be installed in iron or steel conduits and the installation shall be in accordance with the provisions of Chapter 9 of the Code of Ordinances. Only approved closed circuit systems shall be installed. Control panels to operate the signalling equipment must be approved by the Board of Standards and Appeals. The control cabinet shall be located in the engineer's or pump room where it will be under the supervision of the person in charge of the sprinkler system.

The following sources of energy may be employed and are given in their order of preference:

1. Public utility electric light and power systems.
2. Electric light or power system (public utility or isolated plant) supplemented by storage battery either controlled by an automatic throw-over device or floating on the line and protected by a reverse current circuit breaker.
3. Storage batteries in duplicate.
4. Primary batteries of the closed circuit type.

When the system is connected to the 110 volt lighting service a suitable cut-out is to be provided and it shall be enclosed in a locked or sealed metal cabinet. The connection to the system shall be the first connection on the house side of and as near as practicable to the meter. When batteries are used to operate the system they shall be placed in an approved cabinet provided with a lock and key.

Rule 42. Heating of Tanks. The water in all sprinkler tanks subject to freezing shall be protected by internally heating the water or enclosing the tank in a frostproof house properly heated and lighted.

Rule 43. Concealed Pipe Systems. All pipe in concealed pipe systems shall be of standard full-weight wrought iron or steel, painted with two coats of protective paint, one before and one after installation. Such pipe as shall be installed in ducts or be encased in cement mortar shall be inspected prior to concealment. When installed in the concealed space between floor arches and ceiling, such pipe shall be supported by hangers and all pipe, fittings and hangers be protected with two coats of paint.

Rule 44. Preparation of Building. Floor or wall openings and other structural defects which prevent the banking up of heated air and retard the automatic action of sprinkler heads shall be provided with the necessary curtain boards and draft stops to permit specific control of the fire by the local sprinklers.

Curtain boards shall project at least three (3) inches below the lowest sprinkler.

Rule 45. Approval of Sprinkler System. Before acceptance all automatic sprinkler systems, excluding the water supply tanks, shall be subjected after installation to a hydrostatic pressure test of at least one (1) hour's duration at not less than fifty (50) pounds per square inch in excess of that which will be normally carried and observed in the sprinkler system, such test pressure, however, to be not less than one hundred and fifty (150) pounds per square inch in any part of the system.

All pressure tanks shall be tested after erection to a test pressure of one and one-half ($1\frac{1}{2}$) times the working pressure. To prevent the possibility of serious water damage in case of a break, the pressure shall be maintained by a small pump, the main controlling gate being meanwhile kept shut. Brine or other corrosive chemicals shall not be used for testing systems.

In automatic dry-pipe systems with "Type A" valve control, an air pressure of forty (40) pounds per square inch shall be pumped up, be held for twenty-four (24) hours, and all leaks stopped which allow a loss of pressure of over two (2) pounds per square inch for the twenty-four (24) hours.

In the case of automatic dry-pipe systems with differential "Type A" valve, the valve shall be held off its seat during the test to prevent injuring the valve.

Non-automatic systems shall be tested after installation at not less than fifty (50) pounds per square inch in excess of the pressure necessary to reach the highest line of sprinklers.

All tests of installed systems shall be made by the contractor in the presence of the Fire Commissioner, or his authorized representative.

RULES

No piping, devices nor any portion of a newly constructed sprinkler system shall be covered up or permanently concealed until tested by the Bureau of Fire Prevention and approved of in writing, except piping passing through floors, walls, partitions or beams for distances equal to the thickness of such floors, walls, partitions or beams.

Rule 46. Non-fireproof Business Buildings. Automatic sprinklers required in non-fireproof business buildings under the provisions of Chapter 5, Article 4, Section 72, Subdivision L, Code of Ordinances, shall consist of at least a One Automatic Source System, except buildings used as freight depots, car barns, stables, garages, factories and grain elevators which sprinkler systems shall be supplied by any two of the automatic sources or one of the automatic sources and a fire pump as described in rules 9 and 10.

Rule 47. Department Stores. Wet sprinkler systems shall be required in all department stores and where the floor area on any story or cellar exceeds 20,000 square feet, the system shall be supplied by two of the automatic sources as provided for in Rule 14.

Rule 48. Factories and Other Buildings. Where the Labor Law or the Code of Ordinances require automatic sprinkler systems, or where any of the requirements of the Labor Law or Code of Ordinances are waived because of the installation of an automatic sprinkler system, such sprinkler systems, unless specifically otherwise required by the Fire Commissioner, Code of Ordinances, Labor Law, or these rules, shall have at least the following sources of supply installed in accordance with these rules:

1. A Gravity tank and siamese, or
2. A Pressure tank and siamese, or
3. A direct 6 inch connection to the City water supply fed two ways, capable of furnishing water at not less than 15 pounds per square inch static—pressure at the highest line of sprinklers below the main roof, and the required siamese.

Rule 49. Theatre Buildings. Automatic sprinklers required in theatre buildings under the provisions of Chapter 5, Article 25, Section 524, Code of Ordinances, shall consist of at least a One Source Automatic System.

Rule 50. Firework Storage. Automatic sprinklers required in buildings in which fireworks are stored or sold under the provisions of Chapter 10, Article 6, Section 92, Code of Ordinances, shall consist of either of the two automatic sources as provided in Rule 14.

Rule 51. Nitro-Cellulose Products. Automatic sprinklers as required in buildings in which nitro-cellulose products are stored under the provisions of Chapter 10, Article 19, Section 232, Code of Ordinances, shall consist of a system supplied from both approved gravity tank supply and an approved pressure tank supply, except that no change shall be required in supplies to automatic sprinkler equipments previously approved by the Fire Commissioner as two source systems, in conformity with the provisions of this rule as in force up to December 1, 1921.

In buildings wherein are stored or handled only limited quantities of nitro-cellulose products, not exceeding 500 pounds, the automatic sprinklers may consist of either of the two automatic sources as provided for in Rule 14.

Rule 52. Inflammable Motion-Picture Films. Automatic sprinklers, required in buildings in which inflammable motion-picture films are stored under the provisions of Chapter 10, Article 20, Section 241, Code of Ordinances, shall consist of a system supplied from both an approved gravity tank supply and an approved pressure tank supply except that no change shall be required in supplies to automatic sprinkler equipments previously approved by the Fire Commissioner as two source systems in conformity with the provisions of this rule as in force up to December 1, 1921.

Rule 53. Sprinkler Protection for Special Hazards in Non-Sprinklered Buildings Not Provided for by Laws or Ordinances or in These Rules.

Sprinkler heads and piping may be provided on ceilings of enclosed rooms, closets, shafts, or other spaces which are used as carpenter shops, upholstering rooms, paint shops, waste paper rooms, old record storerooms, trunk and general storage rooms in hotels, offices or other buildings, and in stores and showrooms or where nitro-cellulose products or inflammable photographic or X-ray film is stored or used, or in ice boxes of cold storage plants.

The number and type of sprinkler heads, spacing and size of pipe, location and number of valves, method of draining lines, water flow or other alarms, shall be as required by the Fire Commissioner to properly protect the special hazard.

The source of water supply where required may be taken from the house supply tank or other sources of water supply, except that no connection shall be taken from the standpipe system or from the feed line to boilers. In all cases there shall be sufficient water to provide 20 gallons of water per head for 30 minutes and, further, that the pressure on any sprinkler line shall, where practicable, be not less than 15 pounds static pressure.

Rule 54. Existing Installations and Approvals. Automatic sprinkler systems and devices heretofore installed shall not be required to conform to these rules where the fire hazard due to construction and occupancy of the building is not increased or where substantial additions or extensions in height or area is made to the building when these rules shall apply if deemed advisable or necessary by the Fire Commissioner.

Rule 55. Communicating Openings. When a building fully equipped with sprinklers communicates with another not so equipped the openings must be protected by approved fire doors on both sides of the wall, one of which must be automatic.

Rule 56. Maintenance Inspection. Automatic sprinkler systems shall be inspected at least once a month by the person in charge of the building, or by other competent person employed by the owner, to see that all parts of the system are in perfect working order, and the fire department connection or connections, if any, ready for immediate use by the Fire Department. A detailed record of each inspection shall be kept for examination by a representative of the Fire Department.

There shall be kept available at all times in the premises a supply of extra sprinklers, never less than six (6), to replace promptly any fused or damaged sprinklers. And there shall be one or more employees instructed in the maintenance of sprinkler system.

Saving Clause. All rules and regulations previously adopted and conflicting with these rules are hereby rescinded.

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

APPROVED APPLIANCES

Burners for Industrial Use			
Name of Burner	Calendar No.	Name of Burner	Calendar No.
Air-Blast Oil Burner.....	579-32-SA	Micron Oil Burner	345-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Midget Oil Burner.....	155-34-SA
Auto Heat Oil Burner.....	284-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Morse Fuel Oil Burner.....	820-23-SA
Ballard Jr. Oil Burner.....	1176-27-SA	National Airoil High Pressure Burner.....	185-29-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	National Airoil Low Pressure Burner.....	186-29-SA
Berggren Oil Burner.....	764-26-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Best Calorex Burner.....	1464-21-SA	National Barley Rotary Oil Burner.....	197-33-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	Nichols-McCann-Harrison Burners	255-31-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	North American Low Pressure Oil Burner....	792-26-SA
Bock Oil Burning Water Heater.....	102-34-SA	Oilbilt Burner	85-33-SA
Brighton Oil Burner.....	372-33-SA	Oronoque Oil Burner.....	394-30-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Packard Fuel Oil Burner.....	77-34-SA
Burnwell Mechanical Burner.....	957-22-SA	Paramount Oil Burner, Model A.....	617-30-SA
Caloroil Burner, Type AA.....	1361-24-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Coen Mechanical Oil Burner	942-21-SA	Petro Model W Oil Burner.....	452-31-SA
Concord Burner	108-35-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	Presto Automatic Oil Burner.....	294-34-SA
D'Elia Oil Burner.....	155-31-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
DeWalt Oil Burner.....	541-31-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
Doe Oil Burner.....	317-31-SA	Quinn Oil Burning Equipment.....	367-21-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Enco Mechanical Oil Burner.....	509-30-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Rockwell Fuel Oil Burner	341-21-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Forsdraft Oil Burner.....	41-34-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	S. K. Oil Burner, Model F.....	369-33-SA
Gem Fuel Oil Burner.....	111-26-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Ghapco Steam Generator.....	348-31-SA	Standardyne Oil Burner.....	34-34-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Steam Oil Burner.....	183-22-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Sun Heat Oil Burner.....	603-29-SA
Grant Oil Burner, Model "C".....	232-32-SA	Sun-Ray Fuel Oil Burner.....	106-33-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Sunway Oil Burner.....	624-30-SA
Hammond Oil Burner.....	72-31-SA	Surface Combustion Low Pressure Burner....	92-23-SA
Harris Fuel Oil Burner.....	690-30-SA	Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA
Hart Oil Burner, Model "H".....	221-33-SA	Tate-Jones No. 6 Oil Burner.....	1444-23-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	Timken Rotary Oil Burner.....	297-29-SA
Hayward Oil Burner.....	696-30-SA	Timken Silent Automatic Oil Burner, Model G	266-34-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	Todd Mechanical Fuel Oil Burner.....	1525-22-SA
Hobeco Oil Burner.....	1278-21-SA	Todd Rotary Burner, Models A, B and C....	454-25-SA
Holby Oil Burner.....	328-27-SA	Todd Spiro Oil Burner.....	470-31-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Todd Spiro Burner (pump type).....	94-32-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Vapofier Oil Burner.....	184-34-SA
Korth Oil Burner, Model G.	136-34-SA	Vapomatic Oil Burner	275-34-SA
Kreager Oil Burner.....	367-30-SA	Vaporoil Burner	44-32-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Wheco Oil Burner.....	108-34-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Liberty Automatic Heater.....	129-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Liberty Pressure Oil Burner.....	75-34-SA	Yorktown Oil Burner.....	166-33-SA
Leintz Oil Burner.....	155-20-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Lonergan Automatic Oil Burner.....	208-33-SA		
Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA		
Magna Fuel Oil Burner.....	197-33-SA		
Mahrvel Low Pressure Burner.....	859-26-SA		
Maxon Oil Burner (New Style).....	1026-22-SA		
May Oil Burner.....	68-24-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
 328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.
 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
 628-23-SA—Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15.
 443-26-SA—American Anti-Syphon Valve.
 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
 345-31-SA—Silent Glow Oil Burner, Models 3800, 6800 and 8800.
 209-32-SA—Croker 4-inch Siamese.
 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
 528-32-SA—Weldon Extinguisher.
 23-33-SA—Sunrex Range Oil Burner.
 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
 164-33-SA—Firemaster Fire Extinguisher.
 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
 349-33-SA—Herco Oil Burner.
 32-34-SA—Super Oil Burner for Pressing Machine.
 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).
 156-34-SA—Allen's Siamese Connections for Fire Department use.

- 165-34-SA—Rose Oil Heater.
 203-34-SA—King Oil Burner.
 205-34-SA—Automatic Firetox Extinguisher.
 224-34-SA—Progressive Press Machine Oil Burner.
 234-34-SA—Bland Range Oil Burner.
 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
 301-34-SM—"Radbur" Flameproofing Compound.
 302-34-SA—Loyalty Range Burner.
 321-34-SA—Shawmut "Junior" Range Burner.
 322-34-SA—Shawmut "DeLuxe" Range Burner.
 325-34-SA—Diamond Range Oil Burner.
 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
 29-35-SA—Aetna Range Oil Burner.
 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
 47-35-SA—Ace Rotary Oil Burner.
 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
 65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.
 85-35-SA—Greenawalt Down Draft Combustion Oil Burning Furnace.
 89-35-SA—Siphon-Proof Water Closet, Type "A".
 97-35-SA—Roper Rotary Pump for Fuel Oil.
 102-35-SA—Range-O-Matic Oil Pump, Pressure and Suction Model and Model 50.
 113-35-SA—Ryan Marvel Oil Burner, Model M.
 122-35-SA—Midget Pressing Machine Oil Burner, Model P.
 133-35-SA—Monarch Industrial Oil Burner.
 134-35-SA—Fluid Heat (Gun Type) Oil Burner, Model P.
 135-35-SA—Loyalty Conversion Hot Water Heater.
 139-35-SA—Syncro-Flame Oil Burner, Model R.
 146-35-SA—Stewart Gasifier Oil Burner.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the ease or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant, applicant or petitioner of record.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

PROGRESS REPORT

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Requests for approval of plans	7	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	29
Requests for interpretation	0	Requests for extension of time denied	0
Total	721	Requests for extension of permit granted	6
Disposed of	566	Requests for extension of permit denied.....	1
Cases pending June 19, 1935	155	Requests to install granted.....	0
		Requests to install denied	0
		Plans approved	7
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		Interpretations	0
		Requests withdrawn or dismissed	17
		Total	566

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK



Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription JULY 2, 1935 Single Copies, 5 cents No. 27
\$2.50 a year By mail, 8 cents

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELLIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, June 25, 1935, at 2 P. M.

Notice of Public Hearing on Proposed Amendment of Oil Burner Rules.

Plumbing Rules.

Concrete Rules (Hydrated Lime).

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, July 1, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, July 8, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

New Cases Filed up to June 26, 1935.

<i>Cal. No.</i>	<i>Department</i>	<i>Premises Affected.</i>
176-35-SA....	F.D.....	Gould Automatic Oil Burner, Appliance.
175-35-SA....	F.D.....	National Transit Rotary Pump for Gasoline and Fuel Oil, Appliance.
174-35-A.....	D.B.B.....	273-277 Brighton Beach avenue, (Block No. 7284, Lot 1131) Brooklyn, 6024-LF.
173-35-A.....	D.B.M.....	503-505-507 East 55th street (Block 1371, Part of Lot 38), Manhattan, Alt. 132-35.
172-35-SA....	F.D.....	Florence Oil Space Heaters—Models PH-28 & PH-8, Appliance.
171-35-SA....	F.D.....	Florence Cabinet Heaters, Models CJ-1, CJ-2, CJ-21 & C-2, Appliance.
170-35-A.....	D.B.M.....	16 East 18th street (Block No. 846, Lot 65), Manhattan, 22164-F.
169-35-A.....	D.B.M.....	442 Lafayette street and 4-8 Astor place (Block No. 545, Lots 28 and 33), Manhattan, 22116-F.
168-35-BZ....	D.B.Bx....	841-847 East 149th street, north east corner of Union avenue (Block No. 2674, Lots 17-18-19-29), Bronx, App. 286-35.
167-35-SA....	F.D.....	Serv-Well Water Heater—Models 255A-255B, Appliance.
166-35-SA....	F.D.....	Serv-Well Space Heater—Models 247T-248, Appliance.
165-35-SA....	F.D.....	Serv-Well Range Oil Burner—Models 27B-27T, Appliance.
164-35-SA....	F.D.....	United Iron Works Centrifugal Pump for Gasoline and Fuel Oil—Type M—Motor Mounted Pump, Appliance.
163-35-SA....	F.D.....	United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type (Single Stage Vertical Pump), Appliance.
162-35-A.....	D.B.Q.&F.D...	37-59 Railroad avenue (Block 312, Lots 263, 267, 273), Long Island City, Queens, Decision of Fire Department App. 2337-35.
161-35-BZ....	D.B.Q.....	22-16 75th street west side 120 feet south of Ditmars boulevard (Block 1006, Lot 12), Jackson Heights, Queens, App. 2311-34.

Restored To Calendar.

4-34-BZ....	D.B.Bx....	White Plains avenue west side 168.51 feet south of 228th street (Block 4829, Lot 11), Bronx, N. B. 171-1935.
169-20-BZ....	D.B.B.....	1617-1627 Neptune avenue and 3127-3131 Crousev avenue, north east corner (Block 6995, Lot 1), Brooklyn, Alt. No. 6711-35.

297-34-BZ....D.B.B.....2705-2715 Nostrand avenue, east side 360 feet north of Avenue N (Block 7666, Lot 25), Brooklyn, App. No. 11734-34.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

	<i>Last Publication in Bulletin</i>
Certificate of Occupancy, approved forms	Aug. 2, 1932—Vol. 17, No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19, No. 49
Concrete Rules (Hydrated Lime).....	July 2, 1935—Vol. 20, No. 27
Elevator Rules	May 21, 1935—Vol. 20, No. 21
Exit Rules (Revolving Doors).....	Jan. 1, 1935—Vol. 20, No. 1
Factory Exit Rules.....	June 4, 1935—Vol. 20, No. 23
Fire Alarm Rules (Interior).....	May 28, 1935—Vol. 20, No. 22
Fire Drill Rules	June 4, 1935—Vol. 20, No. 23
Fire Retarding Rules for Garages, etc.	June 25, 1935—Vol. 20, No. 26
Fireproof Wood, Testing of.....	Apr. 9, 1935—Vol. 20, No. 15
Frame Garages, Ruling for.....	Jan. 21, 1919—Vol. 4, No. 3
Gas Shut-Off Rules.....	Apr. 7, 1925—Vol. 10, No. 14
Hatchway Protection.....	June 5, 1928—Vol. 13, No. 23
Oil Burner Rules.....	June 11, 1935—Vol. 20, No. 24
Paint, Varnish and Lacquer Spray- ing Rules.....	Nov. 27, 1934—Vol. 19, No. 48
Plumbing Rules.....	July 2, 1935—Vol. 20, No. 27
Procedure, Rules of.....	May 7, 1935—Vol. 20, No. 19
Refrigerating Systems, Extract C.O. May	14, 1935—Vol. 20, No. 20
Smoking in Factories, Rules for....	June 4, 1935—Vol. 20, No. 23
Sprinkler Rules.....	June 25, 1935—Vol. 20, No. 26
Standpipe Fireline Rules.....	June 18, 1935—Vol. 20, No. 25
Structural Alterations, Reporting....	June 7, 1932—Vol. 17, No. 23
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)....	Apr. 10, 1923—Vol. 8, No. 15

COURT DECISION

Matter of Cirrito (Board of Standards and Appeals)—May 2, 1933, Board denied gas station in business district, under section 21, Cal. No. 14-33-BZ, Premises S. S. Conduit boulevard, 19 ft. 9 ins. West of Crescent street, Brooklyn, Mr. Justice Smith reversed Board on recommendation of Reference. (N. Y. L. J. November 2, 1934. Appellate Division reversed Special Term and sustained Board and the law and the facts. (N. Y. L. J. June 22, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, JULY 1, 1935, AT 2 P. M.

Building Zone Cases.

362-34-BZ	APPLICANT—Abraham N. Horwitz, for 1230 Jerome Avenue Corp., owner.
	PREMISES—1230-1234 Jerome avenue, east side, 165 feet 6 inches north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.
	APPLICATION, under section 21 of the building zone resolution (reopened April 30, 1935), TO PERMIT in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.
81-35-BZ	APPLICANT—R. T. Schaefer, for Jesse Abrams, owner.
	PREMISES—2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

CALENDAR

APPLICATION, under sections 7g and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station.

120-35-BZ

APPLICANT—Maxwell A. Cantor, for Andon E. Andon, owner.

PREMISES—63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

137-35-BZ

APPLICANT—Samuel Rosenblum, for Emigrant Industrial Savings Bank, owner.

PREMISES—113-123 West 51st street and 112-118 West 52nd street (Block No. 1004, Lot Nos. 19-23 and 41-44), Manhattan.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

JULY 2, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution. *Tuesday morning, July 2, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 106-35-BZ—Application, April 22, 1935, under section 21 of the building zone resolution, of Fertig, Walter and Gottesman, applicants, on behalf of Michael Tuch, owner, to permit in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.); premises 153-14 90th avenue, south side, 100.08 feet east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

CAL. NO. 115-35-BZ—Application, May 3, 1935, under sections 7c and 21 of the building zone resolution, of Eugene De Rosa, applicant, on behalf of Amsterdam Apartments, Inc., owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a motion picture theatre, stores and offices; premises 361-363 West 23rd street, north side, 150 feet 1½ inches east of 9th avenue and between 346-348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

CAL. NO. 567-32-BZ—Application of Raymond B. Stringham, on behalf of A. C. & H. M. Hall Realty Company, owner, reopened May 14, 1935, under section 21 of the building zone resolution, to permit the amendment of a resolution, granting in a business district the alteration and change of occupancy of an existing building to a

garage for more than five (5) motor vehicles, so as to include an additional vehicular driveway and also, the alteration and change of occupancy of part of said garage to include a gasoline service station; premises 3320-3338 Broadway, east side, from West 134th to West 135th streets (Block No. 1988, Lot No. 1), Manhattan.

CAL. NO. 150-35-BZ—Application, June 11, 1935, under section 21 of the building zone resolution, of Walter C. Martin, applicant, on behalf of Board of Education, city of New York, owner, to permit in a residence use and also "E" area district the erection of the street wall of a building, less than ten (10) feet from the building line; premises 4001-4023 Fillmore avenue, 1837-1883 Kimball street and 1838-1884 Coleman street (Block No. 8484, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JULY 2, 1935, 2 P. M.

Appeals from Administrative Orders.

41-35-A—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

153-35-A—335-341 Canal street, northwest corner of Greene street (Block No. 229, Lot Nos. 1 and 2), Manhattan.

162-35-A—37-59 Railroad avenue, west side, 440 feet south of Greenpoint avenue (Block No. 312, Lot Nos. 263, 267 and 273), Long Island City, Borough of Queens.

174-35-A—273-277 Brighton Beach avenue, (Block No. 7284, Lot No. 1131), Brooklyn.

Appliances Submitted for Approval.

156-35-SA—Gillespie Elevator Shaft Door Switch.

157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.

158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27 and CSP19.

159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.

160-35-SA—Automatic Products Co. Constant Level Oil Burner Controls, Models 73B, 77, 261 and Model 240. Types (MAM), (MAE), (MAW), (BM), (U-nr), (P), (E) and (W-er 1).

165-35-SA—Serv-Well Range Oil Burner, Models 27B and 27T.

166-35-SA—Serv-Well Space Heater, Models 247T and 248.

167-35-SA—Serv-Well Water Heater, Models 255A and 255B.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution. *Tuesday afternoon, July 2, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 401-31-BZ—Application of Apperson Realty Corp., owner, reopened June 11, 1935, for amendment and extension of time—re application, under section 21 of the building zone resolution, permitting in

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a business district the erection and maintenance of a gasoline service station; premises 1-19 Fifth avenue, 622-628 Atlantic avenue and 623-627 Pacific street (Block No. 1119, Lot No. 1), Brooklyn.

CAL. NO. 27-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Bertha Schrank, owner, to permit in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station; premises 3618-3640 Bailey avenue, east side, 100 ft. south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

CAL. NO. 110-35-BZ—Application, April 25, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of 2210 Grand Concourse, Inc., owner, to permit in a residence district the erection and maintenance of a business building (stores); premises 2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), The Bronx.

CAL. NO. 431-31-BZ—Application of Anna Segall, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362, Lot No. 1), Brooklyn.

CAL. NO. 556-26-BZ—Application of John F. Meehan, for Avoncel Realty Co., owner, reopened June 19, 1934, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; a previous application on these premises to permit the erection and maintenance of more than five (5) individual garages and also a gasoline service station was denied by the Board (laid over for a full vote of the Board October 30, 1934; restored to active Calendar June 18, 1935); Premises 501 West 180th street and 2418 Amsterdam avenue, northwest corner (Block No. 2152, part of Lot Nos. 82, 83, 84 and 85), Manhattan.

HARRIS H. MURDOCK, *chairman*.

CALL OF CLERK'S CALENDAR MONDAY, JULY 8, 1935, AT 2 P. M.

Building Zone Cases.

101-32-BZ.

APPLICANT—Joseph Schafran, for Thema Rosen, owner.
PREMISES—2871 Bailey avenue, west side, 182.28 feet south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages.

105-35-BZ.

APPLICANT—William Kaufman, owner.

PREMISES—50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

APPLICATION, under sections 7-B and 21 of the building zone resolution,

TO PERMIT the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot.

533-28-BZ.

APPLICANT—Eugene De Rosa, for 2291 Realty Corporation, owner.

PREMISES—2255-2291 Grand Concourse, west side, 93 feet south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened May 21, 1935),

TO PERMIT in a residence district the erection and maintenance of a business building (theatre, stores and restaurant).

JULY 9, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, July 9, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 107-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of Scacchetti & Siegel, applicants, on behalf of the Estate of Julian Ismay Jones, infant, owner; Mary Ismay Sullivan, general guardian, to permit upon a plot of ground located partly in an unrestricted district and partly in a business district the erection and maintenance of a building to be used as a garage for more than five (5) motor vehicles and motor vehicle repair shop and, also, a gasoline service station; premises 1301-1305 Jerome avenue and 1-9 West Clarke place, northwest corner (Block No. 2856, Lot Nos. 60 and 63), The Bronx.

CAL. NO. 116-35-BZ—Application, May 7, 1935, under section 21 of the building zone resolution, of Andrew F. Weber, applicant, on behalf of Ann H. Draper, owner, to permit in a residence district the alteration and change of occupancy of part of an existing dwelling so as to include a business use (undertaking establishment); premises 103-44 Springfield boulevard, northwest corner of Hollis avenue (Block No. 2008, Lot No. 22A), Queens Village, Borough of Queens.

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CAL. NO. 641-30-BZ—Application of Michael Shanley, on behalf of 2508 Broadway, Inc., owner, reopened April 23, 1935, under sections 7f and 21 of the building zone resolution, to permit partly in a business use district and partly in a residence use district, the maintenance of a gasoline service station for a further period of two (2) years; premises South side of Hillside avenue, 41 feet east of 207th street (Block No. 1508, Lot Nos. 3, 4 and 5), Queens Village, Borough of Queens.

CAL. NO. 203-33-BZ—Application of Lama and Proskauer, on behalf of Borden's Farm Products Co., Inc., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; (previously withdrawn); premises 365-379 Fourth avenue, east side, 20 feet north of 6th street (Block No. 987, part of lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *chairman*.

JULY 9, 1935, 2 P. M.

Appeal from Administrative Order.

18-35-A—900-910 Jamaica avenue and 5-9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, July 9, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 334-29-BZ—Application of Walter H. Volckening, on behalf of Famous Red Ash Coal Co., lessee (21 year lease), reopened June 18, 1935 for consideration of an amendment to resolution to permit the erection of a portion of the required fence of wood instead of masonry—re application, granted, under section 21 of the building zone resolution, permitting in a residence district the extension and addition to an existing use—coal pockets and business building; premises 1876-1878 50th street, south side 100 feet west of 19th avenue and 1853-1877 51st street, north side, 100 feet west of 19th avenue (Block No. 5461, Lot No. 36), Brooklyn.

CAL. NO. 100-34-BZ—Application of Samuels and Samuels, on behalf of Kariene Burke, owner, reopened June 4, 1935 for consideration of an amendment to the resolution of July 3, 1934 as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 138-50 Jamaica avenue and 89-11 138th place, south east corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

JULY 12, 1935, 2 P. M.

SPECIAL MEETING.

Rules

217-21-SR—Oil Burner Rules, Proposed Amendment of.

CALL OF CLERK'S CALENDAR

MONDAY, JULY 15, 1935, AT 2 P. M.

Building Zone Cases.

2-35-BZ.

APPLICANT—Jacob Lubroth, for Mipan Property, Inc., owner.

PREMISES—5313-5323 Avenue D and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop.

101-35-BZ.

APPLICANT—Rose Rothenberg, for Maximilian Realty Co., Inc., owner.

PREMISES—659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the maintenance of a business use (restaurant).

124-35-BZ.

APPLICANT—Samuels & Samuels, for Carl P. Gronbeck, owner.

PREMISES—242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

142-35-BZ.

APPLICANT—Edwin C. Georgi, for Riverside Crematory, Inc., owner.

PREMISES—1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district).

JULY 16, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, July 16, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 1066-25-BZ—Application of Roland Lievendag, owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the

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alteration of a garage for more than five (5) motor vehicles (with permit for sale of gasoline), which was granted by the board on March 30, 1926 (and extended into the residence district under Cal. No. 74-28-BZ), so as to form an alcove gasoline service station; premises Northwest corner of 46th avenue (Queens avenue) and 164th street (24th street); (Block No. 5442, Lot No. 81), Flushing, Borough of Queens.

CAL. NO. 79-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Patrick Filomio, applicant, on behalf of Filomio Building Corp., owner, to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop; premises 3223 Laconia avenue, west side 81.41 feet north of Boston road (Block No. 4613, Lot No. 54), The Bronx.

CAL. NO. 95-35-BZ—Application, April 11, 1935, under sections 7A and 21 of the building zone resolution, of Frank V. Laspia, applicant, on behalf of Stanley Gorski, owner, to permit in a residence district the change of occupancy of an existing building (located on the rear of the lot) to a knitting mill; premises 423 Barbey street, east side, 150 feet north of Belmont avenue (Block No. 4013, Lot No. 3), Brooklyn.

CAL. NO. 104-35-BZ—Application, April 18, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Angelino Agostino, owner, to permit partly in a business district, and partly in an unrestricted district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 5809-5813 Bay parkway, east side, 80 feet 8 $\frac{3}{8}$ inches north of 59th street (Block No. 6547, Lot Nos. 5 and 7), Brooklyn.

CAL. NO. 161-35-BZ—Application, June 19, 1935, under section 21 of the building zone resolution, of John M. Baker, applicant, on behalf of Adelaide Sundheimer, owner, to permit in a residence use and "E" area district the erection and maintenance of a building (dwelling) not

conforming with "E" area requirements; premises 22-16 75th street, west side, 120 feet south of Ditmars boulevard (Block No. 1006, Lot No. 12), Jackson Heights, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

JULY 16, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, July 16, 1935, at 2 o'clock*, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 61-35-BZ—Application, March 8, 1935, under section 21 of the building zone resolution, of W. H. Harrington, applicant, on behalf of Joseph L. Fries Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

CAL. NO. 297-34-BZ—Application of Enmor Realty Corporation, owner, reopened June 25, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 2705-2715 Nostrand avenue, east side, 360 feet north of Avenue N (Block No. 7666, Lot No. 25), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, JUNE 25, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

51-35-BZ.

APPLICANT—W. H. Harrington, for Jos. L. Fries Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

APPEARANCES—

For Applicant: W. H. Harrington and Joseph Fries.

For Opposition: L. C. Squire, Samuel Jacobs.

ACTION OF BOARD—Laid over to July 16, 1935, at 2 P. M., for report of committee on inspection. No further argument.

78-22-BZ.

APPLICANT—Granada Amusement Corporation, owner.

SUBJECT—Request for reopening—amendment—re application (decision of the superintendent of buildings) under section 7c to permit partly in a business district and partly in a residence district.

PREMISES AFFECTED—51-59 Burnside avenue, northeast corner of Walton avenue (Block No. 3178, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Eli H. Stillman.

For Opposition: Rose Tendrick.

ACTION OF BOARD—Request to reopen, withdrawn.
THE VOTE TO WITHDRAW REQUEST TO RE-OPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

20-35-BZ.

APPLICANT—Maxwell A. Cantor, for Andon E. Andon, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application for preferential hearing granted. This case is on Call Calendar for July 1, 1935, to be set for hearing July 16, 1935, 10 A. M.

THE VOTE TO GRANT PREFERENTIAL HEARING:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

510-32-BZ.

APPLICANT—Arthur W. Renander, for Hermine Weber, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to the Calendar May 15, 1934).

PREMISES AFFECTED—135-15 to 135-23 Rockaway boulevard and 120-32 to 120-38 Van Wyck boulevard, northwest corner (Block No. 2558, Lot Nos. 1 and 3), South Ozone Park, Borough of Queens.

APPEARANCES—

For Applicant: Arthur W. Renander.

For Opposition: Samuel Seid, William Kerwick, Abraham Alport.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(510-32-BZ)

WHEREAS, David G. McConnell, for Sadie Smith, owner, filed September 29, 1932, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station, premises 135-15 to 135-23 Rockaway boulevard and 120-32 to 120-38 Van Wyck boulevard, northwest corner (Block No. 2558, Lot Nos. 1 and 3), South Ozone Park, Borough of Queens; and

WHEREAS, these premises were the subject of an inspection and report by a committee of the board which report was read at the public hearing on this application on February 3, 1933, and which report recommended the application be denied; and

WHEREAS, after the reading of the report the then applicant withdrew his application; and

WHEREAS, Arthur W. Renander, on behalf of the present owner Hermine Weber, requested a reopening of the case and the case was reopened by vote of the board May 15, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 25, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Van Wyck boulevard is in a business district; Rockaway boulevard is in a business district; 135th place is in a residence and business district and 135th street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 21, 1935, re app. No. 2168-1932, reads:

"The erection of a gasoline service station in a business district is contrary to article 2, section 4 of the zone law."

and

WHEREAS, the premises consist of an irregularly shaped plot of ground having a frontage of 99.4 feet on Rockaway boulevard and approximately 125 feet on Van Wyck boulevard, upon which it is proposed to erect an irregular "T" shaped structure to be used for grease pits, auto laundry and office and also, the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board on June 20th, 1935, prior to the hearing, verbal report of which inspection was made by the chairman on behalf of the committee; and

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WHEREAS, this report recommended the denial of the application under section 21 of the building zone resolution; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution—practical difficulties and unnecessary hardships—and, therefore, was not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

86-35-BZ.

APPLICANT—Elias K. Herzog, for Frances Foster, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of a multiple dwelling to business use (stores).

PREMISES AFFECTED—1750 Davidson avenue, southeast corner of West 176th street (Block No. 2861, Lot Nos. 67 and 69), The Bronx.

APPEARANCES—

For Applicant: Elias K. Herzog.

For Opposition: Henry C. Eidenbach.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(86-35-BZ)

WHEREAS, Eliaz K. Herzog, for Frances Foster, owner, filed March 29, 1935 an application under the building zone resolution to permit in a residence district the alteration and change of occupancy of part of a multiple dwelling to business use (stores), premises: 1750 Davidson avenue, southeast corner of West 176th street (Block No. 2861, Lot Nos. 67 and 69), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 25, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Davidson avenue is in a residence district; Jerome avenue is in a business district; West 176th street is in a business and residence district and East 176th street is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered dated March 27, 1935, re Alt. Applic. No. 75-1935, reads:

"1. Since building is in a residence district proposed store is unlawful. Section 3 zone resolution."

and

WHEREAS, the building is of non-fireproof construction 6 stories, cellar and sub-cellar in height, with a frontage of 103 feet 3 inches on West 176th street and 111 feet 7 inches on Davidson avenue, occupied as an apartment house; it is proposed to alter a portion of the sub-cellar to a store; and

WHEREAS, the board is familiar with the site, a committee of the board having inspected same prior to the hearing; and

WHEREAS, the board deems that applicant has substantiated the basis of his appeal as to part of the relief requested and is entitled to a variation of the zoning restrictions under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 only so far as it refers to the proposed store to occupy the

space of the existing storage room at the sub-cellar level as shown on plans filed with this appeal, on condition that the entire ceiling of the store shall be fireproof or fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall be no openings of any nature in the ceiling of the store to other parts of the building; that there shall be no opening through the walls of the store to any other portion of the building; that any windows opening on the existing rear yard shall have fireproof frames and sash glazed with wire glass and made self-closing; that the existing rear yard shall be left at all times unobstructed and that the gate of the exit shall be openable from the yard side to provide ready exit at all times; that all permits required shall be obtained within three months from the date of this action and all work completed within six months from the date of this action.

103-35-BZ.

APPLICANT—Michael Levine, for Angelo Dell'Abate and Louis Piccola, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33), Brooklyn.

APPEARANCES—

For Applicant: Michael Levine.

For Opposition: Frank A. Kister, Morris Dolinsky, Henry A. Bruder.

ACTION OF BOARD—Application granted on condition.

THE VOTE:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(103-35-BZ)

WHEREAS, Michael Levine, for Angelo Dell'Abate and Louis Piccola, owners, filed April 17, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33) Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 25, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Utica avenue is in a business district; Flatlands avenue is in a business district; East 51st street is in a residence and business district and Avenue K is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered April 4, 1935, re application No. 3221-1935, reads:

"Application denied, proposed gasoline station in a business district is contrary to article 2, section 4, subdivision 46 of the zone resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 56 feet 1 inch on Utica avenue and 99 feet 7 inches on Flatlands avenue—upon which it is proposed to erect a one-story office and auto laundry structure, 38 feet by 20 feet in area, grease lifts and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the chairman stated that the board was familiar with the site under appeal, a committee of the board having inspected same prior to the hearing; and

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WHEREAS, the board deems that the applicant is entitled to temporary relief under section 21 of the building zone resolution and that a gasoline service station for a period of five years may be erected with such restrictions as the board deems will protect the adjoining affected property owners.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 thereof for a period of five years from the date of this action, *on condition* that there shall be constructed on the interior lot line to the north a brick wall not less than 8 feet in height; that lot line walls may start at the height of four feet (4 ft.) at Utica avenue and be graduated at the rate of one foot in four to the 8-foot height; that the accessory building shall be erected toward the northerly side of the property, as indicated on plans filed with this appeal and shall not exceed one story in height; that the northerly walls of these accessory buildings may be incorporated as part of the lot line wall; that there shall be no windows in this wall opening upon abutting property; that there shall be no open grease lifts; that if greasing is to be done on the premises it shall be within an enclosed building having an open front; that the accessory buildings shall be made of fireproof materials throughout, except that the roof boarding, window frames and sash and door frames and doors may be made of wood, providing the ceiling throughout is fire-retarded in accordance with the rules of the Board of Standards and Appeals and that the roof weather surfacing is of non-inflammable material; that the exterior of the accessory buildings and walls shall be of face brick with stone or terra cotta trimmings; that the entire plot shall be graded substantially to the grade of Flatlands and Utica avenues and shall be cement paved or paved with tarvia or equivalent material; that no gasoline pumps shall be erected nearer than 12 feet from the building lines of Flatlands and Utica avenues; that there shall be erected along the building line of Utica avenue and Flatlands avenue a reinforced concrete curbing not less than 5 inches in height with rounded top and 12 inches in width with not over two openings to Utica avenue and two openings to Flatlands avenue, these openings not to exceed a combined width of 35 feet on each street and no part of any opening shall be nearer than 5 feet to the northerly interior lot line nor 5 feet from the corner formed by the intersection of Utica and Flatlands avenues; that advertising shall be limited to the illuminated globes of the gasoline pumps and to a flat sign erected against the wall of the accessory building, excluding all roof signs and all signs of a temporary nature, but permitting one post upright to be erected within the building line near the intersection of the two avenues, carrying an illuminated sign, which may overhang the building line not over 8 feet and advertising only the brand of gasoline for sale; that no automobile repairing shall be permitted on the premises and no portable gasoline tanks used on or from the property; that there shall be no open pits under the accessory buildings except for the greasing racks; that there shall be no parking of cars other than those being serviced; that there shall be no open flame permitted on the premises; that prior to filing with the commissioner of buildings, plans shall be filed with the chairman and approved by him as complying with these conditions; that all permits required shall be obtained within six months and all work involved completed within one year from the date of this action.

48-35-BZ.

APPLICANT—John Harold Barry, for 170 Dyckman Street Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the

building zone resolution, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of a garage (previously granted by the board) to a retail department store.

PREMISES AFFECTED—168-170 Dyckman street, west side, 100 feet north of Sherman avenue (Block No. 2175, Lot No. 70), Manhattan.

APPEARANCES—

For Applicant: John Harold Barry, R. A. Hoffman, H. J. Corsette and Jesse J. Secoles.

For Opposition: Irving Galt.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(148-35-BZ)

WHEREAS, John Harold Barry, for 170 Dyckman Street Corporation, owner, filed June 7, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the alteration and change of occupancy of a garage (previously granted by the board) to a retail department store; premises: 168-170 Dyckman street, west side, 100 feet north of Sherman avenue (Block No. 2175, Lot No. 70) Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 25, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Dyckman street is in a business district; Thayer street is in a residence and business district; Sherman avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 31, 1935, re application No. 1196-1935, reads:

"1. Thayer street is in a residential district and present use was granted on a modification by Board of Standards and Appeals is viz: 597-20-A; proposed use is contrary to building zone resolution article 2."

and

WHEREAS, the building is of non-fireproof construction two (2) stories in height, with a frontage of 50 feet on Dyckman street and 50 feet on Thayer street and a depth of 200 feet, formerly occupied as a stable for more than five (5) horses which was altered in 1920 into a garage for more than five (5) motor vehicles under plan approved by the superintendent of buildings after an appeal to the board for an interpretation of section 6 of the building zone resolution. It is now proposed to change the occupancy of the building to a department store; and

WHEREAS, in the opinion of the board the proposed use is more restrictive than the existing use; and

WHEREAS, a committee of the board visited these premises on June 20, 1935, prior to the hearing and verbal report of the chairman on behalf of the committee recommended the granting of this application; and

WHEREAS, the board deemed that applicant had substantiated the basis of his appeal under section 7, subdivision C.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* under section 7c in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* permitting the portion of existing building to extend into the residential area and to be used for business purposes, as indicated on plans filed with this application, *on condition* that there shall be no show windows opening on Thayer street and no doors for delivery or receipt

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of merchandise; that such doors as are installed shall be limited entirely and solely to legal requirements for exit purposes only and any other openings shall be the usual double-hung windows, the sills of which shall be not less than 5 feet above sidewalk grade; that that portion of building within the residential area shall not exceed the

existing two stories in height; and that all permits shall be obtained within six months and any work involved shall be completed within one year from the date of this action.

Adjourned, 1:45 P. M.

EDWARD V. BARTON, *Chief Clerk.*

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, JUNE 25, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, June 18, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, June 18, 1935, were approved as printed in bulletin No. 26, Vol. XX.

BUILDING ZONE CASES

100-34-BZ.

APPLICANT—Samuels and Samuels, for Kariene Burke, owner.

SUBJECT—Application for reopening—amendment—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period.

PREMISES AFFECTED—138-50 Jamaica avenue and 89-11 138th place, southeast corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Archie Samuel and Max Siegel.
For Opposition: Sidney H. Kitzler

ACTION OF BOARD—Laid over to July 9, 1935, at 2 P. M., applicant to submit plan of proposed station; also pending appearance of opposition.

26-35-BZ.

APPLICANT—John J. Dunnigan for Hugh Cooney, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

APPEARANCES—

For Applicant: Joseph Dusenbury.
For Opposition: Harry Baer, C. M. Langwith and Thomas Duffy.

ACTION OF BOARD—Laid over to July 16, 1935 at 2 P. M. for report by a committee of the board. No further argument.

243-34-BZ

APPLICANT—Samuels and Samuels for A. R. Olsen Bldgs. Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2909-2917 86th street and 525-535 Van Siclen street north east corner (Block 7169, Lot 28), Brooklyn.

APPEARANCES—

For Applicant: Archie Samuels.
For Opposition: None.

ACTION OF BOARD—Application withdrawn without prejudice.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

4-34-BZ.

APPLICANT—Samuel Rosenblum and Earl I. Gallant, for Joseph J. Schurmacher, owner.

SUBJECT—Application for reopening—consideration under new proposition—(re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—4025-4029 White Plains avenue, west side, 168.51 feet south of East 228th street (Block No. 4829, Lot No. 11), The Bronx.

APPEARANCES—

For Applicant: Samuel Rosenblum.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

169-20-BZ.

APPLICANT—William F. Regan, for Karl C. Hernon, owner.

SUBJECT—Application for reopening—amendment—re (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the inclusion of a gasoline service station in a garage for more than five (5) motor vehicles previously granted by the board.

PREMISES AFFECTED—1617-1627 Neptune avenue and 3127-3131 Cropsey avenue, northeast corner (Block No. 6995, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Morris Linder and William F. Regan.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

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297-34-BZ.

APPLICANT—Enmor Realty Corporation, owner.

SUBJECT—Application for reopening—reconsideration—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied).

PREMISES AFFECTED—2705-2715 Nostrand avenue, east side, 360 feet north of Avenue N (Block No 7666, Lot No. 25), Brooklyn.

APPEARANCES—

For Applicant: James S. Kleinman.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing July 16, 1935 at 2 P. M.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

161-35-BZ.

APPLICANT—John M. Baker, for Adelaide Sundheimer, owner.

SUBJECT—Request for preferential hearing—re application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence use and "E" area district the erection and maintenance of a building (dwelling) not conforming with "E" area requirements.

PREMISES AFFECTED—22-16 75th street, west side, 120 feet south of Ditmars boulevard (Block No. 1006, Lot No. 12), Jackson Heights, Borough of Queens.

APPEARANCES—

For Applicant: John M. Baker.

ACTION OF BOARD—Preferential hearing granted, calendar call waived and set for hearing, July 16, 1935, at 10 A. M.

THE VOTE TO GRANT PREFERENTIAL HEARING:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

222-34-BZ.

APPLICANT—Samuels and Samuels, for Meyer Werman, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously laid over for a full vote of board October 30, 1934; restored to active calendar May 14, 1935).

PREMISES AFFECTED—Southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Queens.

APPEARANCES—

For Applicant: Archie Samuels and Max Siegel.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(222-34-BZ)

WHEREAS, Samuels & Samuels, for Meyer Werman, owner, filed August 2, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises; Southeast corner of Little Neck parkway and Hillside avenue (Block No. 4523, part of Lot No. 51), Floral Park, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 25, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Hillside avenue is in a business district; Little Neck parkway is in a business district; and that 84th road is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered July 31, 1934, re Plan No 1149-34, reads:

"The erection of a gas station in a business district is prohibited by the zone law. Not further considered."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 101.3 feet on Little Neck parkway and 103.7 feet on Hillside avenue, upon which it is proposed to erect a one-story office and grease room structure, 50 feet by 27 feet in area and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution, and was, therefore, entitled to temporary relief.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted under section 21 for a period of ten years from the date of this action, subject to such conditions as the board may deem proper to impose after complete working drawings have been submitted, on condition that such complete working drawings shall be submitted within three months from the date of this action.

73-35-BZ.

APPLICANT—Max Hausle, for Mary Entenmann, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also the alteration of the rear portion of the garage into a motor vehicle repair shop.

PREMISES AFFECTED—1166 Castle Hill avenue northeast corner of Powell avenue (Block No. 3820, Lot No 1). The Bronx.

APPEARANCES—

For Applicant: Joseph Diefenbach and Jacob Entenmann.

For Opposition: Albert H. Bosch.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative: Assistant Chief Kidney	1
Absent	0

THE RESOLUTION—

(73-35-BZ)

WHEREAS, Max Hausle, for Mary Entenmann, owner, filed March 14, 1935, an application under the building zone resolution to permit in a business district on a plot of

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ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also, the alteration of the rear portion of the garage into a motor vehicle repair shop; premises: 1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 25, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Castle Hill avenue is in a business district; that Powell avenue is in a business and residence district; and that Gleason avenue is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 5, 1935, re Alt. Applic. No. 49-1935, reads:

"1. Proposed change of occupancy of premises from public garage to public garage, automobile repair shop and gasoline service station, in a business district, is contrary to the provisions of the building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 78 feet on Castle Hill avenue and 80 6 feet on Powell avenue. Upon the north portion of the plot there is located a one-story garage for more than five (5) motor vehicles, 43 feet by 80 feet in area. It is proposed to use part of the east portion of this garage as a motor vehicle repair shop; to remove and to relocate part of the west (Castle Hill avenue) wall and part of the south wall of this garage (forming an area 30 feet 6 inches by 12 feet) and to use this area as a gasoline service station. Proposes, also, to install two grease pits and, also, tanks and distributing pumps on the southerly (vacant) part of the plot and to use part of this (southerly) portion as a gasoline service station; and

WHEREAS, on June 21, 1935, the applicant amended the section under which this application was made from section 21 to section 7a and, also, filed plans showing a relocation of the pumps and driveways and, also, the relocation of two (enclosed) grease pits; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under Section 7a of the building zone resolution, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted under section 7a, permitting the extension of the existing garage use to include a gasoline selling area and area for grease pits and car washing on condition that the present and proposed structure shall be constructed as indicated on plans filed with this appeal, marked "received June 21, 1935," except that the new extension to enclose greasing pits shall be extended out to the building line of Powell avenue, so as to include within the building, greasing pits and washing stand; that the side wall of the existing garage to the north shall have no openings therein to the adjoining property and that this wall shall be cleaned and kept painted; that the front of the garage and the extension for the greasing and washing shall be faced, as indicated on perspective drawing, marked "received January 25, 1935," with an ashlar of architectural terra cotta or glazed face brick; that the entire area, where not occupied by buildings, shall be cement paved; that there shall be erected on the Powell avenue building line a concrete foundation extending for at least a foot above the adjacent sidewalk grade with an ornamental wooden fence erected thereon for a distance of approximately 25 feet; that on the balance of the street building lines where not occupied by building walls

or fence, there shall be erected a reinforced concrete curbing not less than 12 inches in width and not less than 5 inches in height, with rounded top, except that there may be one opening therein to Powell avenue, not exceeding 20 feet in width and one opening to Castle Hill avenue, not exceeding 30 feet in width; with no part of any opening nearer than five (5) feet to the intersecting corner; that gasoline pumps erected shall average not nearer than 12 feet to any building line; that the front of the greasing pit section shall remain open; that no repair work shall be permitted on the premises other than in the existing garage; such repairing to be of a light nature, requiring the use of light tools only, as already permitted; that advertising shall be limited to the illuminated globes of the gasoline pumps and to a neat flat sign on the front of the garage building and to one post standard erected within the building line, near the intersection of Castle Hill avenue and Powell avenue, to carry an illuminated sign advertising only the brand of gasoline for sale; that this sign may extend over the building line, not exceeding 8 feet, prohibiting roof, wall and temporary signs; that no parking shall be permitted within the gasoline selling area; and that all permits shall be obtained within six months and all work completed within one year from the date of this action.

492-29-BZ.,

APPLICANT—Charles Schaefer, Jr., for Theobold Bros. Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores). (Reopened December 11, 1934).

PREMISES AFFECTED—2183-2185 Grand Concourse, west side, 154.94 feet south of East 182nd street (Block No. 3162, Lot No. 30), The Bronx.

APPEARANCES—

For Applicant: Henry Plugelman, Charles Schaefer, Jr., and Stephen Theobold

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(492-29-BZ)

WHEREAS, Charles Schaefer, Jr., for Theobold Bros. Corp., owner, filed, July 23, 1929, an application under the building zone resolution to permit in a residence district the alteration and change of occupancy of part of an existing multiple dwelling from residence to business use (stores): premises: 2183-2185 Grand Concourse, west side, 154.94 feet south of East 182nd street (Block No. 3162, Lot No. 30), Borough of The Bronx; and

WHEREAS, this application was withdrawn May 20, 1930, and reopened by vote of the board December 11, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 25, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Grand Concourse is in a residence and business district; that Creston avenue is in a residence and business district; that East 182nd street is in a residence district; and that East 181st street is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered December 26, 1934, re Applic. No. 627-1934, reads:

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"Proposed alteration of building for business use in a residence district is unlawful. Article 2, sub-division 3 of the building zone resolution.";

and

Violation of the Tenement House Commissioner, dated March 11, 1935, reads:

"A recent inspection indicates that business is still being conducted on the ground floor of the above premises.

"Final notice is hereby given you that an inspection will be made within 10 days, and unless the business has been discontinued, the inspector has been directed to serve a court summons without further notice.";

and

WHEREAS, the building is of non-fireproof construction six (6) stories in height, with a frontage of 130 feet 8 inches and a depth of 117 feet 7 inches irregular, occupied as an apartment house; it is proposed to occupy a portion of the first story for a business use (stores); and

WHEREAS, the premises under appeal was the subject of inspection by a committee of the board and verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, this report recommended the granting of the application with certain restrictions; and the board deemed that applicant had substantiated the basis of his application.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* for a temporary variation under section 21 thereof to permit a limited business occupancy of the street floor portion of this building facing the Grand Concourse and Boulevard, as indicated on plans marked "Received January 23, 1935," *on condition* that such business use shall not extend for a distance greater than 30 feet from the building line of the Grand Concourse and Boulevard and that the business use shall be of a non-hazardous and non-objectionable character, excluding groceries, provision stores, fish markets, delicatessens and other uses deemed hazardous; that there shall be no structural alteration to the front of the building other than the removal of the existing frames and sash in the present window openings, permitting the substitution therefor of single lights of plate glass; that the ceilings of these portions permitted to be used for store occupancy shall be metal ceilings over the existing plaster; that no signs shall be displayed on the exterior of the building except such signs as may be painted on the plate glass; that this variance shall continue for a period of two years from the date of this action.

541-32-BZ.

APPLICANT—Robert C. Weissmantel & Son, Inc. (lessee), for Tisdale Lumber Co., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of superintendent of buildings) under section 21 of the building zone resolution, permitting in a residence district the change of occupancy of an existing building to a salesroom, motor vehicle repair shop and service station.

PREMISES AFFECTED—East side of 130th street, 330 feet south of Jamaica avenue (Block No. 234, Lot No. 79), Richmond Hill, Borough of Queens.

APPEARANCES—

For Applicant: Robert C. Weissmantel.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(541-32-BZ)

WHEREAS, this application affecting premises east side of 130th street, 330 feet south of Jamaica avenue (Block No. 234, Lot No. 79), Richmond Hill, Borough of Queens, was granted by the board March 3, 1933, under certain conditions, resolution amended from time to time and applicant requests a further amendment of the resolution as to extension of time.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of March 3, 1933, as amended by resolution of July 18, 1933, and further amended by resolution adopted January 30, 1934, and July 10, 1934, in view of the statement made by the applicant that all permits have been obtained and that the brick fire-wall required has been practically constructed and the work of construction is still continuing, to extend the period of time within which to complete the work six (6) months from the date of this amended resolution, *on condition* that other than as amended herein, the resolution adopted by the board on March 3, 1933, shall be complied with in all respects.

267-34-BZ.

APPLICANT—Scacchetti & Siegel, for Rosa B. R. Heintz and Jacob Siegel, owners.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—3620 Jerome avenue, east side, 160.08 feet north of East 213th street (Block No. 3329, Lot No. 92), The Bronx.

APPEARANCES—

For Applicant: Max Siegel and Albert Porcelli.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(267-34-BZ)

WHEREAS, this application affecting premises 3620 Jerome avenue, east side, 160.08 feet north of East 213th street (Block No. 3329, Lot No. 92), Borough of The Bronx, was granted by the board January 15, 1935, on certain conditions and applicant requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution adopted January 15, 1935, so that as amended it will read as follows:

"*Resolved*, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 of the building zone resolution, permitting the plot under appeal to be used as a gasoline selling station, *on condition* that the plot shall be cleared of all buildings and graded approximately to the level of

MINUTES

Jerome avenue, and so that there will be a pitch toward Jerome avenue at a rate of not less than one inch in 5 feet; that the accessory building shall be located approximately as indicated on plans filed with this appeal marked 'Received October 30, 1934,' and substantially of the size and design indicated; that this accessory building shall consist only of one section for office, an open space for greasing pits and a storeroom and rest room; that this accessory building shall be not over one story in height and shall be constructed of fireproof materials except that the roof beams, roof boarding, windows and doors may be of wood, provided the roof is surfaced with non-inflammable weather surfacing and the ceilings throughout fire-retarded in accordance with the rules of the Board of Standards and Appeals; that the front of the greasing section shall remain open; that there shall be no open excavation under this building except the pits for the greasing racks; that there shall be erected on all interior lot lines where there does not now exist fireproof walls of adjoining buildings without openings therein, brick walls not less than 8 feet in height; *that the construction of such wall against existing fireproof walls of adjoining buildings having openings therein shall not be required if such openings are fitted with fireproof frames and sash, glazed with wire glass and are self-closing or louver openings with fusible link protective slides;* that the plot where not occupied by accessory building shall be cement-paved across the plot from Jerome avenue to a point in line with the rear of the accessory building; that easterly thereof the plot shall be cement paved or surfaced with cracked bluestone bound with Tarvia or other equivalent binder; that such gasoline pumps as are erected shall be erected not nearer than *eleven feet six inches* to the building line of Jerome avenue; that there shall be erected on the building line of Jerome avenue a reinforced concrete curb cast integral with the concrete surfacing not less than 12 inches in width nor less than 5 inches in height with rounded top and with not more than three openings therein; that such openings shall not exceed 25 feet in width each with no part of any opening nearer than 5 feet to any interior lot line; that approximately opposite these openings there may be cuts in the curb not exceeding 30 feet wide each; that no advertising shall be permitted except the illuminated globes of the gasoline pumps and one post standard erected within the building line near Jerome avenue, with illuminated sign thereon and a flat sign attached to the accessory building, excluding all other signs of a permanent or temporary nature; that no portable gasoline pumps shall be used on or from the property; that no open flames nor repairing of cars shall be permitted on the property; that parking of cars may be permitted at the rear of the accessory building; that all permits shall be obtained within six months and all work completed within one year from the date of this action."

548-30-BZ.

APPLICANT—Conroy and Hardy, for Maurer and Kern, Inc., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of an auto laundry, grease pits and a gasoline service station.

PREMISES AFFECTED—1344-1372 Remsen avenue, northwest corner of Avenue K (Block No. 8041, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: C. J. Doyle.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(548-30-BZ)

WHEREAS, this application affecting premises 1344-1372 Remsen avenue, northwest corner of Avenue K (Block No. 8041, Lot No. 1), Borough of Brooklyn, was granted by the board January 6, 1931, on certain conditions, time extended January 4, 1933, July 8, 1933, December 3, 1933, and December 11, 1934, and applicant requested further extension of time.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution adopted January 6, 1931, only so far as it has reference to approval of drawings by this board and the obtaining of permits and the completion of the work, so that as amended that portion of the resolution will read:

"That complete working drawings shall be submitted to this board for approval before same are filed with the commissioner of buildings and that such plans shall be filed with this board within three (3) months from the date of this amended resolution and that after the approval of this board has been obtained, all plans shall be filed with the commissioner of buildings within six (6) months and all work completed within nine (9) months thereafter; that other than as amended herein, the original resolution of the board adopted January 6, 1931, shall be complied with in all respects."

524-31-BZ.

APPLICANT—J. Nelson Cooper, President and Fellows of Harvard College, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a business building for retail purposes.

PREMISES AFFECTED—2332-2340 Grand Concourse and boulevard, 2331-2345 Ryer avenue and 244 Field place (Block No. 3159, Lot Nos. 13, 14, 15, 19 and 23), The Bronx.

APPEARANCES—

For Applicant: J. Nelson Cooper.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 0

Negative 0

Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 0

Negative 0

Absent 0

THE RESOLUTION—

(524-31-BZ)

WHEREAS, this application affecting premises 2332-2340 Grand Concourse and boulevard, 2331-2345 Ryer avenue and

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244 Field place, (Block No. 3159, Lot Nos. 13, 14, 15, 19 and 23), Borough of The Bronx, was granted by the board January 26, 1932, on certain conditions, time extended from time to time and applicant requests a further extension of time.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on January 26, 1932, only so far as it has reference to obtaining permits and completion of work, so that as amended that portion of the resolution shall read:

"... that all permits shall be obtained within six months and all work shall be completed within one year from the date of this amended resolution *on condition* that other than as amended herein the resolution adopted by the board on January 26, 1932, shall be complied with in all respects."

321-30-BZ.

APPLICANT—Kennedy & Ellner, for Sammierville Realty Co., Inc., present owner.

SUBJECT—Application for reopening amendment and approval of plans—re (decision of the superintendent of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Union turnpike and Parsons boulevard (Block No. 2434 part of Lot No. 1), Jamaica, Queens.

APPEARANCES—

For Applicant: Clarence Leventhal.

ACTION OF BOARD—Application reopened, resolution amended and plans approved.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION AND APPROVE PLANS—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(321-30-BZ)

WHEREAS, this application affecting premises northwest corner of Union turnpike and Parsons boulevard (Block No. 2434, part of Lot No. 1), Jamaica, Borough of Queens, was granted by the board January 20, 1934, on certain conditions, time extended July 17, 1934, and January 22, 1935, and applicant requests an amendment of the resolution, a further extension of time and approval of plans.

Resolved, that the Board of Standards and Appeals does hereby *approve* plans marked "Received June 21, 1935," as complying with the requirements of the resolution granting a variation and dated June 30, 1934, and permitting the curbs to be erected on the building line to be five inches in height instead of twelve inches in height as previously required, such curbs to have rounded tops; permitting the openings in the building line to be of the widths indicated on plans, namely: Two (2) to Union turnpike, approximately 35 feet in width each and two (2) to Parsons boulevard, approximately 33 feet in width each; also, permitting doors to be erected on the greasing section *on condition* that pneumatic grease lifts are installed instead of greasing pits; that other than as amended herein the resolution adopted on January 30, 1934, shall be complied with in all respects except that all permits shall be obtained within three months and all work completed within nine months from the date of this amended resolution.

APPEALS FROM ADMINISTRATIVE ORDERS

18-35-A.

APPELLANT—Clarence F. Kaltenbach against Benisch Bros., Inc., owner of premises affected.

SUBJECT—Appeal from a decision of the commissioner of buildings re Revocation of Certificate of Occupancy issued by the commissioner of buildings.

PREMISES AFFECTED—900-910 Jamaica avenue and 5-9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.

APPEARANCES—

For Appellant: Sidney R. Snitken and Clarence F. Kaltenbach.

For Owner of Premises: John P. McGrath.

For Administration: Assistant Engineer Benjamin Saltzman of department of buildings.

ACTION OF BOARD—Laid over to July 9, 1935, at 2 p. m., for consideration by the board. No further argument.

41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings, and from a decision of the commissioner of buildings, dated January 19, 1935, approving plans.

PREMISES AFFECTED—313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50) Manhattan.

APPEARANCES—

For Appellant: None.

For Owner of Premises: J. Sidney Bernstein and Max Siegel.

For Administration: Inspector Samuel Becker of department of buildings, fire department.

ACTION OF BOARD—Laid over to July 2, 1935, at 2 p. m., for consideration by the board. No further argument.

72-35-A.

APPELLANT—Martin F. Doyle, for Elmer Rich and Reuben J. Rich, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings (previously withdrawn; reopened and restored to calendar).

PREMISES AFFECTED—181 West End avenue, 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37); Manhattan.

APPEARANCES—

For Appellant: Louis E. Felix and Martin F. Doyle.

For Administration: Assistant Engineer Samuel Becker and Chief Inspector Victor H. Fromlet, of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(72-35-A)

Martin F. Doyle, for Elmer Rich and Reuben J. Rich, owners, filed March 15, 1935, an appeal from a decision of the commissioner of buildings affecting premises 181 West End avenue, and 301-309 West 68th street and 302 West 69th street (Block No. 1180, Lot Nos. 25, 26, 27, 28, 29 and 37), Borough of Manhattan; and

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WHEREAS, the decision of the commissioner of buildings dated March 1, 1935 (N. B. Application No. 173-1934), reads:

"13—Roof trusses and ceiling must conform to requirements for fire retarding construction of the Board of Standards and Appeals.";

and

WHEREAS, the premises consist of a plot having 200 feet frontage on West 68th street, by 25 feet 5 inches and 200 feet 10 inches, irregular in depth, upon which it is proposed to erect two non-fireproof attached buildings, 2 stories (33 feet) in height, the easterly building, 25 feet 5 inches by 100 feet in area, for office occupancy, located within a business district; the westerly building, 100 feet by 100 feet 5 inches in area, for public garage use on 1st story, motor vehicle repair shop on 2nd story, an open exit and entrance 25 feet in width leading to West 69th street is also provided, located within an unrestricted district; and

WHEREAS, the appellant proposes for the garage building wood roof beams supported by McKeown type lattice wood trusses, the bottom of the truss is 12 feet 6 inches in the clear above the 2nd story floor level; in lieu of fire retarding the wood roof beams and trusses of the garage building as required under the Rules of the Board of Standards and Appeals, it is proposed to equip the entire building with an approved automatic sprinkler system; and

WHEREAS, this appeal was withdrawn April 16, 1935, and reopened by vote of the board, May 21, 1935.

Resolved, that the decision of the commissioner of buildings, dated March 1, 1935, in connection with N. B. Applic. No. 173-1934, calling for the roof trusses and ceiling to be fire-retarded in accordance with the rules of the Board of Standards and Appeals, be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that in addition to the sprinkler system required by the commissioner of buildings there shall also be installed under the bottom chords of the roof trusses, sprinkler heads spaced not over 15 feet on centers; and that the building shall otherwise comply with all requirements, laws and ordinances, rules and regulations applicable thereto.

APPLIANCES SUBMITTED FOR APPROVAL.

628-23-SA.

APPLICANT—A. G. Kaufman, for Motorless Oilheat Systems.

SUBJECT—Motorless Oilheat Burner—Models 7, 9, 11, 13, 15-5 and 15-3, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Resolution amended in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney

4

Negative

0

Absent

0

THE RESOLUTION—

(628-23-SA)

WHEREAS, Powerlight, Inc., filed, May 22, 1923, a petition, with the Board of Standards and Appeals, for approval of their device known as The Powerlight Oilheat Burner; and

WHEREAS, this device was approved by the board May 5, 1925; and

WHEREAS, the present owners, through their representative, A. G. Kaufman, requested a change of name of the burner to Motorless Oil Heat Burner, Models 7, 9, 11, 13, 15-5 and 15-3; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner differs in several respects from that already approved on May 5th, 1925. These changes are as follows:

The vaporizing plate has been more rigidly fastened to the iron casting and a better gas connection has been made in the casting for the gas pilot light which vaporizes the oil on this plate. The catch-basin for any overflow of oil has been made independent of the hot plate and is now supported by three iron legs to the space which is underneath the hot plate.

The controls of the burner are manufactured by the Basel Manufacturing Company and the Cook Electric Company. These new controls permit the use of an expanding pilot light.

Other than these changes there has been no change in the design or construction of the burner.

The controls were tested under actual operating conditions for a period of about forty-five minutes. The trip bucket shut down the oil completely when tripped in two minutes and twenty-five seconds. The Detroit Lubricating Constant Level valve was used at the storage tank. These burners come in the following sizes: 7, 9, 11, 13, 15-5 and 15-3.

These different sizes of burners are used where combustion chambers require either large or small burner units.

As a result of this inspection, it is recommended that the Motorless Oilheat Burner be approved for domestic and commercial installations, when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals June 15, 1934, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as Motorless Oilheat Burner, Models 7, 9, 11, 13, 15-5 and 15-3, for domestic installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 3 *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 628-23-SA.

134-35-SA.

APPLICANT—Irving T. Hecht, for Anchor Post Fence Co., owner.

SUBJECT—Fluid Heat (Gun Type) Oil Burner, Model P, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney

4

Negative

0

Absent

0

THE RESOLUTION—

(134-35-SA)

WHEREAS, Irving T. Hecht, for Anchor Post Fence Co., owner, filed May 25, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Fluid Heat (Gun Type) Oil Burner, Model P; and

MINUTES

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner is of the Mechanical Draft Pressure Atomizing Gun Type and consists of the following parts: A Westinghouse Motor 1/ H.P., a Viking Monarch Fuel Unit, consisting of a strainer, pump and regulating and cut-off valve; a Sirocco Type Fan and a Monarch Nozzle, with a capacity up to three gallons per hour. The burner is designed to use not heavier than No. 3 commercial grade fuel oil. Ignition; Electric. A Dongan Transformer 110-10,000 Volts. Controls: A Minneapolis Honeywell Protecto Relay Type R-117-3, and Minneapolis Honeywell Pressuretrol Type L-404-2.

The electrodes were examined and it was found that the spark was of sufficient intensity. With the oil supply shut-off and a cold combustion chamber the burner was operated and on two successive tests the controls shut down the burner in 58 and 61 seconds, respectively. The burner was then operated with the oil supply turned on for a period of 40 minutes. During the tests and operation there were no puff-backs and the flame was free and clear of smoke. Examination of the combustion chamber showed no undue carbon deposits.

As a result of this inspection and test, it is therefore, recommended that the Fluid Heat (Gun Type) Oil Burner, Model P, be approved for commercial and domestic use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as Fluid Heat (Gun Type) Oil Burner, Model P, for domestic and commercial installation when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel not heavier than No. 3 on condition that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 134-35-SA.

345-31-SA.

APPLICANT—Irving Hecht, for The Silent Glow Oil Burner Corp., owner.

SUBJECT—Silent Glow Oil Burners—Models 3800, 6800 and 8800—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Resolution amended in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(345-31-SA)

WHEREAS, Silent Glow Oil Burner Corp., owner, filed July 7, 1931, a petition with the Board of Standards and Appeals for approval of device known as the Silent Glow Oil Burner, Model 1000; and

WHEREAS, the device was approved by the board November 10, 1931, after inspection and test; and

WHEREAS, the owner, through his agent, Irving T. Hecht, requested an amendment of the resolution to include the approval of Models 800, 1800 and 2800; and under date of June 4, 1935, requested the approval of Models 3800, 6800 and 8800; and

WHEREAS, these devices were the subject of an inspection and test, the report of which was substantially as follows:

These burners, Models 800-1800 and 2800, are constructed substantially the same as the Model 1000, formerly approved under Cal. 345-31-SA.

Model No. 2800 consists of a Century 1/5 H.P. Detroit motor, regulating and shut-off valve, Cuno strainer, Webster transformer, Sirocco type blower, 7 in. x 4 in. and a Tuthill pump. This burner has a capacity of 3 to 9 gallons of oil per hour.

Model No. 1800 differs only from the above and Model 1000 in that it has a 1/6 H.P. motor and a fan 6 5/8 in. x 3 7/8 in. and an oil consumption of two to six gallons per hour.

Model No. 800 differs only from the original in that it has a 1/10 H.P. Ohio motor and a fan 4 7/8 in. x 2 3/8 in. with an oil consumption 1.35 to 2 1/2 gallons per hour.

Monarch nozzles are used on all above described burners.

Controls—The above burners have the Minneapolis-Honeywell Protecto-relay Model 117-3 and the Pressuretrol Type L-404-2.

The Silent Glow Oil Burner, Models 800, 1800 and 2800 have been approved by the Underwriters Laboratories for oil not heavier than No. 3, Guide No. 300-10.4, File MP-567.

Models 3800, 6800 and 8800 are designed for the use of Nos. 1, 2 or 3 commercial grades of fuel oil and consist of the following parts:

Model No. 3800, a Century, quarter horse power motor, Cuno strainer, Tuthill Pump, Detroit Lubricating regulating and cut-off valve; Sirocco Type Fan 3 3/8 in. x 7 1/2 in., Webster Transformer and Monarch Nozzle. The capacity of this burner is between 6 and 13 gallons per hour.

Model No. 6800, A Century half horse power motor, Cuno strainer, Tuthill Pump, Detroit Lubrication Regulating and Cut-off Valve, Sirocco Type Fan 3 1/4 in. x 9 in.; Webster Transformer and Monarch Nozzle. This burner is designed for the consumption of from 10 to 20 gallons of oil per hour.

Model No. 8800, A Century three-quarters horse power motor, Cuno Strainer, Tuthill pump, Detroit Lubrication Regulating and Cut-off Valve; Sirocco Type Fan 4 1/2 in. x 9 in.; Webster Transformer and a Monarch Nozzle. This burner is designed for the consumption of between 15 to 70 gallons of oil per hour.

All three above mentioned models are equipped with standard Minneapolis Honeywell controls.

As a result of our inspection of these burners, it is recommended that the same be approved for domestic and commercial installations when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals June 15, 1934, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals does hereby approve the devices known as the Silent Glow Oil Burner, Models 800, 1000, 1800, 2800, 3800, 6800 and 8800 for use in domestic and commercial installations for fuel oil not heavier than No. 3, when installed in accordance with the Oil Burner Rules of the Board of Standards and Ap-

MINUTES

peals, on condition that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 345-31-SA.

302-34-SA.

APPLICANT—Carol F. Baron, agent for Loyalty Oil Burner Corp., owner.

SUBJECT—Loyalty and Fairfax Range Burner—approval of.

APPEARANCES—

For Applicant: Carol F. Baron.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(302-34-SA)

WHEREAS, Carol F. Baron, agent for Loyalty Oil Burner, Corp., owner, filed October 27, 1934, an application with the Board of Standards and Appeals for approval of the device known as Loyalty and Fairfax Range Oil Burners; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was installed in an ordinary type kitchen range used for cooking and heating purposes. The burner consists of two iron castings, each having two pairs of concentric rings upon which is supported four (4) perforated chromium steel shells, having a chromium content of 22 per cent. The burners are supported by either having an individual pedestal equipped with two leveling screws and a bolt for fastening them to the ashpit; or by means of one pedestal and arm, having necessary leveling screws and bolts for the ashpit.

The oil reservoir is supported on a pedestal having an 8 inch base which permits it to be securely fastened to the floor. The container is a two-gallon heavy can which is held firmly in place by means of a clip and a rod and fastened to the oil reservoir.

The metering valves are of the needle type manufactured by the Precision Tool Company. Extra heavy copper tubing with a wall thickness of .049 is used to make the necessary connections. An individual pedestal supports the metering valves.

The difference between the two models; namely, the Loyalty Range and Fairfield Burners is only one of finish and the shape of the oil reservoir.

The front burner was operated and after same was in operation for a period of approximately 30 minutes, the second burner was flooded and there were no explosions or puff-backs.

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction card, and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department.

Resolved, that the Board of Standards and Appeals does hereby approve the devices known as the Loyalty and Fairfax Range Oil Burners, for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least ½ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 302-34-SA

Only an Approved Safety Can Shall Be Used in
Filling This Storage Container.

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner, shall, within 48 hours of each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

Adjourned, 4:45 p. m.

EDWARD V. BARTON, Chief Clerk.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

PUBLIC HEARING

PROPOSED AMENDMENT OF OIL BURNER RULES.

[217-21-SR]

NOTICE IS HEREBY GIVEN that a public hearing will be held by the Board of Standards and Appeals on Friday, July 12, 1935, at 2 P. M., Room 1013, Municipal Building, on Proposed Amendment of Oil Burner Rules. Matter in *italics* is new; matter in brackets [] old matter to be omitted.

OIL BURNER RULES

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals
June 15, 1934

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

Commercial Installations—Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

Controls—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

Domestic Installations—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections.

Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch ($\frac{1}{2}$ ") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half ($\frac{1}{2}$) inch plaster boards, or asbestos boards, or three-eighths ($\frac{3}{8}$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter ($\frac{1}{4}$) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($\frac{3}{4}$) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

Ground—An electrical conductor having capacity to absorb current.

Industrial Installations—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half ($2\frac{1}{2}$) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

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RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp. Gr.	(A. P. I.)	40-44°
No. 1	Fuel Oil	"	"	36-40°
No. 2	"	"	"	32-36°
No. 3	"	"	"	28-32°
No. 4	"	"	"	24°+
No. 5	"	"	"	18°+
No. 6	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited [unless complying with flash point requirement in paragraph (a) above and is used with burners designed to burn No. 5 U. S. commercial standard grade oil].

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by

means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; and small cabinet heaters with one burner not exceeding 6 inches in diameter with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 30 inches in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or more shall be built of new full weight American open hearth tank steel, free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and head plates shall be U. S. Standard 12 gauge (.109"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded, or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All 275-gallon storage tanks shall have permanently affixed the approval label of a nationally recognized standard testing laboratory not operated for commercial profit. They shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding hydrostatic test of 10 pounds per square inch without permanent deformation, rupture or leakage.

(e) All storage tanks of more than two hundred and seventy-five (275) gallons' capacity shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding a hydrostatic test without permanent deformation, rupture or leakage as follows:

(1) Oval, obround, rectangular, or specially shaped storage tanks, twenty pounds per square inch:

(2) Cylindrical storage tanks, fifty pounds per square inch.

(f) All cylindrical storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface.

(g) All buried storage tanks shall be thoroughly coated on the outside with hot tar, asphaltum, or other equivalent rust-resisting material; and where the tank is 48 inches or less in diameter the shell shall have a thickness of not less than $\frac{3}{16}$ of an inch and where the tank is over 48 inches in diameter the shell shall have a thickness of not less than $\frac{1}{4}$ of an inch.

(h) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers permanently sealed; where used

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for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.]

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded, riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or obround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. diameter rivets $2\frac{1}{2}$ in. pitch.

[Section 2. Vertical Above-Ground Storage Tanks.

(a) All vertical above-ground storage tanks shall be built of new full weight American open hearth tank steel free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and bottom plates shall be one-quarter inch ($\frac{1}{4}$ "") and the minimum thickness of roof plates shall be one-eighth inch ($\frac{1}{8}$ "") and in no case shall the construction of the tank be less than the standard requirements of American Petroleum Institute specifications.

(b) The roofs of vertical storage tanks shall be designed to shed water and shall be permanently grounded to the tank shell. This, however, shall not exclude the use of floating steel decks.

(c) All above-ground storage tanks shall be electrically grounded.

(d) Vertical above-ground storage tanks shall be without permanent deformation and shall show no leaks when completely filled with water for test purpose prior to filling with oil.]

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be

braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

[Section 3. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).]

Section [I] 3.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity [or more] or less shall [be built of new full weight American open hearth tank steel, free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited]. They shall have a minimum thickness of shell and head plates [shall be] of U. S. Standard 10 [12] gauge (.134") [.109"]. Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ "") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

[(d) All 275-gallon storage tanks shall have permanently affixed the approval label of a nationally recognized standard testing laboratory not operated for commercial profit. They shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding hydrostatic test of 10 pounds per square inch without permanent deformation, rupture or leakage.]

(e) All storage tanks of more than two hundred and seventy-five (275) gallons' capacity shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding a hydrostatic

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test without permanent deformation, rupture or leakage as follows:

(1) Oval, obround, rectangular, or specially shaped storage tanks, twenty pounds per square inch:

(2) Cylindrical storage tanks, fifty pounds per square inch.

[(f) All cylindrical storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface.]

(g) All buried storage tanks [shall have a thorough coating on the outside [with] of hot tar, asphaltum, or other equivalent rust-resisting material; and] where the tank is 48 inches or less in diameter the shell shall have a thickness of not less than 3/16 of an inch and where the tank is over 48 inches in diameter the shell shall have a thickness of not less than 1/4 of an inch. *All such tanks shall be electrically grounded.*

(h) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers permanently sealed; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) *Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.*

(b) *The minimum thickness of shell or bottom plates shall be 1/4 inch and the minimum thickness of roof plates 1/8 inch.*

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given in Bulletin No. 14 of the New York State Industrial Commission).

(c) *roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.*

(d) *In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.*

(e) *All buried storage tanks and all above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be thoroughly grounded.*

Section [3.] 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a

metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions. *With weep holes along the bottom one inch in diameter not more than 3 ft. apart.*

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen [six] inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than [one foot (1')] two feet (2') above the top of the tank. [and the space between the tank and the walls of the enclosure shall be completely filled with clean sand or well tamped earth.] *Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.*

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) *No tank shall be buried so as to be nearer than 3 feet to any foundation wall.*

(d) *All tanks shall be thoroughly grounded.*

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Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "
If distant 50 feet.....	48,000 "
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper [or] brass or *aluminum alloy tubing, properly marked and duly approved*, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. *Tubing shall be submitted for approval.*

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each stor-

age tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. [Such fill pipe terminal shall be not more than twenty feet (20') from the curb or private right of way.] *No fill pipe shall be less than 2 inches in diameter.*

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of *approved type* designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil" on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve *at the tank and* at the burner and when connected to burners

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designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. *With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electro mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:*

Temperature control

Ignition "

Stack or

Combustion "

Pressure "

Gravity "

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall

not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications [for approval] for permit shall be made by the installer on forms furnished by the [administrative official] Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by [a] his representative. [of the administrative official.]

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

[Except for installations in dwellings as defined in these rules] The installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, [however,] shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings. [Such tanks shall not be installed until the location of the tank has been approved by the Commissioner of Buildings.] All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, [twenty (20)] twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of [ten] thirty minutes. [released for five minutes, and again applied for a period of ten minutes.] When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a

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representative of the [administrative official.] *Fire Chief and Commissioner.* The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be [tested to prove their operation following the test of tank and piping.] *approved devices.*

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the [administrative official] *Fire Chief and Commissioner* giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected *as required by Code of Ordinances.*

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections *and twice the width thereof* and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, *except where same is protected by fire resisting material.*

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath *the stoves or any such heating devices* protected by a $\frac{1}{2}$ " asbestos or equivalent shield extending at least twelve (12") inches beyond the outline dimensions of such device *where required within the specific approval of each burner.*

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, *the pails to have rounded bottom.*

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity [Rule 4(b)] are installed, there shall also be posted a copy of the specifications *under which it was approved by the Board of Standards and Appeals* in addition to the instruction card herein provided for.

(b) [For manually operated systems not fully automatic the operator shall obtain a certificate of fitness from the fire commissioner.] *All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner.*

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, [or when additional protection is necessary,] the administrative official *having jurisdiction* shall have power to accept substitute methods [so that] *provided* the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules *then* applicable thereto shall be deemed acceptable, *provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.*

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213. Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213. Municipal Building, Manhattan. Price 30c; by mail 35c.

RULES

Plumbing, Drainage, Water Supply, Gas Piping and Ventilation of Buildings.

Adopted by the Superintendents of Buildings, Effective April 23, 1912; Amended by the Board of Standards and Appeals, July 5, 1917; December 27, 1918; March 8, 1921; October 21, 1921; July 17, 1923; January 8, 1924; May 5, 1931, and November 12, 1931.

Filings of Drawings, Descriptions, Etc.

1. Drawings and triplicate descriptions, on forms furnished by the Department of Buildings for all Plumbing and Drainage, shall be properly filled in, and filed by the owner or architect in the said Department. The plans must be drawn to scale in ink, on cloth, or they must be cloth prints of such scale drawings, and shall consist of such floor plans and sections as may be necessary to show clearly all plumbing work to be done, and must show partitions and methods of ventilating water-closet apartments.

2. The said plumbing and drainage shall not be commenced or proceeded with until said drawings and descriptions shall have been so filed and approved by the Commissioner of Buildings.

3. No modification of the approved drawings and descriptions will be permitted unless either amended drawings and triplicate descriptions, or an amendment to the original drawings and descriptions, covering the proposed change or changes, are so filed and approved by the Commissioner of Buildings.

4. The drainage and plumbing of all buildings, both public and private, shall be executed in accordance with the rules and regulations of the Department of Buildings.

5. Repairs or alterations of plumbing or drainage may be made without filing drawings and descriptions in the Department of Buildings, but such repairs or alterations shall not be construed to include cases where new vertical lines or horizontal branches of soil, waste, vent or leader pipes are proposed to be used.

6. Notice of such repairs or alterations shall be given to the said bureau before the same are commenced in such cases as shall be prescribed by the rules and regulations of the said bureau, and the work shall be done in accordance with the said rules and regulations.

7. Where repairs or alterations, ordered by the Board of Health or Tenement House Department for sanitary reasons, include cases where new vertical and horizontal lines of soil, waste, vent or leader pipes are proposed to be used or old ones replaced, drawings and descriptions must be filed with and approved by the Commissioner of Buildings before the same shall be commenced or proceeded with.

8. Repairs and alterations may comply in all respects with the weight, quality, arrangement and venting of the rest of the work in the building. Except when an existing soil, waste or vent line has been damaged by fire or other causes to the extent of 50 per cent or more of its entire length, same must be replaced by new lines installed in accordance with the rules and regulations governing new lines.

9. No plumbing and drainage or any part thereof shall be commenced until the plumber who is to do the work shall sign the specifications and make affidavit that he is duly authorized to proceed with the work. Affidavit must give the name and address of owner and plumber, etc. No registered plumber shall sign the specifications and act as the agent for a plumber who has not obtained a certificate of competency from the Examining Board of Plumbers as an Employing or Master Plumber. A violation of this rule will be deemed a sufficient reason by the Commissioner of Buildings for the cancellation of a Certificate of Registration, in accordance with Chapter 803, Laws of 1896.

10. One set of specifications will be received for not more

than ten houses, and then only when on adjoining lots and houses are exactly alike.

11. Written notices must be given to the Commissioner of Buildings by the plumber when any work is begun, and at such times as the work is ready for inspection.

Definition of Terms.

12. The term "private sewer" is applied to main sewers that are not constructed by and under the supervision of the Department of Public Works.

13. The term "house sewer" is applied to that part of the main drain or sewer extending from a point two feet outside of the outer front wall of the building, vault or area to its connection with public sewer, private sewer or cesspool.

14. The term "house drain" is applied to that part of the main horizontal drain and its branches inside the walls of the building, vault or area and extending to and connecting with the house sewer.

15. The term "soil line" is applied to any vertical line of pipe having outlets above the floor of first story for water closet connections.

16. The term "waste line" is applied to any vertical line of pipe having outlets above the first floor for fixtures other than water closet.

17. The term "vent pipe" is applied to any special pipe provided to ventilate the system of piping and to prevent trap siphonage and back pressure.

Materials and Workmanship.

18. All materials must be of the best quality, free from defects, and all work must be executed in a thorough, workmanlike manner.

19. All cast-iron pipes and fittings must be uncoated, sound, cylindrical and smooth, free from cracks, and holes and other defects, and of uniform thickness.

20. Pipe, including the hub, shall weigh not less than the following average weights per linear foot:

Diameters	Weights per Linear Foot	
	Standard	Extra Heavy
2 inches.....	3 3/5	5 1/2 pounds
3 inches.....	5 1/5	9 1/2 pounds
4 inches.....	7	13 pounds
5 inches.....	9	17 pounds
6 inches.....	11	20 pounds
7 inches.....	14	27 pounds
8 inches.....	17	33 1/2 pounds
10 inches.....	23	45 pounds
12 inches.....	33	54 pounds

Standard pipe may be used above ground in residence buildings not exceeding two stories and basement in height. In all other buildings extra heavy pipe shall be used.

21. The size, weight and maker's name must be cast on each length of pipe.

22. All joints must be made with picked oakum and molten lead and be made gas tight. Twelve ounces of fine, soft pig lead must be used at each joint for each inch in the diameter of the pipe when extra heavy pipe is used, and nine ounces when standard pipe is installed.

23. All wrought iron and steel pipes must be equal in quality to "standard" and must be properly tested by the manufacturer. All pipe must be lap-welded. No plain black or uncoated pipe will be permitted.

24. All wrought iron or steel water supply, vent, waste and soil pipes must be galvanized.

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25. Where galvanized wrought iron or steel pipe is required the fittings used on same must also be galvanized.

26. Fittings for waste or soil and refrigerator waste pipes must be cast-iron recessed and threaded drainage fittings, with smooth interior waterway, and threads tapped, so as to give a uniform grade to branches of not less than one-fourth of an inch per foot.

27. Short nipples on wrought iron or steel pipe, where the unthreaded part of the pipe is less than one and one-half inches long, must be of the thickness and weight to correspond to weight of pipe.

28. The pipe shall not be less than the following average thickness and weight per linear foot:

Diameters	Thicknesses	Weights per Linear Foot
1½ inches.....	.14 inches	2.68 pounds
2 inches.....	.15 inches	3.61 pounds
2½ inches.....	.20 inches	5.74 pounds
3 inches.....	.21 inches	7.54 pounds
3½ inches.....	.22 inches	9.00 pounds
4 inches.....	.23 inches	10.66 pounds
4½ inches.....	.24 inches	12.34 pounds
5 inches.....	.25 inches	14.50 pounds
6 inches.....	.28 inches	18.76 pounds
7 inches.....	.30 inches	23.27 pounds
8 inches.....	.32 inches	28.18 pounds
9 inches.....	.34 inches	33.70 pounds
10 inches.....	.36 inches	40.06 pounds
11 inches.....	.37 inches	45.02 pounds
12 inches.....	.37 inches	48.98 pounds

29. All brass pipe for soil, waste and vent pipes and solder nipples must be thoroughly annealed, drawn, brass tubing, of standard iron-pipe gauge.

30. Connections on brass pipe and between brass pipe and traps on iron pipe must not be made with slip joints of couplings. Threaded connections on brass pipe must be of the same size as iron pipe thread for same size of pipe and be tapered.

31. The following average thicknesses and weights per linear foot will be required:

Diameters	Thicknesses	Weights per Linear Foot
1½ inches.....	.14 inches	2.84 pounds
2 inches.....	.15 inches	3.82 pounds
2½ inches.....	.20 inches	6.08 pounds
3 inches.....	.21 inches	7.92 pounds
3½ inches.....	.22 inches	9.54 pounds
4 inches.....	.23 inches	11.29 pounds
4½ inches.....	.24 inches	13.08 pounds
5 inches.....	.25 inches	15.37 pounds
6 inches.....	.28 inches	19.88 pounds

32. Where light or heavy pipe is used, brass ferrules must be of best quality cast brass, not less than 4 inches long and 2 inches and 3 inches and 4 inches in inside diameter and not less than the following weights:

Diameters	Weights	
2 inches.....	1 pound	0 ounces
3 inches.....	1 pound	12 ounces
4 inches.....	2 pounds	8 ounces

33. One and one-half inch ferrules are not permitted.

34. Soldering nipples must be heavy cast brass or of brass pipe, iron pipe-size. When cast they must not be less than the following weights:

Diameters	Weights	
1½ inches.....	0 pound	8 ounces
2 inches.....	0 pound	14 ounces
2½ inches.....	1 pound	6 ounces
3 inches.....	2 pounds	0 ounces
4 inches.....	3 pounds	8 ounces

35. Brass screw caps for cleanouts must be extra heavy, not less than one-eighth of an inch thick. The screw cap must have a solid square or hexagonal nut, not less than one inch high, with a least diameter of one and one-half inches. The body of the cleanout ferrule must be at least equal in weight and thickness to the caulking ferrule for the same size of pipe.

36. Where cleanouts are required by rules and by the approved plans, the screw cap must be of brass. The engaging part must have not less than six threads of iron-pipe size and be tapered. Cleanouts must be of full size of trap up to four inches in diameter, and not less than four inches for larger traps.

37. The use of lead pipes is restricted to the short branches of the soil and waste pipes, bends and traps, roof connections of inside leaders.

"Short branches" of lead pipe shall be construed to mean not more than:

8 feet of.....	1½ inch pipe
5 feet of.....	2 inch pipe
2 feet of.....	3 inch pipe
2 feet of.....	4 inch pipe

38. All connections between lead pipes and between lead and brass or copper pipes must be made by means of "wiped" solder joint.

39. All lead waste, soil, vent and flush pipes must be of the best quality, known in commerce as "D," and of not less than the following weights per linear foot:

Diameters	Weights per Linear Foot
1¼ inch (for flush pipes only).....	2½ pounds
1½ inches.....	3 pounds
2 inches.....	4 pounds
3 inches.....	6 pounds
4 and 4½ inches.....	8 pounds

40. All lead traps and bends must be of the same weights and thicknesses as their corresponding pipe branches. Sheet lead for roof flashings must be six-pound lead, and must extend not less than six inches from the pipe, and the joint made watertight.

41. Copper tubing, when used for inside leader roof connections, must be seamless drawn tubing, not less than 22 gauge, and when used for roof flashings must be not less than 18 gauge.

General Regulations.

42. Each building must be separately and independently connected with a public or private sewer, or cesspool, except where a building is located on the rear of the same lot with another building, when its plumbing and drainage system may be connected to the house-drain of the front build-

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ing behind the house trap and fresh air inlet which shall be used for both buildings if sewer connected; or may be connected to an existing cesspool of front house and be provided with a separate house trap and fresh air inlet.

43. Every building must have its sewer connections directly in front of the building, unless permission is otherwise granted by the Commissioner of Buildings.

44. Where there is no sewer in the street or avenue, and it is possible to construct a private sewer to connect in an adjacent street or avenue, a private sewer may be constructed, to be used in common for one or more buildings. It must be laid outside the curb under the roadway.

45. Cesspool and privy vaults will be permitted only after it has been shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary.

46. When allowed, they must be constructed strictly in accordance with the terms of the permit issued by the Commissioner of Buildings.

47. Cesspools must not be used as privy vaults nor can privy vaults be used as cesspools. Cesspool and privy vaults must be located at least 15 feet from any building and on the same lot as building for which their use is intended. Walls of cesspools and privy vaults when constructed of brick must be 8 inches thick; if of stone, 18 inches thick. Bottoms of cesspools and privy vaults must be of stone concrete 6 inches thick. The entire interior surface of cesspools and privy vaults must be finished with a coating of Portland cement mortar 1 inch thick.

48. As soon as it is possible to connect with a public sewer, the owner must have the cesspool and privy vault emptied, cleaned and disinfected and filled with fresh earth, and have a sewer connection made in the manner herewith prescribed.

49. All pipe lines must be supported at the base on brick piers, or by heavy iron hangers from the cellar ceiling-beams, and along the line by heavy iron hangers at intervals of not more than ten feet.

50. All pipes, issuing from extensions or elsewhere, which would otherwise open within 20 feet of the window of any building, must be extended above the top of any window located within such distance. When a building exceeds in height that of an adjoining building, and windows or openings are cut in the wall on the lot line within 20 feet of the roof terminal of any soil, waste or vent line now in place or subsequently installed in the lower building, the owner of the higher building shall defray the expense of extending said soil, waste or vent lines above the roof of the higher building, or shall himself make such alteration.

51. The arrangement of all pipes must be as straight and direct as possible. Offsets will be permitted only when unavoidable.

52. All pipes and traps should, where possible, be exposed to view. They should always be readily accessible for inspection and repairing.

53. In every building where there is a leader connected to the drain, if there are any plumbing fixtures, there must be at least one four (4) inch pipe extending above the roof for ventilation.

Yard, Area and Other Drains.

54. All yards, areas and courts exceeding 15 square feet in area must be drained into the sewer. A shaft open at the top not exceeding 25 square feet in area, and which cannot be connected in back of a leader, yard, court or area drain trap, may be drained into a publicly-placed, water-supplied, properly-trapped and vented slop sink.

55. These drains, when sewer-connected, must have con-

nections not less than three inches in diameter. They should be controlled by one trap—the leader trap, if possible.

56. Floor drains will only be permitted when it can be shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary and arrangements made to maintain a permanent water seal in the traps.

57. Cellar drains may be connected in back of and controlled by a leader, yard, court or area drain trap which need not be vented.

58. Subsoil drains should discharge into a sump or receiving tank, the contents of which if discharged by gravity may be discharged into a rain leader, yard, court or area drain behind the trap controlling same or may be discharged through a properly-trapped and vented, water-supplied receptacle. Where mechanical force is required to discharge the contents into the plumbing and drainage system, a proper automatic cut-off or check valve must be provided on the connection between house-drain and apparatus used for raising the contents of sump-pit.

59. The contents of settling chamber or dust receptacle for vacuum cleaners may be discharged into a Plumbing and Drainage system, the same as sub-soil drain sump-pits.

Leaders.

60. Every building shall be kept provided with proper metallic gutters and rain leaders for conducting water from all roofs in such manner as shall protect the walls and foundations from injury. In no case shall the water from any rain leader be allowed to flow upon the sidewalk or adjoining property, but the same shall be conducted by proper pipes to the sewer. If there be no sewer in the street upon which the building fronts, then the water from said leaders may be conducted by proper pipes laid below the surface of sidewalk to the street gutter, or may be conducted by extra heavy cast-iron pipe to a leeching cesspool located at least 20 feet from any building. No plumbing fixtures shall discharge into a leeching cesspool.

61. Inside leaders must be made of cast-iron, wrought iron or steel, with roof connections made gas and water tight by means of a heavy lead or copper-drawn tubing wiped to a brass ferrule or nipple caulked or screwed into the pipe.

62. Outside leads may be made of sheet metal, but they must connect with the house drain by means of a cast-iron pipe extending vertically five feet above the grade level.

63. Leaders must be trapped with cast-iron running traps so placed as to prevent freezing.

64. Rain-water leaders must not be used as soil, waste or vent pipes, nor shall any such pipe be used as a leader.

The House Sewer, House Drain, House Trap and Fresh Air Inlet.

65. Old house sewers may be used in connection with new buildings or new plumbing only when they are found, on examination by the plumbing inspector, to conform in all respects to the requirements governing new sewers.

66. When a proper foundation consisting of a natural bed of earth, rock, etc., can be obtained, the house sewer can be of earthenware pipe.

67. Where the ground is made or filled in, or where the pipes are less than three feet deep, or in any case where there is danger of settlement by frost or from any cause, and when cesspools are used, the house sewer must be of extra heavy cast-iron pipe, with lead-caulked joints.

68. No earthenware house-drain, when found in a leaky or defective condition, shall be repaired or replaced except with heavy cast-iron pipe.

69. The house-drain and its branches must be of extra heavy cast iron when under ground, and of extra heavy

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cast iron or galvanized wrought iron or steel when above ground, except as provided in Rule 20 of these rules.

70. The house drain must properly connect with the house sewer at a point two feet outside of the outer front vault or area wall of the building. An arched or other proper opening must be provided for the drain in the wall to prevent damage by settlement.

71. The house drain if above the cellar floor must be supported at intervals of ten feet by eight-inch brick piers or suspended from the floor beams, or be otherwise properly supported by proper hangers placed not more than 10 feet apart.

72. No steam-exhaust, boiler blow-off or drip-pipe shall be connected with the house-drain. Such pipes must first discharge into a proper condensing tank, and from this a proper outlet to the house sewer outside of the building must be provided. In low pressure steam systems the condensing tank may be omitted, but the waste connections must be otherwise as above required.

73. The house-drain and house-sewer must be run as direct as possible, with a fall of at least one-quarter inch per foot, all changes in direction made with proper fittings, and all connections made with Y branches and one-eighth and one-sixteenth bends.

74. The house-sewer and house-drain must be at least four inches in diameter when receiving the discharge of a water-closet. Where rain leaders are connected to the plumbing system, the sizes of house-sewer, house-drain and leader connections shall be computed according to the square feet of area drained into them. No house-sewer or house-drain shall be of less diameter than the largest line of pipe connected thereon. The following table is the maximum area allowed to drain into pipes of given diameter:

Diameter of Pipe	Fall ¼ Inch per Foot	Fall ½ Inch per Foot
3.....	1,200 square feet	1,500 square feet
4.....	2,500 square feet	3,200 square feet
5.....	4,500 square feet	6,000 square feet
6.....	8,000 square feet	10,000 square feet
7.....	12,400 square feet	15,600 square feet
8.....	18,000 square feet	22,500 square feet
9.....	25,000 square feet	31,500 square feet
10.....	41,000 square feet	59,000 square feet
12.....	69,000 square feet	98,000 square feet

75. Full size Y and T branch fittings for handhole cleanouts must be provided where required on house-drain and its branches. No cleanout need be larger than 6 inches in diameter.

76. An iron running trap must be placed in the house-drain near the front wall of the house, and on the sewer side of all connections, except a Y fitting used to receive the discharge from an automatic sewage lift, oil separator, or a drip-pipe where one is used. If placed outside of the house or below the cellar floor, it must be made accessible in a brick manhole, the walls of which must be eight inches thick, with an iron or flagstone cover. When outside the house it must never be less than three feet below the surface of the ground.

77. When the plumbing system of any building is altered by the addition of a new soil, waste or vent line to the extent of 50 per cent. or more, and no house trap and fresh air inlet or leader trap exists on the house-drain, same shall be provided.

78. The house trap must have two cleanouts, with brass screw cap ferrules caulked in.

79. A fresh-air inlet pipe must be connected with the house-drain just inside of the house trap and extended to the outer air, terminating with open end at least one foot

above the grade at most available point to be approved by the Commissioner of Buildings and shown on plans. The fresh-air inlet pipe shall be one-half the diameter of house-drain but not less than 4 inches in diameter.

80. No curb box or similar device with grating placed in sidewalk will be permitted for fresh air inlets.

Soil and Waste Lines.

81. All main, soil, waste or vent pipes must be of iron, steel or brass.

82. When they receive the discharge of fixtures on any floor above the first, they must be extended in full calibre at least one foot above the roof coping, and well away from all shafts, windows, chimneys or other ventilating openings. When less than four inches in diameter, they must be enlarged to four inches at a point not less than one foot below the roof surface by an increaser not less than nine (9) inches long.

83. No caps, cowls or bends shall be affixed to the top of such stack.

84. In all buildings, wire baskets must be securely fastened into the opening of each pipe in an accessible position. When roofs are used for drying purposes or roof gardens, all pipes shall be extended to a height of seven feet.

85. Necessary offsets above the highest branch must not be made at an angle of less than forty-five degrees to the horizontal.

86. Soil and waste pipes must have proper Y or TY branches for all fixture connections.

87. No connection to lead branches for water-closets or slop sinks will be permitted, except the required branch vent.

88. Branch soil and waste pipe must have a fall of at least one-quarter inch per foot.

89. Short TY branches will be permitted on vertical lines only. Long one-quarter bends and long TY's are permitted. Short one-quarter bends and double hubs, short roof increasers and common offsets, and bands and saddles are prohibited.

90. The diameters of soil and waste pipes must not be less than those given in the following table:

Main soil stacks in buildings serving not more than two sets of fixtures in four or less stories	4	inches
Main soil stacks in residence buildings serving not more than two sets of fixtures in five or six stories.....	4	inches
Main soil stacks in all other cases.....	5	inches
Branch soil pipes for not more than four water-closets	3	inches
Branch soil pipes for more than four water-closets	4	inches
Main waste stacks.....	2	inches
Main waste stacks for kitchen sinks on six or more floors.....	3	inches
Branch waste pipes for slop sinks.....	3	inches
Branch waste pipes for laundry tubs.....	1½	inches
When set in ranges of three.....	2	inches
Branch waste for kitchen sinks.....	2	inches
Branch waste for urinals.....	2	inches
Branch waste for other fixtures.....	1½	inches

A set of fixtures, as used in this rule, shall include not more than one water-closet, one bath tub, one wash basin, one sink and two laundry trays.

Vent Pipes.

91. All traps, except approved anti-syphon traps connected to main waste or soil lines or to the house drain

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by branch piping not over seven (7) feet in length with a fall not exceeding two (2) inches per foot, shall be protected from siphonage and back-pressure by special lines of vent pipes; provided that where approved deep-seal siphon-pet water closet or slop sink fixtures are installed with branch piping not over five (5) feet in length from fixture to main soil or waste line, the vent pipe may be omitted for such fixtures in buildings not over eight (8) stories in height, and where the main soil or waste line is made one inch larger in diameter than required by these rules, the vent pipe may also be omitted for such fixtures in buildings over eight (8) stories in height.

92. All vent pipe lines and main branches must be of iron, steel or brass. They must be increased in diameter and extended above the roof as required for waste pipes. They may be connected with the adjoining soil or waste line well above the highest fixture, but this will not be permitted when there are fixtures on more than six floors.

93. All offsets must be made at an angle of not less than forty-five degrees to the horizontal, and all lines must be connected at the bottom with a soil or waste pipe or the drain in such a manner as to prevent the accumulation of rust scale.

94. Branch vent pipes shall be kept above the top of all connecting fixtures, so as to prevent the use of vent pipes as soil pipes or waste pipes. Branch vent pipes should be connected not less than six inches nor more than two feet from crown of trap or side of lead bend.

95. Except where "yoke type" ventilation is installed, vent connection for water-closets and slop sinks must be made from the branch soil or waste pipe just below the trap of the fixture, and the branch vent pipe must be so connected as to prevent obstruction, and no waste pipe connected between it and the fixture. Earthenware traps must have no vent horns.

"Yoke type" ventilation shall be taken to mean a cross connection, by means of a horizontal branch soil or waste pipe, between the main soil or waste line and the vent line, and in which the connection between the branch pipe and the vent line is made at least six (6) inches above the line of fixtures discharging into such branch pipe.

96. No sheet metal, brick or other flue shall be used as a vent pipe.

97. The sizes of vent pipes throughout must not be less than the following:

For main vents, two inches in diameter; for water-closets on three or more floors, three inches in diameter; for other fixtures on less than seven floors, two inches in diameter; three-inch vent pipe will be permitted for less than nine stories; for more than eight and less than sixteen stories, four inches in diameter; for more than fifteen and less than twenty-two stories, five inches in diameter; for more than twenty-one stories the size of the vent pipe shall be determined by the Commissioner of Buildings.

For fixtures other than water-closets and slop sinks and for more than eight stories, vent pipes may be one inch smaller in diameter than above stated.

For long branch vent pipes over 10 feet in length but not exceeding 25 feet, two inches in diameter; when over 25 feet in length but not exceeding 50 feet, three inches in diameter. No branch vent pipe can exceed 50 feet in length, nor can any main vent be of less diameter than the largest branch vent connecting to same.

98. When the plumbing fixtures installed in any building are arranged in groups of batteries, "yoke type" ventilation may be installed, provided that for batteries of water-closets each fixture shall be set not more than two (2) feet distant from the horizontal branch soil pipe into which it discharges, and for batteries of fixtures other than water-

closets each fixture shall be so located that its trap will be not more than two (2) feet distant from the horizontal branch waste line into which it discharges. When the ordinary type of venting is installed and the number of branch or back vents from the traps of fixtures connecting to any main branch vent exceeds the number and size given in the following table, a 3-inch main branch vent must be provided for the additional vent connections.

2-1½	inch branches on a 1½ inch main branch.
4-2	inch branches on a 2 inch main branch.
7-1½	inch branches on a 2 inch main branch.
2-2	} inch branches on a 2 inch main branch.
4-1½	
1-2	} inch branches on a 2 inch main branch.
5-1½	

Traps.

99. No form of trap will be permitted to be used unless it has been approved by the Commissioner of Buildings or the Board of Standards and Appeals.

No anti-siphon trap or deep-seal siphon-jet fixture shall be approved until it has successfully passed such test as may be prescribed by the Board of Standards and Appeals.

100. No masons' cesspool, bell, pot, bottle or D-trap will be permitted, nor any form of trap that is not self-cleaning, nor that has interior chamber or mechanism, nor any trap except earthenware ones that depend upon interior partitions for a seal. Backwater or tide valves will only be permitted when it can be shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary and of a type as approved by him.

101. Every fixture must be separately trapped by a water-sealing trap placed as close to the fixture outlet as possible, and no trap shall be placed more than 2 feet 0 inches from any fixture.

102. A set of not more than three wash trays may connect with a single trap, or into the trap of an adjoining sink, provided both sink and tub waste outlets are on the same side of the waste line, and the sink is nearest the line. When so connected, the waste pipe from the wash trays must be branched in below the water-seal.

103. The discharge from any fixture must not pass through more than one trap before reaching the house-drain.

104. All traps must be well supported and set true with respect to their water levels.

105. All fixtures, other than water-closets and urinals, must have strong metallic strainers or bars over the outlets to prevent obstruction of the waste pipe.

106. All exposed or accessible traps, except water-closet traps, must have brass trap screws for cleaning the trap placed on the inlet side, or below the water level.

107. All iron traps for house-drain, yard and other drains and leaders must be running traps with handhole cleanouts of full size of the traps, when same are less than five (5) inches. All traps under ground must be made accessible by brick manholes with proper covers.

108. Overflow pipes from fixtures must in all cases be connected on the inlet side of traps.

109. All earthenware traps must have approved heavy brass floor plates properly secured to the branch soil pipe and bolted to the trap flange, and the joint made gas-tight. The use of rubber washers for floor connections is prohibited. All floor flanges must be set in place and inspected before any water-closet is set thereon.

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110. No trap shall be placed at the foot of main soil and waste pipe lines.

111. Every plunge bath shall be provided with a trap at least four inches in diameter, the waste from trap to bath to be reduced to two inches in diameter and this waste to be controlled by a gate valve. Overflow pipes, if provided, must be connected on inlet side of trap. Except where an approved anti-siphon trap is installed in the manner specified in Rule 91, such trap must be ventilated by a separate vent line extended above the roof, of the same size as trap and water connection.

112. The sizes for traps must not be less than those given in the following table:

Traps for water-closets...	4	inches in diameter
Traps for slop sinks.....	3	inches in diameter
Traps for kitchen sinks.....	2	inches in diameter
Traps for wash trays.....	2	inches in diameter
Traps for urinals.....	2	inches in diameter
Traps for shower-baths.....	2	inches in diameter
Traps for other fixtures.....	1½	inches in diameter

Traps for leaders, area, floor and other drains must be at least 3 inches in diameter.

113. Every dental cuspidor must be separately trapped by a trap of at least one and one-half (1½) inches in diameter, which shall be vented except where an approved anti-siphon trap is installed in the manner specified in Rule 91, and placed as close to the fixture as possible. The connection between trap and cuspidor may be three-quarters (¾) of an inch in diameter.

114. No plumbing fixtures, except bar sinks, soda fountains or drinking fountains, shall be installed with an indirect waste connection to the plumbing and drainage system. The waste of every bar sink, soda fountain and drinking fountain, if not directly connected, must discharge over a properly water-supplied, trapped sink, with trap vented, unless an approved anti-siphon trap is installed in the manner specified in Rule 91. The main waste lines shall be two (2) inches in diameter, and the branches to fixtures at least one and one-half (1½) inches in diameter. Drinking fountains must be trapped and the waste line extended through the roof. No vent connections need be provided.

Safe and Refrigerator Waste Pipes.

115. Safe and refrigerator waste pipes must be of galvanized iron, and be not less than 1¼ inches in diameter nor larger than 1½ inches in diameter with pipe branches at least 1 inch in diameter with strainers over each inlet.

116. Safe and refrigerator waste pipes shall not be trapped. They must discharge over a properly water-supplied, trapped sink, with trap vented unless an approved anti-siphon trap is installed in the manner specified in Rule 91, such sink to be publicly placed, and not more than 4 feet above the floor. In no case shall any refrigerator or safe waste pipe discharge over a sink located in a room used for living purposes.

117. The branches on vertical lines must be made by Y or TY fittings and carried up to the safe with as much pitch as possible.

118. Lead safes must be graded and neatly turned over bevel strips at their edges.

119. Where there is an offset on a refrigerator waste pipe in the cellar, there must be cleanouts to control the horizontal part of the pipe.

120. In all lodgings and tenement houses the safe and refrigerator waste pipes must extend above the roof.

Water Closets, Sinks and Washtubs.

(Good except as relating to tenement houses and factories.)

121. In all buildings occupied as stores, dwellings, lodging or boarding houses, hotels, offices, lofts, workshops, factories or storage houses, there must be at least one water-closet in each building. There must be sufficient water-closets so that there will never be more than fifteen persons to each water-closet. In places of public assembly, the number of toilets and the most available location are to be determined by the Commissioner of Buildings.

122. Separate water-closets and toilet rooms must be provided for each sex in buildings used as workshops, lofts, office buildings, factories, hotels, and all places of public assembly.

123. In lodging houses, there must be one water-closet on each floor, and where there are more than fifteen persons on any floor there must be an additional water-closet on that floor for every fifteen additional persons or fraction thereof.

124. In tenement houses, lodging houses, factories, workshops, and all public buildings, the entire water-closet apartment, and side walls to a height of six inches from the floor, except at the door, must be made waterproof with asphalt, cement, tile, metal or other waterproof material as approved by the Commissioner of Buildings.

125. In all buildings, the water-closet and urinal apartments must be ventilated to the outer air by windows opening on the same lot upon which the building is situated or by a ventilating skylight placed over each room or apartment wherein such fixtures are located.

126. In all buildings, the outside partition of any water-closet or urinal apartment must be air-tight and extend to the ceiling or be independently ceiled over. When necessary to properly light such apartments, the upper part of the partitions must be provided with translucent glass. The interior partitions of such apartments must be dwarfed partitions.

127. The general water-closet accommodation of any building cannot be placed in the cellar, nor can any water-closet be placed outside of a building except to replace an existing water-closet.

128. In alteration work where it is not practicable to ventilate a water-closet or urinal apartment by windows or a skylight directly to the outer air, there may be provided a galvanized wrought iron vent duct extended to the outer air which must be equal in area to at least 144 inches for one water-closet or urinal, and an additional 72 square inches for each water closet added therein.

129. Where water-closets will not support a rim-seat, the seat must be supported on galvanized iron legs.

130. Every earthenware water-closet with connection through the floor in all new work, and in all alterations, must be set on an approved floor slab of porcelain, slate or other material impervious to moisture, same to be not less in size than the base of the water-closet set thereon.

131. All water-closets must have earthenware flushing rim bowls. They must be set entirely free and open from all enclosing woodwork.

132. Pan, plunger, offset-washout and washout, or other water-closets having an unventilated space, or the walls of which are not thoroughly washed out at each discharge, will not be permitted.

133. Long hopper water-closets will not be permitted, except earthenware hoppers where there is an exposure to frost.

134. Drip trays on water-closets will not be permitted.

135. Water-closets and urinals must never be connected directly with or flushed from the water-supply pipes, except when flushometer valves are used.

136. Each water-closet and urinal must be flushed from a separate cistern, the water from which is used for no other purpose, or may be flushed through flushometer valves.

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137. Where "Flushometers" are used, they must be supplied from tank pressure, unless otherwise permitted by the Commissioner of Buildings; the rising lines shall be at least one and one-half inches in diameter, and the main branches shall be at least one and one-quarter inches in diameter, with individual branches not less than one inch in diameter, for water-closets and not less than one-half inch in diameter for urinals. Individual branches shall not exceed twelve inches in length.

138. The overflow of cisterns may discharge into the bowl of the closet, but in no case connect with any part of the drainage system.

139. Iron water-closet and urinal cisterns and automatic water-closet and urinal cisterns are prohibited, unless approved by the Commissioner of Buildings.

140. The copper lining of water-closet and urinal cisterns must not be lighter than ten (10) ounce copper.

141. Water-closet flush pipes must not be less than one and one-fourth inches and urinal flush pipes one (1) inch in diameter, and if of lead must not weigh less than two and one-half pounds and two pounds per linear foot. Flush couplings must be of full size of the pipe.

142. Rubber connections and elbows are not permitted on flush pipes.

143. Latrines, trough water-closets and similar appliances may be used only on written permit from the Commissioner of Buildings, and must be set and arranged as may be required by the terms of the permit.

144. All urinals must be constructed of materials impervious to moisture, and that will not corrode under the action of urine. The floor and wall of the urinal apartments must be lined with similar non-absorbent and non-corrosive material.

145. The platforms of treads of urinal stalls must never be connected independently to the plumbing system, nor can they be connected to any safe waste pipe.

146. Iron trough water-closets and trough urinals must be enameled or galvanized.

147. In all houses, sinks must be entirely open, on iron legs or brackets without any inclosing woodwork.

148. Wooden wash tubs are prohibited, except when used in hotels, restaurants or bottling establishments for washing dishes or bottles. Cement or artificial stone tubs will not be permitted unless approved by the Commissioner of Buildings.

Water Supply for Fixtures.

149. All water-closets and other plumbing fixtures must be provided with a sufficient supply of water for flushing to keep them in a proper and cleanly condition.

Flush tanks must have a capacity of eight gallons for water-closets and five gallons for urinals.

150. House service pipes must be connected to the street mains by means of taps, and a stop-cock or valve placed under the sidewalk at the curb, in compliance with the rules and under the supervision of the Department of Water Supply, Gas and Electricity.

151. A separate stop or valve must be placed upon the service pipe inside the front wall.

152. The diameters of street service pipes must not be less than three-quarter inch for dwellings and tenements occupied by six families or less; one inch for tenements and one and one-half inch for hotels, factories and other miscellaneous buildings, provided that in no case can the diameter of the service pipes be less than the diameter of the tap installed under the supervision of the Department of Water Supply, Gas and Electricity.

Riser Lines.

153. The diameter of all riser lines in plumbing systems shall be not less than three-quarters ($\frac{3}{4}$) inches; except that when lead or brass pipe is used, the minimum diameter may be one-half ($\frac{1}{2}$) inch.

Separate stop-cocks or valves, so located as to be accessible at all times, shall be placed at the foot of each riser line and, in all buildings other than residence buildings occupied exclusively by one or two families or having not more than fifteen sleeping rooms, on each branch line from the riser for each isolated fixture or each group of fixtures, such as bathroom fixtures, kitchen fixtures, etc.; except that only one stop cock or valve shall be required for the fixtures contained in any one apartment, suite, store or loft occupied by one tenant when all the fixtures contained in each such apartment, suite, store or loft are supplied from one branch line.

154. Diameters of branches to any fixtures must not be less than one-half inch, except when used to supply water-closets, cisterns or lavatories. When the material used is lead or brass pipe, the minimum diameter may be three-eighths inch. Branches for flush valves for water-closets must not be less than one and one-quarter inch in diameter and for urinals not less than three-quarters of an inch in diameter.

155. Where a hot water supply system is installed, the distance between the hot and cold water risers should not be less than six inches. Where it is impossible to place them six inches or more apart, the hot water riser must be covered with an approved insulating material and a method of circulation provided that will insure a prompt delivery of hot water at the faucet when required.

All hot water systems in buildings of more than four stories in height shall be of an approved circulating type. In buildings of four stories or less where the developed length of hot water piping exceeds 100 feet from the boiler to the fixture, an approved circulating system shall be installed.

(In connection with this amendment adopted November 12, 1931, all present installations where complying with the current rules may be maintained until April 1, 1933, with the proviso that should the Commissioner of the Department of Water Supply, Gas and Electricity deem an emergency exists the rule shall become effective on thirty days' notice of such emergency to the Commissioner of Buildings).

156. All risers and branches must be properly fastened.

157. When the water pressure is not sufficient to supply freely and continuously all fixtures, a house supply tank must be provided of sufficient size to afford an ample supply of water to all fixtures at all times. Such tanks must be supplied from the pressure or by power pumps, as may be necessary; when from the pressure, ball cocks must be provided.

158. House supply tanks must be metal-covered so as to exclude dust and so located as to prevent water contamination by gas and odors from plumbing fixtures.

159. House supply tanks must be of wood or iron, or of wood lined with tinned and planished copper.

160. House tanks must be supported on iron beams.

161. The overflow pipe should discharge upon the roof, where possible, and in such cases should be brought down to within six (6) inches of the roof, or it must be trapped and discharged over an open and water-supplied sink not in the same room, nor over three and one-half feet above the floor. In no case shall the overflow be connected with any part of the plumbing system.

162. Emptying pipes for such tanks must be provided and be discharged in the manner required for overflow pipes, and may be branched into overflow pipes. Emptying pipes for tanks containing more than five hundred (500) gallons must be four (4) inches in diameter and provided with a valve of same size fitted with a wheel or lever handle.

163. Acid wastes must be "B" lead pipe or earthen pipe; if of lead pipe they must be at least two inches in diameter, and if of earthen pipe at least three inches in diameter and continued down to the lower story of building and

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so arranged as to discharge into a lime box and diluting sink properly trapped and vented and connected inside of house trap. If the lime box and diluting sink are not used the acid waste must be extended to an earthen house sewer or separately and independently connected to a public or private sewer in street and provided with an accessible running trap located just inside of front wall of building. All branches and joints on lead acid wastes must be made by means of burnt lead joints. If earthenware pipe is used, vertical joints must be made with a mixture of asphaltum and cement. Each length of pipe on vertical runs and on horizontal runs when above the cellar floor must be supported at each hub by proper supports. All floor drains and fixture connections must be trapped and run as direct as possible.

Sewage Lifts.

164. When it is necessary to use a sump system and sewage lift to receive the discharge from the waste or soil connection to fixtures, same shall be arranged to be accessible. If discharged with compressed air it shall be connected to the house drain on the sewer side of all leader or area drain traps and fixture connections or may be connected to house drain on the sewer side of house trap. A separate trap and fresh air inlet must be provided on the inlet side of sump and a 4-inch pipe line continued from drain discharging into sump up to and above roof, for purposes of ventilation. Relief pipes must be provided on sewage receptacles of sumps. Traps of fixtures connected to sump systems must not be vented to vent lines which are used to ventilate traps of fixtures on gravity system. Sump systems should be entirely separate both as to discharge and venting from rest of plumbing system in buildings.

Oil Separators.

165. Oil separators installed in any building where volatile fluids are used must be arranged to be readily accessible. They must not receive the discharge of any water-closet, rain leader, yard, court or area drain.

166. They must, if discharged by gravity, be connected by a Y branch fitting to the house drain behind the house trap in such a manner that they will not interfere with the house drain and the rest of the plumbing and drainage system. When mechanical force is used to discharge the contents, the connection must be made by a Y branch fitting on the sewer side of house trap.

167. No separate running trap need be provided on the drain entering oil separators, but a separate fresh air inlet and vent line must be provided to keep the system of drainage controlled by the oil separator entirely separate from the rest of plumbing and drainage system.

168. The size of fresh air inlet shall be determined by the size of inlet connection to oil separator, which shall be considered the same as the term house-drain for determining the size of all fresh air inlets, which shall conform to the same requirements as regards size and arrangement of terminals for fresh air inlets as called for in regulations.

169. Vent lines shall conform in all respects to vent lines for plumbing fixtures as regards size and arrangement.

170. Relief pipes must be provided at least 1½ inches in diameter. They may be connected to a vent line when installed as a separate system or must be carried independently above the roof.

Testing the Plumbing System.

171. The entire plumbing and drainage system within the building must be tested by the plumber, in the presence of a Plumbing Inspector, under a water test. All pipes must remain uncovered in every part until they have successfully passed the test. The plumber must securely close all openings, as directed by the Inspector of Plumbing. The use of wooden plugs for this purpose is prohibited.

172. The water test will be applied by closing the lower end of the main house drain and filling the pipes to the highest opening above the roof with water. The water test shall include at one time the house drain and branches, all vertical and horizontal soil, waste and vent and leader lines and all branches therefrom to a point above the surface of the finished floor and beyond the finished face of walls and partitions. If the drain or any part of the system is to be tested separately, there must be a head of water at least six (6) feet above all parts of the work so tested, and special provision must be made for including all joints and connections in at least one test.

173. After the completion of the plumbing work in any new or altered building and before the building is occupied, a final smoke test must be applied in the presence of a Plumbing Inspector. Except that for a building not over six stories in height, a peppermint test may be applied.

174. The material and labor for the test must be furnished by the plumber. When the peppermint test is used, two ounces of oil of peppermint must be provided for each line up to five stories and cellar in height and an additional ounce of oil of peppermint must be provided for each line when lines are more than five stories in height.

Plumbing in Tenement Houses.

175. All sections or parts of sections of the tenement house law relating to plumbing and drainage of tenement houses are to be observed, and are hereby made a part of these rules and regulations.

Gas Piping and Fixtures.

176. Hereafter the gas piping and fixtures in all new buildings and all alterations and extensions made to the gas piping or fixtures in old buildings must be done in accordance with the following rules, which are made in accordance with the provisions of section 89 of the Building Code.

For additional requirements of public buildings, theatres and places of assemblage, see Part XXI of the Building Code.

177. Before the construction or alteration of any gas piping in any building or part of any building, a permit must be obtained from the Commissioner of Buildings. This permit will be issued only to a registered plumber. Small alterations may be made by notifying the Department of Buildings, using the same blank forms provided for alterations and repairs to plumbing.

178. All gas pipe shall be of the best quality wrought iron or steel and of the kind classed as standard pipe, and shall weigh according to the following scale:

Diameters	Weights per Linear Foot
¾ inch.....	0.56 pound
1½ inch.....	0.85 pound
¾ inch.....	1.12 pound
1 inch.....	1.67 pound
1¼ inch.....	2.24 pounds
1½ inch.....	2.68 pounds
2 inch.....	3.61 pounds
2½ inch.....	5.75 pounds
3 inch.....	7.54 pounds
3½ inch.....	9.00 pounds
4 inch.....	10.66 pounds

No pipe allowed of less than ¾ inch in diameter.

179. All fittings (except stop-cocks or valves) shall be of malleable iron.

180. There shall be a heavy brass straightway cock or

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valve on the service pipe immediately inside the front foundation wall. Iron cocks or valves are not permitted.

181. Where it is not impracticable so to do, all risers shall be left not more than five feet from front wall.

182. No pipe shall be laid so as to support any weight (except fixtures) or be subjected to any strain whatsoever. All pipe shall be properly laid and fastened to prevent becoming trapped, and shall be laid, when practicable, above timbers or beams instead of beneath them. Where running lines or branches cross beams, they must do so within thirty-six inches of the end of the beams, and in no case shall the said pipes be let into the beams more than two inches in depth. Any pipe laid in a cold or damp place shall be properly dripped, protected and painted with two coats of red lead and boiled oil or tarred.

183. No gas pipe shall be laid in cement or concrete unless the pipe or channel in which it is placed is well covered with tar.

184. All drops must be set plumb and securely fastened, each one having at least one solid trap. Drops and outlets less than $\frac{3}{4}$ of an inch in diameter shall not be left more than one inch below plastering, centrepieces or woodwork.

185. All outlets and risers shall be left capped until covered by fixtures.

186. No unions or running threads shall be permitted. Where necessary to cut out to repair leaks or make extensions, pipe shall be again put together with right and left couplings.

187. No gasfitters' cement shall be used, except in putting fixtures together.

188. All gas brackets and fixtures shall be placed so that the burners of same are not less than three feet below any ceiling or woodwork, unless the same is properly protected by a shield, in which case the distance shall not be less than eighteen inches.

No swinging or folding gas brackets shall be placed against any stud partition or woodwork.

No gas brackets on any lath and plaster partition or woodwork shall be less than five inches in length, measured from the burner to the plaster surface or woodwork.

Gas lights placed near window curtains or any other combustible material shall be protected by a proper shield.

189. Gas outlets for burners shall not be placed under tanks, back of doors or within four feet of any meter.

190. All buildings shall be piped according to the following scale:

Diameter	Length	Burners
$\frac{3}{8}$ inch.....	26 feet	3
$\frac{1}{2}$ inch.....	36 feet	6
$\frac{3}{4}$ inch.....	60 feet	20
1 inch.....	80 feet	35
$1\frac{1}{4}$ inch.....	110 feet	60
$1\frac{1}{2}$ inch.....	150 feet	100
2 inch.....	200 feet	200
$2\frac{1}{2}$ inch.....	300 feet	300
3 inch.....	450 feet	450
$3\frac{1}{2}$ inch.....	500 feet	600
4 inch.....	600 feet	750

191. Outlets for gas ranges shall have a diameter not less than required for six burners, and all gas ranges and heaters shall have a straightway cock on service pipe.

192. When brass piping is used on the outside of plastering or woodwork, it shall be classed as fixtures.

193. All brass tubing used for arms and stems of fixtures shall be at least No. 18 standard gauge and full size outside so as to cut a full thread.

All threads on brass pipe shall screw in at least $\frac{5}{16}$ of an inch. All rope or square tubing shall be brazed or

soldered into fittings and distributors, or have a nipple brazed into the tubing.

194. All cast fittings, such as cocks, swing joints, double centres, nozzles, etc., shall be extra heavy brass. The plugs of all cocks must be ground to a smooth and true surface for their entire length, be free from sandholes, have less than $\frac{3}{4}$ of an inch bearing (except in cases of special design), have two flat sides on the end for the washer, and have two nuts instead of a tail screw. All stop pins to keys or cocks shall be screwed into place.

195. After all piping is fitted and fastened and all outlets capped up, there must be applied by the plumber, in the presence of an inspector of the Department of Buildings, a test with air to a pressure equal to a column of mercury 6 inches in height, and the same to stand for five minutes; only mercury gauge shall be used. No piping shall be covered up, nor shall any fixture, gas heater or range be connected thereto until a card showing the approval of this test has been issued by the Commissioner of Buildings.

196. No meter will be set by any gas company until a certificate is filed with them from the Department of Buildings certifying that the gas pipes and fixtures comply with the foregoing rules.

Modifications.

197. When for any reason it may be impracticable to comply strictly with the foregoing rules, the Commissioner of Buildings shall have power to modify their provisions so that the spirit and substance thereof shall be complied with. Such modifications shall be indorsed upon the permit over the signature of the Commissioner of Buildings.

METHOD FOR TESTS FOR ANTI-SIPHON TRAPS OR FIXTURES.

Adopted by the Board of Standards and Appeals,
February 11, 1919.

Resolved, that the following be and it hereby is adopted by the board of standards and appeals as the method prescribed for tests for anti-siphon traps or fixtures, which must be successfully passed before such traps or fixtures shall be approved under Rule 88, Rules for Plumbing and Drainage:

Instructions.

1. The entire cost and responsibility for the installation of the necessary equipment for such test shall be borne by the person or firm submitting the appliance.

2. Such person or firm shall also furnish the board, together with the application for test, the following material and information:

(a) A stock trap of the size and design to be tested, which shall be of the P and S type and shall be of lead or brass, cast in one piece, and without interior partitions or mechanism.

(b) A similar trap cut in half.

(c) A similar trap, to be used in the test, provided with glass observation ports of sufficient size to permit clear observation of the action occurring within the trap during test, and such observation ports shall be so located that the amount of water seal remaining after each test can be readily observed.

(d) An affidavit that the three traps submitted are regular stock traps.

(e) A list of all cities, towns or municipalities where such trap has been officially approved for use without back venting.

The testing apparatus shall be located within the City of New York, and in a place, building or structure to meet the approval of the testing authorities. Such apparatus shall be so located that every part is easily accessible for inspection.

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Apparatus.

The apparatus shall consist of the following:

A tank of not less than fifty nor more than one hundred and fifty gallons capacity, with adequate water supply for refilling the same during the test.

A vertical wrought iron or steel pipe line fifty feet long, connected to the underside of the tank, and of the same internal diameter as the trap to be tested.

A quick-opening valve, located ten feet below the underside of the tank.

A TY fitting located two feet below the quick-opening valve, with horizontal branch pipe connected thereto, of the same diameter as the vertical line, this branch line not to exceed two feet in length, with a pitch towards the vertical line of two inches to the foot, and the trap to be tested shall be connected to this horizontal branch pipe.

A wash basin, or fixture answering the same purpose, which can be conveniently connected or disconnected from the inlet side of the trap.

The test shall be conducted as follows:

For Anti-Siphon Qualities.

For the purpose of determining the efficiency of the trap, the tank shall be completely filled, a water seal established in the trap; and:—

The quick-opening valve shall be opened for five seconds, then closed for five seconds, and this alternating process repeated five times.

The quick-opening valve shall be opened and the entire contents of the tank discharged at one time.

The wash basin shall be connected to the trap, filled with water, and both wash basin and tank discharged simultaneously. The quick-opening valve shall be kept open until the entire contents of the tank has been discharged.

The trap shall be disconnected and a bridge of solid soap formed across the lower half of the discharge end of the trap, so as to effectually block one-half of the clear waterway, and the foregoing tests repeated.

Each operation shall be repeated several times, if desired by the testing authorities.

For Self-Cleansing Qualities.

For the purpose of determining its self-cleansing qualities, the trap shall be filled with sand and the wash basin filled with water and allowed to discharge. A similar operation shall be repeated with tea leaves, coffee grounds, sawdust and grated soap.

For Service Qualities.

The service qualities of the trap may be tested as follows:

A trap which has been in actual constant use for a period of not less than one year shall be removed under the supervision of a representative of the testing authorities, split into two halves, and submitted for inspection, for the purpose of determining whether sediment or coating of grease or other foreign matter has accumulated in the trap during service conditions.

Approval.

An approval shall not be issued for any anti-siphon trap which has been subjected to the foregoing tests unless the trap has:

1. Maintained its water seal throughout the test.
2. Been successfully scoured of any foreign substance placed in the trap, when water has been discharged through same.
3. Upon inspection, after service, shown no excessive accumulation of grease or other foreign substance.

Deep Seal Siphon-Jet Fixtures, or Anti-Siphon Fixtures.

Instructions: Applicants for approval of deep seal siphon-jet or anti-siphon fixtures shall submit the following with their application:—

- (a) A stock fixture of the size and design to be tested.
- (b) A similar fixture, cut in half.
- (c) A similar fixture, to be used in the test, provided with glass observation ports of sufficient size to permit clear observation of the action occurring within the fixture during test, and such observation ports shall be so located that the amount of water seal remaining after each test can be readily observed.
- (d) An affidavit that the three fixtures submitted are regular stock fixtures.

Apparatus.

The apparatus shall be similar to that required for anti-siphon traps, except that vertical and horizontal pipes shall have an internal diameter of three inches for testing slop sinks and four inches for testing water-closets; tank shall have a capacity of not less than one hundred gallons and the fixture shall be provided with its usual water supply so that same may be flushed when required.

Test.

For the purpose of determining the efficiency of the fixture to maintain a water seal, it shall be tested in a manner similar to that prescribed for anti-siphon traps, except that no soap bridge need be provided at the outlet.

RULES

USE OF HYDRATED LIME IN CONCRETE

Adopted by the Board of Standards and Appeals, April 19, 1920, under Cal. No. 153-20-S.

The use of hydrated lime in all classes of concrete construction shall not be prohibited when used in accordance with the conditions hereinafter set forth.

The hydrated lime shall conform with the standard specifications for this material which have been adopted by the American Society for Testing Materials.

The maximum amount of hydrated lime which may be used shall conform with the following table, all weights given being the amount of lime which may be incorporated for each ninety-five pound bag of Portland cement:

1-1½-3 Mix, 4 pounds of hydrated lime per bag of cement.

1-2-4 Mix, 5 pounds of hydrated lime per bag of cement.

1-2½-5 Mix, 6 pounds of hydrated lime per bag of cement.

For hand mixed concrete, the hydrated lime and Portland cement shall be well mixed while dry.

Hydrated lime shall not be used in concrete which is to be deposited under water.

PROGRESS REPORT

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Plans approved	8
Plans disapproved	0
Administrative requests granted.....	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	18
Total	594

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

JULY 9, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 28

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

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OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, July 2, 1935, at 2 P. M.

Smoking in Factory, Rules.

Correction.

Notice of Public Hearing on Proposed Amendment of Oil Burner Rules.

Second Quarterly Report.

Approved Fireline Hose Valves.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, July 8, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, July 15, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

New Cases Filed up to July 3, 1935.

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187-35-A.....	D.B.B.....	Pier No. 38, Atlantic Basin (Block 515, part of Lot 51), Brooklyn. Applic. 2413-35.
186-35-A.....	D.B.M.....	225-227 West 57th street (Block 1029, Lot 17), Manhattan, Decision.
185-35-A.....	D.B.M.....	1780-1782 Broadway (Block 1029 Lot 14), Manhattan, Decision.
184-35-A.....	F.D.....	376-412 Maspeth avenue (Block 2928, Lot 1), Brooklyn, Decision.
183-35-BZ....	D.B.M....	535-547 East 116th street and 536-550 East 117th street (Block 1715, Lots 18, 33, 37 and part of Lots 22 and 30), Manhattan, Applic. 107-35.
182-35-SA....	F.D.....	Majestic Water Heater, Models 255A and 255B, Appliance.
181-35-SA....	F.D.....	Majestic Space Heater, Models 247T and 248, Appliance.
180-35-SA....	F.D.....	Majestic Range Oil Burner, Models, 27B and 27T, Appliance.
179-35-SA....	F.D.....	Loneragan Automatic Hot Water Heater with Tank, Appliance.
178-35-SA....	F.D.....	Gould Automatic Oil Burner, Appliance.
177-35-SA....	F.D.....	Todd Mechanical Oil Burner, Type Hex-Press, Appliance.

Restored to Calendar.

617-24-BZ....	D.B.B.....	41-57 Third avenue, southeast corner of Atlantic avenue (Block 186, Lot 1), Brooklyn, Applic. 10272-33.
556-26-BZ....	D.B.M.....	501 West 180th street and 2418 Amsterdam avenue, northwest corner (Block 2152, Lots 82, 83, 84 and 85), Manhattan, N. B. 60-34.
111-33-BZ....	D.B.Q.....	Jamaica Bay boulevard and Morrell avenue, northeast corner (Block 4046, Lot 82), Howard Beach, Queens, Plan No. 204-33.
783-27-BZ....	D.B.B.....	8514-8524 15th avenue, northwest corner of 86th street (Block 6340, Lot 43), Brooklyn, Applic. 11629-33.
363-31-A.....	F.D.....	111-117 49th street (Block 771, Lot 1), Brooklyn, 64435-L.C.
210-33-BZ....	D.B.B.....	238-240 Kosciusko street (Block 1786, Lot 5), Brooklyn, Applic. 6019-35.
66-28-BZ....	D.B.Q.....	205-243 Hollis avenue and 109-42 Cross Island boulevard, northwest corner (Block 1861, Lots 28 and 30), Hollis, Queens, N. B. 343-28.
298-33-SA....	F.D.....	American Blue Flame and Sun Flame Oil Burners—additional Models, Appliance.

1279-25-SA....F.D.....Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R, Appliance.

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D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

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Concrete Rules (Hydrated Lime)...	July 2, 1935—Vol. 20, No. 27
Elevator Rules	May 21, 1935—Vol. 20, No. 21
Exist Rules (Revolving Doors)....	Jan. 1, 1935—Vol. 20, No. 1
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Wire Glass Rules (Amendment to Rule 505 of Industrial Code)...	Apr. 10, 1923—Vol. 8, No. 15

COURT DECISION

Matter of Rubel Corp'n. vs. Murdock—March 27, 1934, Board denied request to reopen application for gas station previously denied, under section 21, in business district, on alleged new facts, or accept new case. Cal. No. 272-30-BZ, premises 923-943 East New York avenue, 440-6 Utica avenue and 872-884 Lefferts avenue, Brooklyn. Mr. Justice Dodd reversed Board on recommendation of Referee. Appellate Division remitted matter to Board for hearing. (N. Y. L. J. July 2, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, JULY 8, 1935, AT 2 P. M.

Building Zone Cases.

101-32-BZ.

APPLICANT—Joseph Schafran, for Thema Rosen, owner. PREMISES—2871 Bailey avenue, west side, 182.28 feet south of West 230th street (Block No. 3264, Lot No. 70). The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages.

CALENDAR

105-35-BZ.

APPLICANT—William Kaufman, owner.

PREMISES—50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

APPLICATION, under sections 7-B and 21 of the building zone resolution,

TO PERMIT the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot.

533-28-BZ.

APPLICANT—Eugene De Rosa, for 2291 Realty Corporation, owner.

PREMISES—2255-2291 Grand Concourse, west side, 93 feet south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened May 21, 1935),

TO PERMIT in a residence district the erection and maintenance of a business building (theatre, stores and restaurant).

JULY 9, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, July 9, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 107-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of Scacchetti & Siegel, applicants, on behalf of the Estate of Julian Ismay Jones, infant, owner; Mary Ismay Sullivan, general guardian, to permit upon a plot of ground located partly in an unrestricted district and partly in a business district the erection and maintenance of a building to be used as a garage for more than five (5) motor vehicles and motor vehicle repair shop and, also, a gasoline service station; premises 1301-1305 Jerome avenue and 1-9 West Clarke place, northwest corner (Block No. 2856, Lot Nos. 60 and 63), The Bronx.

CAL. NO. 116-35-BZ—Application, May 7, 1935, under section 21 of the building zone resolution, of Andrew F. Weber, applicant, on behalf of Ann H. Draper, owner, to permit in a residence district the alteration and change of occupancy of part of an existing dwelling so as to include a business use (undertaking establishment); premises 103-44 Springfield boulevard, northwest corner of Hollis avenue (Block No. 2008, Lot No. 22A), Queens Village, Borough of Queens.

CAL. NO. 641-30-BZ—Application of Michael Shanley, on behalf of 2508 Broadway, Inc., owner, reopened April 23, 1935, under sections 7f and 21 of the building zone resolution, to permit partly in a business use district and partly in a residence use district, the maintenance of a gasoline service station for a further period of two (2) years; premises South side of Hillside avenue, 41 feet east of 207th

street (Block No. 1508, Lot Nos. 3, 4 and 5), Queens Village, Borough of Queens.

CAL. NO. 203-33-BZ—Application of Lama and Proskauer, on behalf of Borden's Farm Products Co., Inc., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; (previously withdrawn); premises 365-379 Fourth avenue, east side, 20 feet north of 6th street (Block No. 987, part of lot No. 1), Brooklyn.

Appeals from Administrative Orders.

- 149-35-A—1200 39th street (Block No. 5293, Lot No. 1), Brooklyn.
- 169-35-A—442 Lafayette street and 4-8 Astor place (Block No. 545, Lot Nos. 28 and 33), Manhattan.
- 170-35-A—16 East 18th street (Block No. 846, Lot No. 65), Manhattan.
- 173-35-A—503-507 East 55th street (Block No. 1371, part of Lot No. 38), Manhattan.
- 184-35-A—376-412 Maspeth avenue (Block No. 2928, Lot No. 1), Brooklyn.
- 185-35-A—1780-1782 Broadway (Block No. 1029, Lot No. 14), Manhattan.
- 186-35-A—225-227 West 57th street (Block No. 1029, Lot 17), Manhattan.

HARRIS H. MURDOCK, *chairman.*

JULY 9, 1935, 2 P. M.

Appeals from Administrative Orders.

- 18-35-A—900-910 Jamaica avenue and 5-9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.
- 187-35-A—Pier No. 38, Clinton Wharf, Atlantic Basin (Block No. 515, part of Lot No. 1), Brooklyn.

Appliances Submitted for Approval.

- 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
- 172-35-SA—Florence Oil Space Heater, Models PH-28 and PH-8.
- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
- 178-35-SA—Gould Automatic Oil Burner.
- 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
- 180-35-SA—Majestic Range Oil Burner, Models 27B and 27T.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, July 9, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 334-29-BZ—Application of Walter H. Volckening, on behalf of Famous Red Ash Coal Co., lessee (21 year lease), reopened June 18, 1935 for consideration of an amendment to resolution to permit the erection of a portion of the required fence of wood instead of masonry—re application, granted, under section 21

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of the building zone resolution, permitting in a residence district the extension and addition to an existing use—coal pockets and business building; premises 1876-1878 50th street, south side 100 feet west of 19th avenue and 1853-1877 51st street, north side, 100 feet west of 19th avenue (Block No. 5461, Lot No. 36), Brooklyn.

CAL. NO. 100-34-BZ—Application of Samuels and Samuels, on behalf of Kariene Burke, owner, reopened June 4, 1935 for consideration of an amendment to the resolution of July 3, 1934 as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 138-50 Jamaica avenue and 89-11 138th place, south east corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

JULY 12, 1935, 2 P. M.

SPECIAL MEETING.

Rules

217-21-SR—Oil Burner Rules, Proposed Amendment of.

CALL OF CLERK'S CALENDAR

MONDAY, JULY 15, 1935, AT 2 P. M.

Building Zone Cases.

2-35-BZ.

APPLICANT—Jacob Lubroth, for Mipan Property, Inc., owner.

PREMISES—5313-5323 Avenue D and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop.

101-35-BZ.

APPLICANT—Rose Rothenberg, for Maximilian Realty Co., Inc., owner.

PREMISES—659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the maintenance of a business use (restaurant).

124-35-BZ.

APPLICANT—Samuels & Samuels, for Carl P. Gronbeck, owner.

PREMISES—242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

142-35-BZ.

APPLICANT—Edwin C. Georgi, for Riverside Crematory, Inc., owner.

PREMISES—1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district).

JULY 16, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, July 16, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 1066-25-BZ—Application of Roland Lievendag, owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the alteration of a garage for more than five (5) motor vehicles (with permit for sale of gasoline), which was granted by the board on March 30, 1926 (and extended into the residence district under Cal. No. 74-28-BZ), so as to form an alcove gasoline service station; premises Northwest corner of 46th avenue (Queens avenue) and 164th street (24th street); (Block No. 5442, Lot No. 81), Flushing, Borough of Queens.

CAL. NO. 79-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution of Patrick Filomio, applicant, on behalf of Filomio Building Corp., owner, to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop; premises 3223 Laconia avenue, west side, 81.41 feet north of Boston road (Block No. 4613, Lot No. 54), The Bronx.

CAL. NO. 95-35-BZ—Application, April 11, 1935, under sections 7A and 21 of the building zone resolution, of Frank V. Laspia, applicant, on behalf of Stanley Gorski, owner, to permit in a residence district the change of occupancy of an existing building (located on the rear of the lot) to a knitting mill; premises 42 Barbey street, east side, 150 feet north of Belmont avenue (Block No. 4013, Lot No. 3), Brooklyn.

CAL. NO. 104-35-BZ—Application, April 18, 1935, under section 21 of the building zone resolution of Lama and Proskauer, applicants, on behalf of Angelino Agostino, owner, to permit partly in a business district, and partly in an unrestricted district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 5809-581 Bay parkway, east side, 80 feet 83 inches north of 59th street (Block No. 6547, Lot Nos. 5 and 7), Brooklyn.

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CAL. NO. 161-35-BZ—Application, June 19, 1935, under section 21 of the building zone resolution, of John M. Baker, applicant, on behalf of Adelaide Sundheimer, owner, to permit in a residence use and "E" area district the erection and maintenance of a building (dwelling) not conforming with "E" area requirements; premises 22-16 75th street, west side, 120 feet south of Ditmars boulevard (Block No. 1006, Lot No. 12), Jackson Heights, Borough of Queens.

CAL. NO. 120-35-BZ—Application, May 14, 1935, under section 21 of the building zone resolution, of Maxwell A. Cantor, applicant, on behalf of Andon E. Andon, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

CAL. NO. 137-35-BZ—Application, May 28, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Emigrant Industrial Savings Bank, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 113-123 West 51st street and 112-118 West 52nd street (Block No. 1004, Lot Nos. 19-23 and 41-44), Manhattan.

CAL. NO. 151-35-BZ—Application, June 11, 1935, under sections 7c and 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Lena Traversi, owner, to permit partly in a business district and partly in a residence district the alteration and extension of an existing moving picture theatre; premises 6502 18th avenue and 1788 65th street, southwest corner (Block No. 5553, Lot No. 40 and part of Lot No. 37), Brooklyn.

CAL. NO. 183-35-BZ—Application, July 1, 1935, under section 21 of the building zone resolution, of Washburn Wire Co., Inc., applicant, on behalf of Washburn Wire Co., Inc., Standard Gas Light Co. and City of New York, owners, to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a factory building; premises 535-547 East 116th street and 536-550 East 117th street (Block No. 1715, Lot Nos. 18, 33 and 37 and part of Lot Nos. 22 and 30), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

JULY 16, 1935, 2 P. M.

Appeal from Administrative Order.

162-35-A—37-59 Railroad avenue, west side, 440 feet south of Greenpoint avenue (Block No. 312, Lot Nos. 263, 267 and 273), Long Island City, Borough of Queens.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, July 16, 1935, at 2 o'clock*, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 61-35-BZ—Application, March 8, 1935, under section 21 of the building zone resolution, of W. H. Harrington, applicant, on behalf of Joseph L. Fries Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

CAL. NO. 297-34-BZ—Application of Enmor Realty Corporation, owner, reopened June 25, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 2705-2715 Nostrand avenue, east side, 360 feet north of Avenue N (Block No. 7666, Lot No. 25), Brooklyn.

CAL. NO. 106-35-BZ—Application, April 22, 1935, under section 21 of the building zone resolution, of Fertig, Walter and Gottesman, applicants, on behalf of Michael Tuch, owner, to permit in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.); premises 153-14 90th avenue, south side, 100.08 feet east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

CAL. NO. 115-35-BZ—Application, May 3, 1935, under sections 7c and 21 of the building zone resolution, of Eugene De Rosa, applicant, on behalf of Amsterdam Apartments, Inc., owner, to permit partly in a business district and partly in a residence district, the erection and maintenance of a building to be used as a motion picture theatre, stores and offices; premises 361-363 West 23rd street, north side, 150 feet 1½ inches east of 9th avenue and between 346-348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

CAL. NO. 617-24-BZ—Application of Newman, Hauser and Teitler, on behalf of Lantic Corporation, owner, reopened July 2, 1935, for

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consideration as to extension of time to complete work—re application, granted on certain conditions under section 7c of the building zone resolution, permitting the alteration and conversion of occupancy of building used as a factory, stable and garage, located partly in a business district and partly in an unrestricted district, to a garage for the storage of more than five (5) motor vehicles; premises 41-57 Third avenue, southeast corner of Atlantic avenue (Block No. 186, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 10, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Boughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. No. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, re-

opened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 10, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, reopened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application, granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY MORNING, JULY 2, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

106-35-BZ.

APPLICANT—Fertig, Walter & Gottesman, for Michael Tuch, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the change of occupancy of an existing building to business use (restaurant, ball room, etc.).

PREMISES AFFECTED—153-14 90th avenue, south side, 100.08 feet east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Samuel Gottesman, Harry Schoen.
For Administration: L. C. Squire for Department of Parks; Captain Bernard A. Ditsch for Police Department.

For Opposition: Robert T. Orr, James McLeary.

ACTION OF BOARD—Laid over to July 16, 1935, at 2 P. M., for report of committee of inspection. No further argument.

115-35-BZ.

APPLICANT—Eugene De Rosa, for Amsterdam Apartments, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a motion picture theatre, stores and offices.

PREMISES AFFECTED—361-363 West 23rd street, north side, 150 feet 1½ inches east of Ninth avenue and between 346 and 348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

APPEARANCES—

For Applicant: Eugene De Rosa, William H. Bird, P. Giassi.

For Opposition: James W. Donahy, Morris Lavitt, Archie H. Samuels.

ACTION OF BOARD—Laid over to July 16, 1935, at 2 P. M., for report of committee on inspection. No further argument.

151-35-BZ.

APPLICANT—William B. Linder, for Lena Traversi, owner.

SUBJECT—Application for preferential hearing—application (re decision of the commissioner of buildings) under sections 7c and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration and extension of an existing moving picture theatre.

PREMISES AFFECTED—6502 18th avenue and 1788 65th street, southwest corner (Block No. 5553, Lot No. 40 and part of Lot No. 37), Brooklyn.

APPEARANCES—

For Applicant: William B. Linder.

ACTION OF BOARD—Preferential hearing granted, calendar call waived and set for hearing, July 16, 1935 at 10 A. M.

THE VOTE TO GRANT PREFERENTIAL HEARING:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0
Absent 0

183-35-BZ.

APPLICANT—Washburn Wire Co., Inc., for Washburn Wire Co., Inc., Standard Gas Light Co., and City of New York, owners.

SUBJECT—Application for preferential hearing—re application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a factory building.

PREMISES AFFECTED—535-547 East 116th street, 536-550 East 117th street (Block No. 1715, Lot Nos. 18, 37, 33 and parts of 22 and 30), Borough of Manhattan.

APPEARANCES—

For Applicant: Raymond J. Walsh.

ACTION OF BOARD—Preferential hearing granted, calendar call waived and set for hearing July 16, 1935, at 10 A. M.

THE VOTE TO GRANT PREFERENTIAL HEARING:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

617-24-BZ.

APPLICANT—Samuel L. Teitler, for Lantic Corp., owner.

SUBJECT—Application for reopening—extension of time—Application (re decision of the superintendent of buildings) under section 7c of the building zone resolution, permitting the alteration and conversion of occupancy of building used as a factory, stable and garage, located partly in a business district and partly in an unrestricted district to a garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—41-57 Third avenue, southeast corner of Atlantic avenue (Block No. 186, Lot No. 1), Borough of Brooklyn.

APPEARANCES—

For Applicant: Samuel L. Teitler.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing, July 16, 1935 at 2 P. M.

THE VOTE TO REOPEN AND SET FOR HEARING:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

567-32-BZ.

APPLICANT—Raymond B. Stringham, for A. C. & H. M. Hall Realty Company, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit the amendment of a resolution, granting in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles, so as to include an additional vehicular driveway and also, the alteration and change of occupancy of part of said garage to include a gasoline service station (reopened May 14, 1935).

PREMISES AFFECTED—3320-3338 Broadway, east side, from West 134th street to West 135th street (Block No. 1988, Lot No. 1), Manhattan.

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APPEARANCES—

For Applicant: Raymond B. Stringham, A. C. Hall.
For Opposition: Paul R. Shaw, Jos. K. Minutolo,
Wm. A. Kelleher.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT:

Affirmative	0
Negative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Absent	0

THE RESOLUTION—

(567-32-BZ)

WHEREAS, L. S. Posner, for Wayside Realty Co., owner, filed November 18, 1932, an application under the building zone resolution to permit in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles, premises 3320-3338 Broadway, east side West 134th street to West 135th street (Block No. 1988, Lot No. 1) Borough of Manhattan; and

WHEREAS, this variation was granted by the board February 7, 1933, the resolution reading as follows:

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted on condition that the present general roof line of the main theatre building shall not be carried any higher and that all portions of the building that are not now at that height shall be allowed to be carried up to the present general height; that plans showing the proposed alteration shall be substantially followed, permitting that part of the building not now built on, namely, a rear exit passage from the theatre, and that portion along Broadway, now one story high, to be carried up to the general height of the building, that the entire frontage of 135th street and for a distance southerly from 135th street along Broadway for at least 25 feet shall be used on the street story for conforming business only, with no signs thereon, indicating the use of the building as a garage and such conforming use along 135th street shall be cut off from the garage portion with unpierced fireproof walls; that the entrances to the garage shall be limited to two elevator entrances on the Broadway side, approximately in the center, and to the automobile entrance from 134th street and, also, an additional exit from the first floor of the garage, to be located north of the elevators, on Broadway; that no entrance to the garage shall exceed 14 feet in width; that this variation of the use shall continue only so long as the existing building as altered shall remain; that no gasoline shall be sold on the premises except in emergency for the use of such cars as are stored therein with no portable gasoline tanks operating in or from the premises; that the tank for such emergency gasoline shall not exceed 550 gallons; that no automobile repair work shall be done on the premises; that the boiler room shall be entirely separated from all other parts of the building with fireproof walls, access thereto to be entirely from the exterior of the building; that the building shall be protected with a standpipe system and a sprinkler system installed in accordance with the rules of the Board of Standards and Appeals; that complete plans for the proposed work shall be submitted to the board for approval before submission to the superintendent of buildings; that all permits shall be obtained within three months and work completed within one year from the date of approval of such plans by the board.

and

WHEREAS, Raymond B. Stringham, for A. C. and H. M. Hall Realty Co., present owners, requested a reopening

of the case to permit an additional vehicular entrance on West 135th street and the alteration and change of occupancy of a portion of the garage to include a gasoline service station; and

WHEREAS, this case was reopened by vote of the board May 14, 1935, and

WHEREAS, a public hearing was held on this amendment to this application by the Board of Standards and Appeals at its regular meeting July 2, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the decision of the commissioner of buildings rendered April 11, 1935 in acting on alteration application 2638 of 1935, reads:

6. Proposed installation of automobile entrance on West 135th street front of building is contrary to conditions set forth in resolution of Board of Standards and Appeals Cal. 567-32-BZ, printed in Vol. 18, Bulletin No. 7.
7. Proposed gasoline service station is contrary to section 4 of the zone resolution. Further, installation of service station in this building is in direct violation of conditions imposed by Board of Standards and Appeals in Cal. 567-32-BZ.
8. Any changes in arrangement or in occupancy of building must be submitted to Board of Standards and Appeals for approval. See conditions of approval Cal. 567-32-BZ, also C.O. No. 19582.

and

WHEREAS, it is proposed to alter the present two and three story fireproof garage building by providing an additional vehicular entrance from West 135th street and to set back a portion of the first story to form an alcove gasoline station 22 feet by 61 feet in area; and

WHEREAS, the decision of the board February 7, 1933, was subject to court review and the decision of the board was sustained; and

WHEREAS, the premises have been inspected by a committee of the board whose report was verbally made by the chairman recommending that the proposed modification in the conditions imposed by the board should not be made.

Resolved, that the decision of the commissioner of buildings be and it hereby is affirmed, and that the application be and it hereby is denied.

150-35-BZ.

APPLICANT—Walter C. Martin, for Board of Education City of New York, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence use and also "E" area district the erection of the street wall of a building, less than ten (10) feet from the building line.

PREMISES AFFECTED—4001-4023 Fillmore avenue, 1837-1883 Kimball street and 1838-1884 Coleman street (Block No. 8484, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: C. E. Dobbin, Charles Tilgner, T. Belzner.

For Opposition: J. J. Robertson, Mae K. Robertson.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(150-35-BZ)

WHEREAS, Walter C. Martin for Board of Education, City of New York, owner, filed June 11, 1935, an application under the building zone resolution to permit in a

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residence use and also "E" area district the erection of the street wall of a building less than ten (10) feet from the building line; premises: 4001-4023 Fillmore avenue, 1837-1883 Kimball street and 1838-1884 Coleman street (Block No. 8484, Lot No. 1), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 2, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Avenue R is in a residence use and "E" area district; Kimball street is in a residence use and "E" area district and Coleman street is in a residence use and "E" area district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 10, 1935 (App. No. 6323-1935), reads:

"New extensions to be erected no nearer than 10 feet to the building lines as required for "E" district, article IV section 15 (d) zone resolution. Above application is therefore denied."

and

WHEREAS, the existing building is of fireproof construction three stories in height, with a frontage of 193 feet 2 inches on Avenue R, 55 feet 7 inches on Coleman street and 84 feet 1 inch on Kimball street; occupied as a public school building; it is proposed to erect a 51 feet 4 inches

high extension, 93 feet by 59 feet in area and also a 49 foot high extension 99 feet 6 inches by 59 feet in area (on Kimball street), to the existing Public School building. It is proposed to locate these two extensions 3 feet 1 inch and 3 feet 5 inches, respectively, back from the street lines—instead of the required 10 feet setback; and

WHEREAS, the board is empowered under section 7, subdivision C of the building zone resolution, to grant a variation under such circumstances as obtain in this application.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the area district regulations of the building zone resolution and that the application be and it hereby is *granted* under Section 7c, permitting the proposed extensions into the E-area district as shown, namely 3 feet 1 inch for a distance of 93 feet along Coleman street and 3 feet 5 inches for a distance of 99 feet 6 inches on Kimball street, as indicated on plans filed with this application, *on condition* that this building shall not exceed 60 feet in height and that other than as varied herein the zoning resolution shall be complied with in all respects and the rear playground as shown shall remain unbuilt upon.

Adjourned, 12:35 p. m.

EDWARD V. BARTON, *Chief Clerk*

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY AFTERNOON, JULY 2, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, June 25, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, June 25, 1935, were approved as printed in Bulletin No. 27, Vol. XX.

BUILDING ZONE CASES.

111-33-BZ.

APPLICANT—Conroy and Hardy, for Christ G. Callas, owner.

SUBJECT—Application for reopening—extension of time—re application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82), Howard Beach, Borough of Queens.

APPEARANCES—

For Applicant: R. S. Hardy.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing September 10, 1935 at 10 A. M.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

783-27-BZ.

APPLICANT—Conroy and Hardy, for 202 West 63rd Street Corporation, owner.

SUBJECT—Application for reopening and rehearing by order of the Court—re application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing September 10, 1935 at 10 A. M.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

210-33-BZ.

APPLICANT—Dominick Salvati, for Jacob Frommer, owner.

SUBJECT—Application for reopening under new proposition—re (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store permission to maintain which was previously granted by the board.

PREMISES AFFECTED—238-240 Kosciusko street, south side, 66 feet east of Tompkins avenue (Block No. 1783, Lot No. 55), Brooklyn.

APPEARANCES—

For Applicant: Dominick Salvati.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing September 10, 1935, at 2 P. M.

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THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kid- ney	4
Absent	0
Negative	0

66-28-BZ.

APPLICANT—Adolph Goldberg, for Louisa Heintz and Frieda Heintz, owners.

SUBJECT—Application for reopening—amendment—re application (decision of the superintendent of buildings) under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

APPEARANCES—

For Applicant: Adolph Goldberg.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing September 17, 1935, at 10 A. M.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

401-31-BZ.

APPLICANT—Apperson Realty Corporation, owner.

SUBJECT—Application reopened June 11, 1935, for amendment and extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1-19 Fifth avenue, 622-628 Atlantic avenue and 623-627 Pacific street (Block No. 1119, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kid- ney	4
Negative	0
Absent	0

THE RESOLUTION—

(401-31-BZ)

WHEREAS, this application affecting premises 1-19 Fifth avenue, 622-628 Atlantic avenue, and 623-627 Pacific street (Block No. 1119 Lot No. 1), Borough of Brooklyn, to permit in a business use district the erection and maintenance of a gasoline service station was granted by the board December 18, 1931, on certain conditions, amended October 31, 1933 and May 8, 1934, and owner requests an extension of the time limit.

WHEREAS, this case was reopened by vote of the board June 11, 1935, and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting July 2, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on Decem-

ber 18, 1931, as amended October 31, 1933, and to re-affirm resolution and to amend in the following respects:

“... that the time for obtaining permits and completion of work shall be extended for a period of two years from the date of this resolution and during this interval, two (2) 550-gallon gasoline tanks may be installed and two pumps may be maintained, located where indicated on plans filed and marked ‘received September 28, 1933,’ not nearer than 15 feet, however, to the existing lunch wagon, *on condition* that no gasoline shall be sold other than to cars parked on the premises under appeal, for which this variance was granted, namely, plot 80 feet by 100 feet at corner formed by intersection of Fifth avenue and Atlantic avenue; that a permit for transient parking shall be duly obtained and that the only entrance to the plot under appeal shall be from Atlantic avenue by means of an existing curb cut, approximately 14 feet in width.”

27-35-BZ.

APPLICANT—John J. Dunnigan, for Bertha Schrank, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of a building now occupied as stores to a gasoline service station.

PREMISES AFFECTED—3618-3640 Bailey avenue, east side, 100 feet south of West 238th street (Block No. 3262, Lot No. 58), The Bronx.

APPEARANCES—

For Applicant: W. H. Dusenbury.

For Opposition: S. Weinberg, Irving Rozen and Charles P. Hallock, Jr.

ACTION OF BOARD—Application withdrawn.

THE VOTE TO WITHDRAW:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(27-35-BZ)

WHEREAS, a committee of the board inspected these premises report of which inspection was read at this hearing, and

WHEREAS, the applicant requested a withdrawal of this case.

Resolved, that the application be and it hereby is *withdrawn*.

110-35-BZ.

APPLICANT—Scacchetti & Siegel, for 2210 Grand Concourse, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a business building (stores).

PREMISES AFFECTED—2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), The Bronx.

APPEARANCES—

For Applicant: Max Siegel.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

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THE RESOLUTION—

(110-35-BZ)

WHEREAS, Scacchetti & Siegel, for 2210 Grand Concourse, Inc., owner, filed April 25, 1935, an application under the building zone resolution to permit in a residence district the erection and maintenance of a business building (stores) premises: 2206-2210 Grand Concourse and 200 East 182nd street, southeast corner (Block No. 3157, Lot No. 32), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 2nd, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Grand Concourse is in a residence district; Anthony Avenue is in residence and business districts; East 182nd street is in a residence district and East 183rd street is in business and residence districts; and

WHEREAS, the decision of the commissioner of buildings, rendered April 23, 1935, re N. B. App. No. 110-35, reads:

"1. Erection of building in residence district to be occupied for business purposes (stores) is contrary to provisions of building zone resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 62.7 feet on Grand Concourse and 68.8 feet on East 182nd street—upon which it is proposed to erect a one-story structure to be occupied as stores; and

WHEREAS, these premises were the subject of an inspection by a committee of the board, which inspection was made on June 20, 1935, and verbal report made by the chairman that the committee was of the opinion that there was hardship existing because of the small size of the plot, which together with the excessive assessed valuation makes it impossible to develop it for permitted residential use; and

WHEREAS, it was also the committee's opinion that because of the location of these premises next to a public garage that hardship exists and the committee recommends that the application be granted under section 21 of the building zone resolution; and

WHEREAS, the board denied that applicant had substantiated the basis of his application under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted under section 21, permitting the one-story store building of the design and arrangement as indicated on plans filed marked "received April 25, 1935" on condition that along East 182nd street, the show window shall not extend for a distance greater than 15 feet from the corner formed by the intersection of Grand Concourse and East 182nd street; that any other windows in the East 182nd street building line wall shall not be over 5 feet in width each, with sills not less than 7 feet above the sidewalk curb, except that there shall be an exit door at the extreme easterly end as an exit from a fire-resisting corridor that shall be constructed parallel to the rear lot line wall to provide second exit from each of the proposed stores; that this fire hallway shall be used solely for fire exit and not for storage of merchandise or accumulation of rubbish; that skylights erected in the roof shall not be nearer than 10 feet from the wall of the abutting apartment house to the east; that the skylights shall be glazed with thin glass with screen guards over and under; that the exterior of the building shall be constructed generally of face brick or architectural terra cotta, as indicated; that signs shall be restricted solely to the signs on the plate glass windows, excluding all roof signs and temporary signs of every nature; that this variation is granted

only so long as the building is used for stores, excluding meat markets, poultry and fish markets and delicatessens and similar occupancies deemed hazardous and objectionable by the administrative official; that the proposed building shall not exceed one-story in height, as shown; that exits to the cellar by means of hinged iron doors shall be located exclusively on the Grand Concourse frontage; that there shall be no display of merchandise of any kind beyond the building line of the property; that there shall be no openings in the building wall to the east or south, opening upon abutting properties; that all plans shall be filed with and approved by the commissioner of buildings within six months and all work completed within one year from the date of this action.

431-31-BZ.

APPLICANT—Anna Segall, present owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to calendar March 26, 1935).

PREMISES AFFECTED—2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road, and 3432-3436 Nostrand Avenue (Block No. 7362, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: Charles Santamaria, Guiseppina Scagleone and Lorenzo Scagleone.

ACTION OF BOARD—Application denied.

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(431-31-BZ)

WHEREAS, this application affecting premises 2902-2924 Avenue U, southwest corner of Nostrand Avenue, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand Avenue (Block No. 7362, Lot No. 1), Borough of Brooklyn, was filed September 2, 1931, to permit in a business use district the erection and maintenance of a gasoline service station and withdrawn February 5, 1932, after an inspection had been made of these premises by a committee of the board; and

WHEREAS, Anna Segall, present owner, filed March 26, 1935, an application for reopening the case and the case was reopened by vote of the board March 26, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 2nd, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Avenue U, Neck road and Nostrand Avenue are all in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 28, 1935, re App. No. 845-1935, reads:

"Proposed gasoline service station and brake testing to be located in a business use district are contrary to article II, section 4a of zone resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 122 feet on East 29th street, 210 feet on Avenue U and 39 feet 9 inches on Nostrand Avenue, upon which it is proposed to erect (along the East 29th street front) a one story structure, 30 feet by 122 feet in area to be used for lubritorium, auto laundry and brake testing; to erect upon the central portion of the plot a one-story office and accessory structure and also the necessary tanks and pumps for a gasoline service station; and

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WHEREAS, these premises were the subject of an inspection by a committee of the board, which inspection was made on June 20, 1935, and report read at this hearing and which report follows:

REPORT OF COMMITTEE.

June 29, 1935.

Cal. No. 431-31-BZ.

Premises, 2902-2924 Avenue U, 2101-2115 East 29th street, 2901-2903 Neck road and 3432-3436 Nostrand avenue (Block No. 7362 Lot No. 1), Brooklyn.

The premises consist of a large plot on the South-erly side of Avenue U, between Nostrand avenue and East 29th street, and bounded on the South by Neck road.

At a previous public hearing on January 29th, 1932, the application for a gasoline station under section 21, was laid over for inspection and report, and when, on February 5, 1932, the report of committee was read recommending denial, the application was withdrawn.

It appeared that the Dime Savings Bank had fore-closed the owner who made the application. Now there is a new owner Anna Segall who has held title for a few months only. Such a recent purchase indicates that the property was acquired with full knowledge that it was zoned against a gasoline station. The property is vacant and the present conditions are as set forth in the previous report of the committee of inspection, and this committee concurs in the findings of the com-mittee at that time. Like many sections of the city, there is considerable vacant land in this area which is in the process of development temporarily arrested. Ad-ditional gasoline stations are not needed. There are already three within 500 feet, all established before the prohibitive amendment of 1925.

The conditions here are not similar to those that existed in the St. Albans case. Farm land still exists to the south of this property, but the farming con-sists largely of nurseries. This plot under appeal, while vacant, is capable of development being surround-ed by four thoroughfares, two of which, Avenue U and Nostrand avenue, are well travelled, and the trolley line on Nostrand avenue furnishes transportation. Nos-trand avenue has recently been paved and the street car tracks relaid. The application has been amend'd to include section 7, subdivision F, also as a basis of this appeal. In the opinion of the committee, this plot is not within an undeveloped area within the meaning of this section; but, even if it could be so considered, the gasoline station should not be permitted to estab-lish even temporarily this nonconforming use in this growing area to the West of Nostrand avenue where no nonconforming uses now exist. All but two of the 21 objections filed are from owners in that part of the area.

The committee which inspected this plot and the sur-rounding area recommends that the application be denied both under section 21 and section 7, subdivision F.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM.

Committee of Inspection.

and

WHEREAS, this report recommended the denial of this ap-plication and the board deemed that applicant had fail'd to substantiate his basis of appeal under section 21 or section 7f of the building zone resolution, and was, therefore not entitled to relief.

Resolved, that the decision of the commissioner of build-ings be and it hereby is *affirmed*, and that the applica-tion be and it hereby is *denied*.

556-26-BZ.

APPLICANT—John F. Meehan for Avonzel Realty Co., owner.

SUBJECT—Application (decision of the commissioner of buildings) under section 21 of the building zone resolution to permit in a business district the erec-tion and maintenance of a gasoline service station; a previous application on these premises to permit the erection and maintenance of more than five (5) individual garages was denied by the board (laid over for a full vote of the board October 30, 1934; restored to calendar June 18, 1935).

PREMISES AFFECTED—501 West 180th street and 2418 Amsterdam avenue, northwest corner (Block No. 2152, part of Lot Nos. 82, 83, 84 and 85), Borough of Manhattan.

APPEARANCES—

For Applicant: John F. Meehan.

For Opposition: L. C. Squire.

ACTION OF BOARD—Application granted on condition. THE VOTE TO GRANT FOR FIVE YEARS:

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE VOTE TO RECONSIDER PREVIOUS ACTION:

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO GRANT ON CONDITION:

Affirmative: Commissioners Savage and Blum

and Assistant Chief Kidney 3

Negative: Chairman Murdock 1

Absent 0

THE RESOLUTION—

(556--26-BZ)

WHEREAS, this application affecting premises 501 West 180th street and 2418 Amsterdam avenue, northwest corner (Block No. 2152, part of Lot Nos. 82, 83, 84 and 85), Borough of Manhattan to permit in a business district the erection and maintenance of a gasoline service station; and more than five (5) individual garages was denied by the board December 21, 1926, and

WHEREAS, John F. Meehan for the Avonzel Realty Co., present owner requested a reopening of this case to permit only the erection and maintenance of the gasoline service station and the case was reopened by vote of the board June 19, 1934; and

WHEREAS, a public hearing was held on this applica-tion by the Board of Standards and Appeals, at its regu-lar meeting, July 2nd, 1935, after due notice by publica-tion in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the build-ing zone resolution show that Amsterdam avenue is in busi-ness and residence districts; Audubon avenue is in a busi-ness district; West 180th street is in a residence district, and West 181st street is in a business ditrict; and

WHEREAS, the decision of the commissioner of buildings, rendered June 12, 1934, re N. B. App., No. 60-1934, reads:

"1. Gasoline selling station within a business use district is contrary to Art II, Section 4a, Subdivision 46, Building Zone Resolution.";

and

WHEREAS, the premises consist of a plot of ground hav-ing a frontage of 100 feet on Amsterdam avenue and 50 feet on West 180th street upon which it is proposed to erect a one-story structure 50 feet by 20 feet in area to be used as office, auto laundry and greasing room; also pro-

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poses to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the board denied this application for a temporary period of five years and reopened the application for consideration for a permanent variation under Section 21; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution, on the grounds unnecessary hardship and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21, permitting the plot under appeal to be used for a gasoline service station, *on condition* that complete plans shall be submitted for approval within three months from the date of this action, and that after such submission the board shall impose such conditions as may seem desirable and necessary.

130-33-BZ.

APPLICANT—Edgar J. Moeller, for H. Herrmann & Sons, owners.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—401 East 60th street and 1102-1106 First avenue, northeast corner (Block No. 1455, Lot Nos. 1, 2, and 3), Manhattan.

APPEARANCES—

For Applicant: Edgar J. Moeller.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(130-33-BZ)

WHEREAS, this application affecting premises 401 East 60th street and 1102-1106 First avenue, northeast corner (Block No. 1455, Lot Nos. 1, 2 and 3), Borough of Manhattan, was granted by the board July 5, 1933, on certain conditions and amended January 22, 1935, and applicant requests an extension of time.

Resolved, that the resolution adopted by the board on January 22, 1935, be and it hereby is *amended*, only so far as it has reference to completing work, so that as amended this portion of the resolution will read:

"that in view of the statement made by applicant that plans have been filed and approved, all work shall be completed within one year from the date of this amended resolution; that other than as amended herein the resolution adopted January 22, 1935, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS

162-35-A.

APPELLANT—John M. Baker, for The Van Iderstine Co., owner.

SUBJECT—Appeal from decisions of the fire commissioner and the commissioner of buildings.

PREMISES AFFECTED—37-59 Railroad avenue, west side, 440 feet south of Greenpoint avenue (Block No. 312, Lot Nos. 263, 267 and 273), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: John M. Baker, Arthur Hayes and B. W. Strachan.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Laid over to July 16, 1935, at 2 p. m., pending report from the board of hazardous trades, fire department.

363-31-A.

APPELLANT—Jacob Carr, attorney, for Legrand Bleach Corporation, owner.

SUBJECT—Application for reopening and restoration to the Calendar—reconsideration by Order of the Court—re Appeal from an order of the fire commissioner.

PREMISES AFFECTED—111-17 49th street (Block No. 771, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: Jacob Carr.

ACTION OF BOARD—Appeal reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

88-33-A.

APPELLANT—Eugene H. Carroll, lessee.

SUBJECT—Request for reopening—re amendment—Appeal from decision of the fire commissioner.

PREMISES AFFECTED—Northside of Second avenue, 2,311.7 feet north from the corner of 2nd avenue and 36th street (Block No. 662, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: Eugene H. Carroll.

ACTION OF BOARD—Request to reopen, withdrawn.

THE VOTE TO WITHDRAW REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

187-35-A.

APPELLANT—L. E. Driver, for the New York Dock Company, owner.

SUBJECT—An appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Pier No. 38, Clinton Wharf—Atlantic Basin, Brooklyn.

APPEARANCES—

For Appellant: L. E. Driver.

ACTION OF BOARD—Appeal accepted and set for hearing July 9, 1935, at 2 p. m.

THE VOTE TO ACCEPT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

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41-35-A.

APPELLANT—Choate, Larocque & Mitchell, for Nathaniel H. Lyons and Stella Ghelardi, neighboring property owners against Ginzco Realty Corporation, owner of premises affected.

SUBJECT—Appeal from a decision of the board of buildings refusing to revoke a prior action of the board of buildings and from a decision of the commissioner of buildings, dated January 19, 1935, approving plans.

PREMISES AFFECTED—313 315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Manhattan.

APPEARANCES—

For Appellant: Samuel Rosenblum.

For Owner of Premises: J. Sidney Bernstein and Max Siegel.

For Administration: Samuel Becker, of board of buildings.

ACTION OF BOARD—Request to revoke action of board of buildings and decision of department of buildings denied.

THE VOTE TO GRANT REQUEST TO REVOKE ACTION OF BOARD OF BUILDINGS AND DECISION OF BUILDING DEPARTMENT—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(41-35-A)

WHEREAS, Choate, Larocque & Mitchell, for Stella J. Ghelardi and Nathaniel H. Lyons (neighboring property owners), against the Ginzco Realty Corp., owner, filed February 15, 1935, an appeal from the decision of the board of buildings, refusing to reverse a resolution adopted December 20, 1934, by the board of buildings, and from a decision of the commissioner of buildings, dated January 19, 1935, approving plans, affecting premises 313-315 Bowery and 5-7 Extra place (Block No. 457, Lot Nos. 5, 6, 49 and 50), Borough of Manhattan; and

WHEREAS, the decision of the board of buildings, dated February 4, 1935, reads:

"Your request for a reversal of decision rendered by the board of buildings on December 20, 1934, in relation to appeal, Case No. A-239/34 on the above premises was, as you know, discussed by the board at the last regular meeting on January 31st, 1935.

"You are hereby notified that the board of buildings reaffirms its decision in relation to the interpretation of the building code and the multiple dwelling law as contained in resolution adopted December 20, 1934.";

and

WHEREAS, the resolution of the board of buildings, dated December 20, 1934, reads:

A-239-34.

APPEAL FROM ADMINISTRATIVE ORDER
APPELLANT—Messrs. Scacchetti & Siegel, 1860 Broadway, New York City.

SUBJECT—Appeal from order and decision of the commissioner of buildings, department of buildings, Borough of Manhattan.

PREMISES AFFECTED—313-315 Bowery (5-7 Extra place), Manhattan. Alt. No. 3111/34.

APPEARANCES—Mr. Max Siegel.

ACTION OF THE BOARD—Appeal granted.

THE VOTE TO GRANT—

Affirmative: Chairman Keller, Commissioners Langworthy, Thatcher and Fassler; Mr. Fitzpatrick, representing Commissioner Reville 5

Negative 0

THE RESOLUTION—

WHEREAS, on December 19th, 1934, Mr. Max Siegel, acting for Scacchetti & Siegel, architects acting for the owners, filed an application with the board of buildings for the review of an action of the department of buildings, Borough of Manhattan, for a proper interpretation and application of the building code and the multiple dwelling law, under the provisions of sections 406 and 411 of Chapter 764 of the Laws of 1933; and

WHEREAS, on December 4, 1934, Alteration Application No. 3111/1934, on the above premises was filed; and

WHEREAS, under this Alteration Application it is proposed to convert four existing old law tenements to Class B lodging house, under the provisions of section 8 of the multiple dwelling law; and

WHEREAS, the plans filed with said application were examined and disapproved with the following objections on December 12th, 1934:

"1. Building is over 40 ft. in height and should be fireproof, section 72c, building code.

"2. Building should be subdivided into areas of less than 2,500 sq. ft. in area or be made fireproof, section 72c, building code.

"3. Provide a yard or court as required by section 26-3f or 3g M.D.L.

"5. First tier of beams should be more fireproof, section 143, M.D.L.

"7. Show how compliance with section 144-2 M.D.L. is obtained with reference to number of stairs and additional width.

"8. Exit from each floor must be as prescribed in section 146 M.D.L. Provide public hall or vestibule with fireproof walls and doors.

"11. Provide window to light each stair at each floor of the minimum dimensions given in section 148 M.D.L. These windows must open on a lawful street, yard or court.

"12. Public hall must be built to conform to section 149 M.D.L.

"21. Arrangement of rooms is not in accordance with section 29 M.D.L. in that no inner or outer court intervenes at a distance less than 30 feet from either street.";

and
WHEREAS, the buildings in question are existing old law tenements, being 72 ft. in height (6 stories) of ordinary construction; and

WHEREAS, plans filed with Alt. App. No. 3111/34 indicate that the two upper stories are to be removed, so that when said stories are removed the building is to be 46 ft. 6 in. in height from the curb level to the highest point of the roof beams; and

WHEREAS, subdivision 2 of section 8 of the multiple dwelling law as amended by chapter 210 of the laws of 1933, reads in part as follows:

"2. Any old law tenement house, not more than forty feet in height, exceeding twenty-five hundred square feet in area may be hereafter converted to a class B multiple dwelling having more than fifteen sleeping rooms, . . ."; and

WHEREAS, section 72, subdivisions 1c and e reads in part as follows:

"When buildings are required to be fireproof.

"1. New buildings. Every building hereafter erected shall be a fireproof building, as follows:

"c. Every residence building, except tenements, over 40 feet in height and having more than 15 sleeping rooms;

"e. Every residence building having more than 15 sleeping rooms and exceeding 2,500 square feet in area, unless divided by interior partition walls of approved masonry or reinforced concrete into sections of less than 2,500 square feet area."; and

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WHEREAS, plans filed with Alt. App. No. 3111/34 indicate that the lodging house is arranged to be occupied by a single dormitory on each of the 2nd, 3rd and 4th floors, without sub-dividing partitions or rooms; and

WHEREAS, the height of the building is being reduced from six to four stories; and

WHEREAS, section 141 of the multiple dwelling law reads in part as follows:

"Every multiple dwelling hereafter erected not exceeding seventy-five feet or six stories in height may be of non-fireproof construction, . . ."; and

WHEREAS, under the provisions of the multiple dwelling law a building of this type is not required to be of fireproof construction, it is therefore the consensus of opinion of the board that there is no basis for objections No. 1 and No. 2 and same are not applicable; and

WHEREAS, subdivision 2 of section 8 of the multiple dwelling law reads in part as follows:

"In old law tenement houses converted under the requirements of this section the dimensions of yards, courts, shafts and rooms as they lawfully existed on April eighteenth, nineteen hundred and twenty-nine, shall not be required to be altered," it is the consensus of opinion of the board that there is no basis for objection No. 3 and same is not applicable, in view of the fact that the plans on file with Alt. Application No. 3111-34 indicate full compliance with the provisions of sections 8 and 26 of the multiple dwelling law; and

WHEREAS, subdivision 2 of section 8 of the multiple dwelling law reads in part as follows:

". . . Nor shall the first tier of beams be required to be fireproof if the under side thereof is fire-retarded to the satisfaction of the department charged with the enforcement of this charter, . . ." it is the consensus of opinion of the board that there is no basis for objection No. 5 and same is not applicable; and

WHEREAS, subdivisions 1 and 2 of section 144 of the multiple dwelling law reads in part as follows:

"1. Except in buildings not exceeding two stories in height, every non-fireproof multiple dwelling hereafter erected shall have at least two means of egress extending from the ground floor to the roof. . . ."

"2. If the number of living rooms in such non-fireproof multiple dwellings on any floor or in any section of such floor, above the entrance floor exceeds twenty, there shall be an additional stair for each twenty rooms or fraction thereof on any such floor or section thereof, in excess of twenty, except that if the number of living rooms on any such floor or section thereof, above the entrance floor does not exceed thirty rooms, in lieu of an additional stair, one stair and every public hall and entrance hall connected therewith may be four feet and six inches in clear width, . . ." it is the consensus of opinion of the board that there is no basis for objection No. 7 and same is not applicable; and

WHEREAS, section 1466 of the multiple dwelling law reads in part as follows:

"In every non-fireproof multiple dwelling hereafter erected there shall be at least two exits from every apartment or suite of rooms. Such exits shall be remote from each other. . . ."; and

WHEREAS, the proposed lodging house is arranged to be occupied by a single open dormitory (no sub-dividing partitions or cubicles) on each story above the entrance story, it is the consensus of opinion of the board that there is no basis for objection No. 8 and same is not applicable; and

WHEREAS, plans filed with Alt. Application No. 3111/34 indicate that one stair is to be lighted and ventilated in accordance with section 148 of the multiple dwelling law; and

WHEREAS, section 144, subdivision 1 of the multiple dwelling law reads in part as follows:

"One of such means of egress shall be a stair constructed and arranged as provided in section one hundred and forty-eight of this chapter. The other means of egress may be a fire-stair or fire-tower constructed and arranged as provided in subdivision two in section one hundred and two of this chapter, or a fire escape constructed and arranged as provided in section one hundred and forty-five of this chapter. . . .", it is the consensus of opinion of the board that there is no basis for objection No. 11 and same is not applicable and that full compliance with the law is shown on plans filed with Alt. No. 3111/34; and

WHEREAS, subdivision 2 of section 8 of the multiple dwelling law reads in part as follows:

". . . but unless such multiple dwelling is divided by interior partition walls of approved masonry or reinforced concrete in which all openings are protected with approved automatic fire doors into sections of less than twenty-five hundred square feet in area, such multiple dwelling shall have all partitions enclosing the stairs and public halls fire retarded and all doors opening upon such stairs and public halls shall be fireproof and self-closing. . . ."; and

WHEREAS, plans filed with Alt. Application No. 3111/34 indicate that both stairs are of fireproof construction, enclosed with fireproof material and all openings therefrom provided with fireproof, self-closing, one hour doors, it is the consensus of opinion of the board that section 8 is fully complied with and that there is no basis for objection No. 12 and same is not applicable; and

WHEREAS, Section 29 of the multiple dwelling law reads in part as follows:

"Except as in this chapter otherwise expressly provided, in any multiple dwelling hereafter erected every room, including kitchens, water-closet compartments and bathrooms shall have at least one window opening directly upon the street or upon a yard, court, or a space above a set-back, of the dimensions specified in section twenty-six of this chapter, which said yard, court or space above a set-back shall be upon the same lot as that occupied by the multiple dwelling in which such room is situated. Such window shall be located as to properly light all portions of such room. In addition to the above requirement, in every multiple dwelling hereafter erected, no room in any apartment of three rooms or less shall extend in depth from the street or yard, as the case may be, for a greater distance than thirty feet without the intervention of an inner or outer court of the dimensions prescribed in section twenty-six of this chapter, and no room in any non-fireproof apartment shall extend in such depth for a greater distance than thirty feet without the intervention of such inner or outer court. . . .", and therefore it is the consensus of opinion of the board that there is no basis for objection No. 21 and same is not applicable; this in view of the fact that the lodging house is to be arranged for a single dormitory on each of the 2nd, 3rd, and 4th floors without sub-dividing partitions or cubicles, and the area of the windows for the dormitories on each single floor are at least 1/10th the superficial area of the floor, exclusive of the lot line windows which are being provided and which are supplementary; and

WHEREAS, the appellant is to comply with all the other objections raised by the commissioner of buildings, department of buildings, Borough of Manhattan, as recorded on December 12th, 1934; and

WHEREAS, section 12 of the multiple dwelling law reads as follows:

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"All the requirements of this chapter shall apply to all kinds and classes of multiple dwellings, except that where provisions apply specifically to one or more classes or kinds of dwellings, such provisions shall apply only to those classes or kinds to which such specific reference is made; and to the extent that such provisions are inconsistent with requirements which would in the absence of such provisions control, such requirements shall not be deemed applicable."; and

WHEREAS, it is the opinion of the board that there are practical difficulties in the way of carrying out the strict letter of the law and an equally good and more desirable form of construction is used, the spirit of the law is observed, public safety secured and substantial justice done by the granting of this appeal in relation to the interpretation and application of certain provisions of both the building code and the multiple dwelling law.

Resolved, that the order and decision of the commissioner of buildings, department of buildings, Borough of Manhattan, be and it hereby is modified and the appeal be and hereby is granted.";

and

WHEREAS, the premises consist of a lot having 51 feet 4 inch frontage on the Bowery and extending 163 feet 3½ inches through the block to a frontage of 49 feet 6 inches on Extra place upon which is erected four attached non-fireproof 6 story old law class A multiple dwellings, located within an unrestricted district; and

WHEREAS, the appellant claims that Alt. Application No. 3111 filed December 4, 1934, in the building department proposed to alter the four old law tenements by demolishing the two uppermost stories, also the entire front brick wall facing Extra place, remove all party walls, rear walls and interior partitions down to the first story, construct a new brick wall facing Extra place and set 27 feet back from the street line so as to provide space for a yard, construct an interior court 12 feet by 24 feet on the northerly side line, erect new brick enclosure walls, construct floors at new levels and use the finished building as a lodging house, sleeping accommodations for 110 persons in one large open dormitory on each of the 2d, 3rd and 4th stories, the scope of the above proposed work is not an alteration but it is a new structure and should conform with all the requirements of laws affecting buildings hereafter erected; if the proposed work was only an alteration, section 8 of the multiple dwelling law would not be applicable from the fact that the proposed finished building exceeds 40 feet in height; furthermore, each floor area exceeds 2500 square feet with sleeping accommodations for 330 persons, consequently the building should be fireproof under section 72 subdivision (c-e) of the building code; the commissioner of buildings disapproved the proposed alteration December 12, 1934 with 21 objections, citing specific sections wherein the proposed alterations were in violation of the building code and the multiple dwelling law; an appeal was filed December 19, 1934 with the board of buildings against the objections, this appeal was granted under resolution adopted December 20, 1934 by the board of buildings, and the commissioner of buildings then approved the proposed alteration January 19, 1935; furthermore, the appellant contends that such action by the board of buildings modified and waived the provisions of the building code and the multiple dwelling law; that the board exceeded its authority in that there were no practical difficulties which permitted the board to waive the provisions of the building code and under section 9 of the multiple dwelling law the board was without authority to waive the provision of the multiple dwelling law; that the resolution of the board of buildings adopted December 20, 1934, and also the approval of the commissioner of buildings of January 19, 1935, affecting the premises in question should be reversed and made of no further force and effect;

WHEREAS these premises were the subject of an inspection by a committee of the board report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE

June 27, 1935.

Cal. No. 41-35-A

Premises—313-315 Bowery,
5-7 Extra Place, Manhattan.

This is an appeal from the decision of the board of buildings, dated December 24, 1934, and reaffirmed February 14, 1935, in approving plans as in conformity with the building code, zoning resolution and multiple dwelling law. This appeal was amended to include the decision of the commissioner of buildings of January 19, 1935, carrying out the decision of the board of buildings. While the Board of Standards and Appeals has not passed on the admissibility of this amendment, it appears unnecessary in view of the decision of the court in *Ginzco Realty Corporation vs. the Board of Standards and Appeals* that decisions of the board of buildings are reviewable by the Board of Standards and Appeals.

The application relates to a proposed alteration and conversion of a building fronting on the Bowery and abutting on the rear on an open space known as Extra place which extends from East First street partially through the block for a length of approximately 150 feet. The existing structure covers the entire lot approximately 50 feet by 160 feet. The entire ground floor, at different times in the history of the building, was occupied as a single store and recently as two stores running from front to rear. The structure carries above the second tier of beams four separate units, each of which is now vacant but formerly was occupied for residential purposes. Each of these units extends five stories above the second tier of beams.

It is proposed to remove the two upper floors of each of these units and to remove all interior partitions in the remaining floors above the second tier of beams and combine the floor area of all the units into open and unobstructed floor areas to be occupied for dormitory purposes. It is further proposed to provide a yard or open area along the rear lot line beginning at the level of the second tier of beams and extending in depth from the rear lot line 27 feet, and, in addition, to provide a side court on the northerly side lot line 12 feet in width and 24 feet in depth, beginning at the second tier of beams. The two new stairways, toilets and required area of window ventilation are proposed to be provided. This alteration is subject to section 8, subdivision 1, which provides for the alteration of a dwelling from one class to another. The present use is as a Class A, the proposed Class B. The multiple dwelling law is silent on the requirements for a dormitory consisting of one room to a floor, and section 9, application of local regulations, applies. Section 72 of the building code has no application as this is not a new building but a permitted alteration under the definition adopted in 1915. It is the opinion of the committee that the proposed plan is lawful under section 8 of the multiple dwelling law, the building zone resolution and section 72 of the building code.

(Signed) HARRIS H. MURDOCK, Chairman,
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee.

and

WHEREAS, this matter was presented at great length at public hearing, after which both sides submitted additional briefs, which were carefully considered together with the arguments presented at hearing, and

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WHEREAS, the report of the committee recommended that the appeal be denied; and

WHEREAS the board deemed that the proposed change of occupancy and alterations proposed were lawful as stated by the committee.

Resolved, that the appeal to reverse the decision of the commissioner of buildings and the board of buildings be and it hereby is *denied*.

153-35-A.

APPELLANT—Samuel Rosenblum, for Midcity Realty Corporation, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—335-341 Canal street, northwest corner of Greene street (Block No. 229, Lot Nos. 1 and 2), Manhattan.

APPEARANCES—

For Appellant: Samuel Rosenblum.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(153-35-A)

WHEREAS, Samuel Rosenblum, for Midcity Realty Corporation, owner, filed June 12, 1935, an appeal from an order and decision of the commissioner of buildings, affecting premises 335-341 Canal street, northwest corner Greene street (Block No. 229, Lot Nos. 1 and 2), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated April 30, 1935 (Order No. 21339-F), reads:

"1. Install approved standpipe system in accordance with the rules of the Board of Standards and Appeals, Sec. 580-1, Art. 28, Chapter 5, Code of Ordinances."; and

WHEREAS, the decision of the commissioner of buildings, rendered June 7, 1935, reads::

"In reply to your request for reconsideration on Order 21339-F which requires a standpipe system to be installed in the above premises, you are advised that as the area of building exceeds 10,000 sq. ft., your request must be denied."; and

and

WHEREAS, the building is non-fireproof, 5 stories (79 ft.) in height, 65 ft., 6¾ in. by 712 ft., 3½ in., irregular, in area; OCCUPIED: Cellar—storage, 3 persons; 1st story—stores, 6 persons; 2nd story—upholstering, 4 persons proposed; 3rd story—card indexing, stamping and printing, 31 persons proposed; 4th story—storage of paper and printing, 55 persons proposed; 5th story—storage of paper, 1 person; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1878, no Certificate of Occupancy has been issued; the total inside floor area of each of the 1st and 2nd story is 10,632 sq. ft. and each of the 3rd, 4th and 5th story floor area is 10,382 sq. ft.; furthermore, the 1st story is subdivided into stores, each of which has a floor area of less than 10,000 sq. ft.; the applicant contends the building was erected long before standpipe systems were required; the building is equipped throughout with a two-source, automatic sprinkler system; the floor area of the building is only slightly in excess of the area where a standpipe system would not be required; the occupancy of the building is light and the building is provided with four means of exits from each story.

Resolved, that the order of the commissioner of buildings, No. 21339-F be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, waiving the requirements for standpipe system, *on condition* that the sprinkler system shall be maintained in accordance with the Rules of the Board of Standards and Appeals; that the Central District Alarm shall be maintained and that the building and occupancy shall comply with the requirements of the Labor Law and all other requirements applicable thereto, and that the requirements of the board in connection with Cal. No. 301-27-A shall be complied with to the satisfaction of the Administrative Official having jurisdiction, and *granted* only so long as the use and occupancy, remains substantially unchanged and also that the building shall not be increased in height or area.

174-35-A.

APPELLANT—Gilbert & Barker Mfg. Co., for Weingin Amusement Corporation, lessee.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—273-277 Brighton Beach avenue (Block No. 7284, Lot No. 1131), Brooklyn.

APPEARANCES—

For Appellant: R. H. Syner, H. Voegeler and Harold Jersey.

For Administration: Inspector Charles Johnson, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(174-35-A)

WHEREAS, Gilbert & Barker Mfg. Co., for Weingin Amusement Corporation, lessee, filed June 25, 1935, an appeal from an order of the commissioner of buildings, affecting premises 273-275 Brighton Beach avenue (Block No. 7284, Lot No. 1131), Borough of Brooklyn; and

WHEREAS, the order of the commissioner of buildings, dated May 24, 1935 (Order No. 6024-LF), reads:

"You are hereby ordered and required, within five (5) days from the date of the service of this order, to:

"1. Discontinue the use of the fuel oil system on the above premises or comply with the following:

"Arrange for inspection and test of tank, piping and fuel oil system. Said inspection and test must be conducted in the presence of an inspector of this department.

"2. File plans and applications for installation of oil burning system, Section 3, Chapter 5, Code of Ordinances.

"3. Construct enclosure fireproof partition of not less than four (4) inches in thickness around heating apparatus, with all openings to same protected by self-closing fireproof doors. Section 20, Chapter 12, Code of Ordinances.

"4. Provide fixed ventilation from the boiler room to the outer air, equivalent to the area of the flue and in no case less than sixty-four (64) square inches.

"5. Provide an emergency remote control, whereby the flow of oil to any burner can be stopped, and such control shall be located outside the entrance to the room in which the burner is located, and as close to such entrance as practical.

"6. You are required to submit Certificate of Workman's Compensation Insurance to this department for approval at once, as per Section 57 of the Labor Law, and Chapter 764, Section 407, of the Charter of the City of New York.

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"As per Section 390, Sub-division 2, Article 19, Chapter 5, Code of Ordinances";

and

WHEREAS, the building is non-fireproof, one story in height, 40 ft. by 100 ft. in area; OCCUPIED as a motion picture theatre and stores, located within a business district; and

WHEREAS, the applicant claims that a complete fuel oil burning equipment was installed in the cellar about March 22, 1935, under App. No. 1069-1935, approved by the fire commissioner, and in full compliance with the Oil Burner Rules, test and inspection having been made and Permit No. 9408-1935, issued by the fire commissioner; the installation consists of a 275-gallon storage tank erected above the floor level and a Gilbert & Barker fuel oil burner approved by the board under Cal. No. 109-31-SA; furthermore, the appellant contends that under Court Decision of November 14th, 1934, by Mr. Justice Furman, affirmed May 14th, 1935, by the Appellate Division, sole jurisdiction was given to the fire commissioner to make inspections on such oil burner installations in existing buildings where no structural alterations are involved; in view of the court decision, it is requested that the order of the commissioner of buildings be voided in this particular case.

Resolved, that the order of the commissioner of buildings, No. 6024-LF, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, inasmuch as the oil burner system has been duly approved by the fire commissioner after finding that the installation complies with the Oil Burner Rules of the Board of Standards and Appeals and a permit to operate has been issued by him, and in view of the statement by the applicant that no structural alterations were involved, none being referred to on the order of the commissioner of buildings.

92-35-A.

APPELLANT—Julius Eckmann, for Estate of John W. Chanler, owner.

SUBJECT—Application for reopening—re amendment—Appeal from an order and decision of the commissioner of buildings.

PREMISES AFFECTED—349-353 5th avenue, 2 East 34th street, southeast corner (Block No. 676, Lot No. 81), Manhattan.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(92-35-A)

WHEREAS, Julius Eckman, for Estate of John W. Chanler, owner, filed April 8, 1935, an appeal from an order and decision of the commissioner of buildings affecting premises 349-353 5th avenue, 2 East 34th street, southeast corner (Block No. 676, Lot No. 81), Borough of Manhattan; and

WHEREAS, the order of the building commissioner dated October 2, 1934, Order No. 16758-F, reads:

"1. Provide approved fireproof windows or iron shutters at all openings in the exterior wall above 1st story

which are distant in a direct line less than 30 feet from any opening in any other building and not in the same plane with said openings and which are not more than 50 feet above a neighboring roof at rear of building also east, west and south sides of interior court at south end of building, or other approved protection as per Sec. 375, Art. 18, Ch. 5, of the Code of Ordinances."; and

and

WHEREAS, the decision of the commissioner of buildings, dated March 21, 1935, reads:

"Replying to your communication of the 11th, inst., you are advised that the records of this office indicate that the windows in question are within thirty feet of openings in the other buildings.

"Therefore, no modification may be granted even if the windows in adjoining premises are fireproof."; and

and

WHEREAS, the building is fireproof, 8 stories in height, 59 feet 3 inches by 100 feet in area; OCCUPIED: 1st story, store; upper stories, offices; located within a retail district; and

WHEREAS, the applicant claims there are a total of 28 windows affected by the order which open on the southerly inner court (10 feet 6 inches by 17 feet 4 inches) at the 5th, 6th, 7th and 8th stories; the order was issued on account of a fireproof window being constructed in the wall on the lot line at each of the 5th, 6th, 7th and 8th stories of the adjoining building at south, such windows receive light and air from the inner court on the premises under appeal; the building under appeal was erected in 1903, the exposure building was erected later in 1906, the windows causing the exposure have been existing during the past 29 years without complaint; under such conditions the applicant contends that it would impose an undue hardship upon the owner if forced to comply with the order; furthermore, the exposure windows are fireproof, glazed with wire glass and open off a stair hall which in turn is entirely enclosed and separated from the rest of the building by fireproof partitions with fireproof self-closing doors at all openings and also contains a standpipe line, in consequence there is no existing fire hazard on the premises; and

WHEREAS, it appears after further inspection that the adjoining premises are not equipped with a sprinkler system; and

WHEREAS, this case was reopened by vote of the board July 2, 1935.

Resolved, that the order No. 16758-F, of the commissioner of buildings be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that the windows in the lot line wall to the east shall be made fireproof self-closing; that the windows in the southerly court, may remain so long as the windows opening on this court from the adjoining building to the south are fireproof, glazed with wire glass and *granted* only so long as the building is continued in its present occupancy and is not increased in height or area.

APPLIANCES SUBMITTED FOR APPROVAL

156-35-SA.

APPLICANT—The James F. Gillespie Co., owner.

SUBJECT—The Gillespie Shaft Door Switch, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board for test and report.

157-35-SA.

APPLICANT—Benjamin Watstone for Easyway, Inc., owner.

SUBJECT—Easyway Range Oil Burners, Models D27, DC27, G27, and NG27, approval of.

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APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

158-35-SA.

APPLICANT—Benjamin Wetstone, for Easyway, Inc., owner.

SUBJECT—Easyway Space Heaters, Models CRN17, CRL19, CSP27 and CSP19, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

159-35-SA.

APPLICANT—Benjamin Wetstone, for Easyway, Inc., owner.

SUBJECT—Easyway Water Heaters, Models HW1 and HW2, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

160-35-SA.

APPLICANT—Wm. V. McDevit, for Automatic Products Co., owner.

SUBJECT—Automatic Products Co. Constant Level Oil Burner Controls, Models 73B, 261 and Model 240, types (MAM), (MAE), (MAW), (BM), (U-nr), (P), (E) and (W-er 1), approval of.

APPEARANCES—

For Applicant: William V. McDevit.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

165-35-SA.

APPLICANT—Benjamin Wetstone, for Serv-Well Burner Corp., owner.

SUBJECT—Serv-Well Range Oil Burner, Models 27B and 27T, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

166-35-SA.

APPLICANT—Benjamin Wetstone, for Serv-Well Burner Corp., owner.

SUBJECT—Serv-Well Space Heater, Models 247T and 248, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

167-35-SA.

APPLICANT—Benjamin Wetstone, for Serv-Well Burner Corp., owner.

SUBJECT—Serv-Well Water Heater, Models 255A and 255B, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened, placed on endar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

298-33-SA.

APPLICANT—American Gas Machine Co., Inc., owner.

SUBJECT—American Blue Flame and Sun Flame Oil Burning Heaters, Application for reopening—reconsideration for approval of additional models.

APPEARANCES—

For Applicant: A. S. Jorgensen.

ACTION OF BOARD—Application reopened, placed on reserve calendar and referred to engineer of board and bureau of combustibles, fire department, for test and report.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

1279-25-SA.

APPLICANT—Teesdale Manufacturing Company.

SUBJECT—Teesdale Automatic Fuel Oil Booster Pump—application for reopening—amendment for approval of Models TUX, TUS, KP and P.

APPEARANCES—

For Applicant: F. E. Mundt.

ACTION OF BOARD—Application reopened, placed on reserve calendar and referred to engineer of board and bureau of combustibles, fire department, for test and report.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

62-33-SA.

APPLICANT—Florence Stove Company, owner.

SUBJECT—Florence Oil Heater—application for reopening—amendment for approval of Models CH-27, RH-7 and RH-9.

APPEARANCES—

For Applicant: Harvey Golden.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(62-33-SA)

WHEREAS, the Florence Stove Company, owner, filed February 16, 1933, a petition with the Board of Standards and Appeals for approval of the device known as the Florence Oil Heater, Model KC-9; and

WHEREAS, this device was approved by the board at its meeting April 17, 1934, on certain conditions; and

WHEREAS, applicant requested an amendment of the resolution to include the approval of Models GC-6, GC-7, GS-27 and CH-28; and

WHEREAS, these models were submitted to the engineer of the board and the bureau of combustible of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, ap-

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proved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

These heaters are of the Circulating Space Type, utilizing the same principles as those employed in the range burners which already have been approved by this department.

The Models GC-6 and GC-7 are equipped with a 2-gallon metal tank. The Model GS-27 has one 3-gallon tank and the Model CH-28 has two 3-gallon tanks. Each tank in this CH-28 has its own separate metering valves and one tank which is 1/16 of an inch higher than the other, thus insures that one tank will empty before the other starts to operate. All these burners are equipped with Metering Valves of the "V" Slot Type, manufactured by the Florence Stove Company. Automatic dampers are provided in the flue connection on each heater.

It is recommended that these models be approved when installed in accordance with the oil burner rules and in accordance with certain recommendations; and

WHEREAS, under date of June 7, 1935, applicant requested the approval of Models RH-7, RH-9 and CH-27 which were identical with Models GC-7, KC-9 and GS-27, except for outer casing.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-28, and RH-7, RH-9 and CH-27, for use in domestic and commercial installations when installed in accordance with the oil burner rules of the Board of Standards and Appeals and the following additional requirements:

"1. The shell of the burner shall be air-tight and that the valve shall be so adjusted that complete combustion will take place.

"2. The fuel control valve shall have a fixed stop attached thereto at a point at which complete combustion will be attained so as to prevent the valve being opened beyond that point.

"3. Storage container shall bear a label permanently affixed reading as follows:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

UNDER CAL.NO. 62-33-SA.

For Use in New York City

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

"4. Floor beneath the oil burning device shall be protected by a shield of at least 1/2-inch asbestos or other equivalent material extending at least 12 inches beyond the outline of such device.

"Only safety cans approved by the New York City Fire Department shall be used for the storage and filling of oil containers.

"6. This burner shall be connected to a legal chimney, in accordance with the requirements of section 403 of Chapter V of the code of ordinances, said chimney to have a readily accessible cleanout door; the flue from the device to the chimney shall be equipped with an automatic damper.

"7. That the fuel oil used with these devices shall be range oil or No. 1 or No. 2 fuel oil."

139-35-SA.

PETITIONER—Super Oil Heat Company, for Syncro-Flame Burner Company, owner.

SUBJECT—Syncro-Flame Oil Burner, Model R, approval of.

APPEARANCES—

For Petitioner: Morton Pannaman.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

TO VOTE TO APPROVE—

Affirmative Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(139-35-SA)

WHEREAS, Super Oil Heat Company, for Syncro-Flame Burner Corporation, owner, filed May 28, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Syncro-Flame Oil Burner, Model R; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the low-pressure, mechanical draft, gun type and consists of the following parts:

A Century one-sixth (1/6) horse power motor; a Syncro-Flame 6-Blade rotary pump and a Webster transformer; a Sirocco type fan and a Syncro-Flame nozzle. Ignition, electric continuous. Controls, in this installation the burner was equipped with a united flame control manufactured by the United Electric Company and a Minneapolis Honeywell Aquestat, type L-415. However, the burner is so designed that any of the standard controls may be used, according to the requirements of the specific installation.

This burner employs low-pressure air of about two (2) pounds per square inch for atomizing the oil. This air under pressure is supplied by the compressor or pump which is attached directly on the motor shaft. The primary air is admitted from a special fitting with a small orifice which is located in the highest point in the fuel oil supply line from the tank when the burner is not running as it simply flows back into the tank when the burner stops. The pump produces a vacuum on the inlet side sufficient to draw the oil from the tank irrespective of the size or location of the tank. The air and oil enter together through the float valve into the float chamber until the level raises sufficiently so that the float closes the valve and also breaks the vacuum within the float chamber. The meter valve found at the bottom of this chamber is adjusted to deliver the desired amount of oil to the pump and the air that has been admitted to the chamber passes along with the oil. Additional air is supplied through the motor housing to the pump so that there is sufficient air for atomizing the oil as it leaves the nozzle. At the tank there is provided a glass filter unit.

The burner was tested with both hot and cold combustion chambers and the flame control was set to shut the burner down when the flame was extinguished at the end of fifty (50) seconds. Several tests were made of the controls both with and without fire and they operated as designed.

During the period of the tests there were no flare-backs due to faulty ignition and the flame was clear and free from smoke and soot. Examination of the combustion chamber showed that there were no undue carbon deposits.

The burner was tested with both hot and cold combustion chambers and the flame control was set to shut the burner down when the flame was extinguished at the end of fifty (50) seconds. Several tests were made of the controls both with and without fire and they operated as designed.

MINUTES

This burner has a capacity up to two and one-half (2½) gallons an hour and may be used for burning fuel oils of commercial grades 1, 2, 3 and 4.

As a result of these tests it is recommended that the Syncro-Flame Oil Burner, Model R, be approved for domestic, commercial and industrial use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15th, 1934, for oil not heavier than No. 4.

Resolved, that the Board of Standards and Appeals does hereby *approve* the Syncro Flame Oil Burner, Model R, when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals on June

15th, 1934, and when used with fuel oil not heavier than No. 3 for domestic use, and not heavier than No. 4 for commercial and industrial use, *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 139-35-SA.

Adjourned, 4:40 p. m.

EDWARD V. BARTON, Chief Clerk.

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

RULES

SMOKING IN FACTORIES.

Adopted by the Board of Standards and Appeals,
August 12, 1918.

RULE 1. PERMIT.

(a) **Prohibition.** No person shall smoke, or carry a lighted cigar or cigarette in any factory as defined in Article 1, Section 2, of the State Labor Law, nor in any portion of a factory, within the City of New York, except in such protected portions or special classes of occupancies as are specified in Rule 2 of these rules, and then only after the issuance of a permit by the administrative official.

It shall be the joint and several duty of the owner and of the lessee or lessees of the building containing such factory or factories to cause to be posted in each and every entrance hall, stair hall or room throughout the building, as well as in every elevator-car, in English, and also in such other language or languages as the administrative official shall direct, a notice of such prohibition, and the penalty for its violation.

(b) **Application.** Application for such permit shall be made only by the owner of the building on suitable blank forms to be furnished by the administrative official.

(c) **Time Limit.** Such permit shall be for a definite period, not exceeding one year, and shall not be renewed upon expiration until a reinspection of the premises for which it is issued has been made for the purpose of determining whether existing conditions warrant a renewal.

(d) **Conditions.** The permit shall state the conditions under which, the hours between which, and the place or places in such factory where smoking may be permitted, and this permit shall be framed and kept posted in a conspicuous place in the factory.

(e) **Revocation.** Violation of any of the conditions specified in the permit, in addition to incurring such penalties as are prescribed by law, shall be full and sufficient cause for the revocation of such permit by the administrative official, and he shall not again issue a permit for the same premises until at least one year has elapsed.

RULE 2. PERMISSIBLE CASES.

Smoking may be permitted in:—

(a) Factories engaged in the manufacture of cigars, cigarettes, or smoking tobacco, when necessary for the efficient conduct of the business, provided that:

(1) No smoking other than that for sampling, testing and experimental purposes is carried on.

(2) Such smoking is conducted in a room provided especially for that purpose, separated from the rest of the building by fireproof or fire-resisting partitions, with all openings therein protected by self-closing fire doors, and, further, unless the building is of fireproof construction or equipped with an approved automatic sprinkler system, the floor and ceiling of such room shall be covered with fire-retarding material.

(3) Such chemical fire extinguishers as the administrative official may direct are installed.

(4) All waste paper and other inflammable waste materials are deposited in fireproof receptacles.

(b) Factories devoted entirely to one of the following occupancies:

Blacksmithing or horseshoeing;
Boiler making;
Brick, terra cotta or artificial stone works;
Forge shops;
Foundries;
Iron, steel, brass or copper works;
Machine shops;
Smelting;
Stone or monumental works;

provided that in any case:

(1) The building is not of wooden construction;

(2) Such chemical fire extinguishers as the administrative official may direct are installed;

(3) All waste paper and other inflammable waste materials are deposited in fireproof receptacles.

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, June, 25, 1935, as they appeared in the Bulletin No. 27, Vol. XX, are hereby corrected to read as follows:

103-35-BZ.

APPLICANT—Michael Levine, for Angelo Dell'Abate and Louis Piccola, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station

PREMISES AFFECTED—5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33), Brooklyn.

APPEARANCES—

For Applicant: Michael Levine.

For Opposition: Frank A. Kister, Morris Dolinsky, Henry A. Bruder.

ACTION OF BOARD—Application granted on condition.

THE VOTE:

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative: Assistant Chief Kidney	1
Absent	0

THE RESOLUTION—

(103-35-BZ)

WHEREAS, Michael Levine, for Angelo Dell'Abate and Louis Piccola, owners, filed April 17, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station: premises: 5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33) Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, June 25, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Utica avenue is in a business district; Flatlands avenue is in a business district; East 51st street is in a residence and business district and Avenue K is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered April 4, 1935, re application No. 3221-1935, reads.

"Application denied, proposed gasoline station in a business district is contrary to article 2, section 4, subdivision 46 of the zone resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 56 feet 1 inch on Utica avenue and 99 feet 7 inches on Flatlands avenue—upon which it is proposed to erect a one-story office and auto laundry structure, 38 feet by 20 feet in area, grease lifts and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the chairman stated that the board was familiar with the site under appeal, a committee of the board having inspected same prior to the hearing; and

* Correction—Vote corrected to read affirmative Chairman Murdock, Commissioners Savage and Blum 3
Negative: Assistant Chief Kidney 1
Absent 0

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

WHEREAS, the board deems that the applicant is entitled to temporary relief under section 21 of the building zone resolution and that a gasoline service station for a period of five years may be erected with such restrictions as the board deems will protect the adjoining affected property owners.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted under section 21 thereof for a period of five years from the date of this action, on condition that there shall be constructed on the interior lot line to the north a brick wall not less than 8 feet in height; that lot line walls may start at the height of four feet (4 ft.) at Utica avenue and be graduated at the rate of one foot in four to the 8-foot height; that the accessory building shall be erected toward the northerly side of the property, as indicated on plans filed with this appeal and shall not exceed one story in height; that the northerly walls of these accessory buildings may be incorporated as part of the lot line wall; that there shall be no windows in this wall opening upon abutting property; that there shall be no open grease lifts; that if greasing is to be done on the premises it shall be within an enclosed building having an open front; that the accessory buildings shall be made of fireproof materials throughout, except that the roof boarding, window frames and sash and door frames and doors may be made of wood, providing the ceiling throughout is fire-retarded in accordance with the rules of the Board of Standards and Appeals and that the roof weather surfacing is of non-inflammable material; that the exterior of the accessory buildings and walls shall be of face brick with stone or terra cotta trimmings; that the entire plot shall be graded substantially to the grade of Flatlands and Utica avenues and shall be cement paved or paved with tarvia or equivalent material; that no gasoline pumps shall be erected nearer than 12 feet from the building lines of Flatlands and Utica avenues; that there shall be erected along the building line of Utica avenue and Flatlands avenue a reinforced concrete curbing not less than 5 inches in height with rounded top and 12 inches in width with not over two openings to Utica avenue and two openings to Flatlands avenue, these openings not to exceed a combined width of 35 feet on each street and no part of any opening shall be nearer than 5 feet to the northerly interior lot line nor 5 feet from the corner formed by the intersection of Utica and Flatlands avenues; that advertising shall be limited to the illuminated globes of the gasoline pumps and to a flat sign erected against the wall of the accessory building, excluding all roof signs and all signs of a temporary nature, but permitting one post upright to be erected within the building line near the intersection of the two avenues, carrying an illuminated sign, which may overhang the building line not over 8 feet and advertising only the brand of gasoline for sale; that no automobile repairing shall be permitted on the premises and no portable gasoline tanks used on or from the property; that there shall be no open pits under the accessory buildings except for the greasing racks; that there shall be no parking of cars other than those being serviced; that there shall be no open flame permitted on the premises; that prior to filing with the commissioner of buildings, plans shall be filed with the chairman and approved by him as complying with these conditions; that all permits required shall be obtained within six months and all work involved completed within one year from the date of this action.

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

PUBLIC HEARING

PROPOSED AMENDMENT OF OIL BURNER RULES.

[217-21-SR]

NOTICE IS HEREBY GIVEN that a public hearing will be held by the Board of Standards and Appeals on Friday, July 12, 1935, at 2 P. M., Room 1013, Municipal Building, on Proposed Amendment of Oil Burner Rules. Matter in *italics* is new; matter in brackets [] old matter to be omitted.

OIL BURNER RULES

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals
June 15, 1934

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

Commercial Installations—Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

Controls—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

Domestic Installations—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections.

Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

Ground—An electrical conductor having capacity to absorb current.

Industrial Installations—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

PUBLIC HEARING

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp.	Gr.	(A.P.I.)	40-44°
No. 1	Fuel Oil	"	"	"	36-40°
No. 2	"	"	"	"	32-36°
No. 3	"	"	"	"	28-32°
No. 4	"	"	"	"	24°+
No. 5	"	"	"	"	18°+
No. 6	"	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited [unless complying with flash point requirement in paragraph (a) above and is used with burners designed to burn No. 5 U. S. commercial standard grade oil].

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by

means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; and small cabinet heaters with one burner not exceeding 6 inches in diameter with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 30 inches in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. All Tanks Except Vertical Above-Ground Storage Tanks.

[(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or more shall be built of new full weight American open hearth tank steel, free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and head plates shall be U. S. Standard 12 gauge (.109"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded, or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All 275-gallon storage tanks shall have permanently affixed the approval label of a nationally recognized standard testing laboratory not operated for commercial profit. They shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding hydrostatic test of 10 pounds per square inch without permanent deformation, rupture or leakage.

(e) All storage tanks of more than two hundred and seventy-five (275) gallons' capacity shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding a hydrostatic test without permanent deformation, rupture or leakage as follows:

(1) Oval, obround, rectangular, or specially shaped storage tanks, twenty pounds per square inch:

(2) Cylindrical storage tanks, fifty pounds per square inch.

(f) All cylindrical storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface.

(g) All buried storage tanks shall be thoroughly coated on the outside with hot tar, asphaltum, or other equivalent rust-resisting material; and where the tank is 48 inches or less in diameter the shell shall have a thickness of not less than $\frac{3}{16}$ of an inch and where the tank is over 48 inches in diameter the shell shall have a thickness of not less than $\frac{1}{4}$ of an inch.

(h) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers permanently sealed; where used

MINUTES

for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.]

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded, riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or obround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. diameter rivets $2\frac{1}{2}$ in. pitch.

[Section 2. Vertical Above-Ground Storage Tanks.

(a) All vertical above-ground storage tanks shall be built of new full weight American open hearth tank steel free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited. The minimum thickness of shell and bottom plates shall be one-quarter inch ($\frac{1}{4}$ ") and the minimum thickness of roof plates shall be one-eighth inch ($\frac{1}{8}$ ") and in no case shall the construction of the tank be less than the standard requirements of American Petroleum Institute specifications.

(b) The roofs of vertical storage tanks shall be designed to shed water and shall be permanently grounded to the tank shell. This, however, shall not exclude the use of floating steel decks.

(c) All above-ground storage tanks shall be electrically grounded.

(d) Vertical above-ground storage tanks shall be without permanent deformation and shall show no leaks when completely filled with water for test purpose prior to filling with oil.]

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be

braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

[Section 3. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).]

Section [I] 3.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity [or more] or less shall [be built of new full weight American open hearth tank steel, free from physical imperfection. They shall be welded; or riveted and welded; or riveted and caulked. Filler of any kind between plates is prohibited]. They shall have a minimum thickness of shell and head plates [shall be] of U. S. Standard 10 [12] gauge (.134") [.109"]. Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

[(d) All 275-gallon storage tanks shall have permanently affixed the approval label of a nationally recognized standard testing laboratory not operated for commercial profit. They shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding hydrostatic test of 10 pounds per square inch without permanent deformation, rupture or leakage.]

(e) All storage tanks of more than two hundred and seventy-five (275) gallons' capacity shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding a hydrostatic

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test without permanent deformation, rupture or leakage as follows:

(1) Oval, obround, rectangular, or specially shaped storage tanks, twenty pounds per square inch:

(2) Cylindrical storage tanks, fifty pounds per square inch.

[(f) All cylindrical storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface.]

(g) All buried storage tanks [shall have a thorough coating on the outside [with] of hot tar, asphaltum, or other equivalent rust-resisting material; and] where the tank is 48 inches or less in diameter the shell shall have a thickness of not less than 3/16 of an inch and where the tank is over 48 inches in diameter the shell shall have a thickness of not less than 1/4 of an inch. *All such tanks shall be electrically grounded.*

(h) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers permanently sealed; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) *Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.*

(b) *The minimum thickness of shell or bottom plates shall be 1/4 inch and the minimum thickness of roof plates 1/8 inch.*

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given in Bulletin No. 14 of the New York State Industrial Commission).

(c) *roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.*

(d) *In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.*

(e) *All buried storage tanks and all above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be thoroughly grounded.*

Section [3.] 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a

metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions. *With weep holes along the bottom one inch in diameter not more than 3 ft. apart.*

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension *not less than fifteen [six] inches (15")* greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than [one foot (1')] *two feet (2')* above the top of the tank. [and the space between the tank and the walls of the enclosure shall be completely filled with clean sand or well tamped earth.] *Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.*

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) *No tank shall be buried so as to be nearer than 3 feet to any foundation wall.*

(d) *All tanks shall be thoroughly grounded.*

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Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000	gallons
If distant 30 feet.....	24,000	"
If distant 40 feet.....	36,000	"
If distant 50 feet.....	48,000	"
If distant 60 feet.....	60,000	"
If distant 75 feet.....	96,000	"
If distant 85 feet, or more.....	100,000	"

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper [or] brass or *aluminum alloy tubing, properly marked and duly approved*, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. *Tubing shall be submitted for approval.*

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each stor-

age tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. [Such fill pipe terminal shall be not more than twenty feet (20') from the curb or private right of way.] *No fill pipe shall be less than 2 inches in diameter.*

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of *approved type* designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil" on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve *at the tank and* at the burner and when connected to burners

MINUTES

designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. *With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electro mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:*

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall

not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications [for approval] for permit shall be made by the installer on forms furnished by the [administrative official] Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by [a] his representative. [of the administrative official.]

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

[Except for installations in dwellings as defined in these rules] The installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, [however,] shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings. [Such tanks shall not be installed until the location of the tank has been approved by the Commissioner of Buildings.] All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, [twenty (20)] twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of [ten] thirty minutes. [released for five minutes, and again applied for a period of ten minutes.] When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a

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representative of the [administrative official.] *Fire Chief and Commissioner.* The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be [tested to prove their operation following the test of tank and piping.] *approved devices.*

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the [administrative official] *Fire Chief and Commissioner* giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected *as required by Code of Ordinances.*

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections *and twice the width thereof* and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, *except where same is protected by fire resisting material.*

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath *the stoves or any such heating devices* protected by a $\frac{1}{2}$ " asbestos or equivalent shield extending at least twelve (12") inches beyond the outline dimensions of such device *where required within the specific approval of each burner.*

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, *the pails to have rounded bottom.*

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity [Rule 4(b)] are installed, there shall also be posted a copy of the specifications *under which it was approved by the Board of Standards and Appeals* in addition to the instruction card herein provided for.

(b) [For manually operated systems not fully automatic the operator shall obtain a certificate of fitness from the fire commissioner.] *All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner.*

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, [or when additional protection is necessary,] the administrative official *having jurisdiction* shall have power to accept substitute methods [so that] *provided* the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules *then* applicable thereto shall be deemed acceptable, *provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.*

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

SECOND QUARTERLY REPORT

CITY OF NEW YORK BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

MUNICIPAL BUILDING

July 9, 1935.

Hon. Fiorello H. LaGuardia,
Mayor, The City of New York,
City Hall, New York City.

DEAR SIR:

I have the honor to submit to you the Second Quarterly Report of the Board of Standards and Appeals for the year 1935. This report is being submitted to you in accordance with the provisions of the Charter, Section 1544, and will also be printed in the Bulletin of the Board.

CASES FILED AND PENDING, 1935

FILED 1935	A	BZ	S	SA	SR	M'L	T'L	GR.T'L
JANUARY	11	9	3	5	0	97	125	..
Restored	0	7	0	0	0	0	7	132
FEBRUARY	10	6	0	9	0	29	54	..
Restored	0	5	0	1	0	0	6	60
MARCH	13	16	1	4	0	65	99	..
Restored	0	7	0	0	0	0	7	106
APRIL	7	11	0	8	0	66	92	..
Restored	3	12	0	1	1	0	17	109
MAY	3	16	1	8	0	39	67	..
Restored	1	8	0	1	0	0	10	77
JUNE	10	10	0	21	0	59	100	..
Restored	0	12	0	2	0	0	14	114
TOTAL	58	119	5	60	1	355	598	598
PENDING								
Dec. 31, 1934....	23	71	2	65	2	0	163	163
GRAND TOTAL..	81	190	7	125	3	355	761	761
DISPOSITION								
1935								
JANUARY	7	18	1	11	0	97	134	..
FEBRUARY	10	17	3	13	0	29	72	..
MARCH	17	19	2	7	0	65	110	316
APRIL	15	19	0	4	1	66	105	..
MAY	6	21	0	11	0	39	77	..
JUNE	9	19	1	8	0	59	96	278
TOTAL	64	113	7	54	1	355	594	594
PENDING								
June 30, 1935.	17	77	0	71	2	0	167	167

Code: A—Appeals from Administrative Orders. BZ—Applications under Building Zone Resolution. S—Applications for Variations of Labor Law. SA—Applications for Approval of Appliances. SR—Applications for Adoption of Rules. M'L—Miscellaneous Docket.

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

SECOND QUARTERLY REPORT

SUMMARY

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	21
		Dismissed	6
		Denied	53
Cases filed up to June 30, 1935	182	Granted	3
		Granted on condition	101
		Appliances approved	49
Restored to Calendar	61	Appliances dismissed, disapproved or withdrawn	5
		Rules approved	1
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	215	Requests to reopen granted	192
		Requests to reopen denied	5
Requests to amend	92	Requests to amend granted	92
		Requests to amend denied	0
Requests for modification	0	Requests for modification granted	0
		Requests for modification denied	0
Requests to rescind	2	Requests to rescind granted	2
		Requests to rescind denied	0
Requests for extension of time	32	Requests for extension of time granted	32
		Requests for extension of time denied	0
Requests for extension of permit	6	Requests for extension of permit granted	6
		Requests for extension of permit denied	0
Requests for mechanical installations	0	Requests to install granted	0
		Requests to install denied	0
Requests for approval of plans	8	Plans approved	8
		Plans disapproved	0
Administrative requests	0	Administrative requests granted	0
		Administrative requests denied or withdrawn	0
Requests for interpretation	0	Interpretations	0
		Requests withdrawn or dismissed	18
Total	761	Total	594
Disposed of	594		
Cases pending June 30, 1935	167		

MONEYS RECEIVED

SUBSCRIPTIONS	APRIL	MAY	JUNE	TOTAL	1st QUAR.	GR. T'L.
To Bulletin	\$100.00	\$57.50	\$57.50	\$215 00	\$190.00	\$405.00
Cash Sales	39.81	37.90	31.90	109.61	109.63	219.24
Total	\$139.81	95.40	89.40	324.61	299.63	624.24

EDWARD V. BARTON, *Chief Clerk.*

HARRIS H. MURDOCK, *Chairman.*

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

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MISCELLANEOUS APPLICATIONS.	
Requests to reopen	228
Requests to amend	94
Requests for modification	0
Requests to rescind	2
Requests for extension of time	33
Requests for extension of permit	6
Requests for mechanical installations	0
Requests for approval of plans	8
Administrative requests	0
Requests for interpretation	0
Total	791
Disposed of	622
Cases Pending July 3, 1935	169

DISPOSITION OF CASES.	
Withdrawn	22
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Granted	3
Granted on condition	107
Appliances approved	50
Appliances dismissed, disapproved or withdrawn ..	5
Rules approved	1
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.	
Requests to reopen granted	204
Requests to reopen denied	5
Requests to amend granted	94
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	2
Requests to rescind denied	0
Requests for extension of time granted	33
Requests for extension of time denied	0
Requests for extension of permit granted	6
Requests for extension of permit denied.....	0
Requests to install granted.....	0
Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted.....	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	19
Total	622

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

JULY 16, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 29

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, July 9, 1935, at 2 P. M.
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Approved Range Oil Burners and Space Heaters.
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Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, July 15, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, September 9, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET

New Cases Filed Up to July 10, 1935.

Cal. No.	Department	Premises Affected.	Decision.
191-35-S.....	H.D.....	351 East 114th street (Block 1686 Lot 22), Manhattan.	
190-35-SA....	F.D.....	Air - O - Flame Space Heater, Models 108, 808 and 810.	Appliance.
189-35-SA....	F.D.....	Air-O-Flame Cabinet Heater, Models, 42, 51, 52 and 521.	Appliance.
188-35-A.....	D.B.M.....	518-534 West 26th street (Block 697 Lot 47), Manhattan.	22254-F.

Restored To Calendar

10-32-BZ....	D.B.Bx....	Southern Boulevard west side 184.27 ft. south of East 180th street (Block 3108, Lot 32), The Bronx,	Alt. 656-31.
55-31-BZ....	D.B.B....	6401-6411 Ft. Hamilton Parkway and 956-972 64th street, southeast corner (Block 5743, Lot 50 and part of Lots 45 and 48), Brooklyn.	Applic. No. 15529-29.
14-35-A.....	F.D.....	548 Meserole street (Block 2977, Lot 14), Brooklyn,	66127-LC.
43-34-BZ....	D.B.B....	6522-6524 13th avenue, northwest corner of 66th street (Block 5753, Lot 46) Brooklyn,	Applic. No. 13284-32.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
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B.B.....	Board of Buildings

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Certificate of Occupancy, approved forms	Aug. 2, 1932—Vol. 17, No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19, No. 49
Concrete Rules (Hydrated Lime).....	July 2, 1935—Vol. 20, No. 27
Elevator Rules	May 21, 1935—Vol. 20, No. 21
Exist Rules (Revolving Doors).....	Jan. 1, 1935—Vol. 20, No. 1
Factory Exit Rules.....	June 4, 1935—Vol. 20, No. 23
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Fireproof Wood, Testing of.....	Apr. 9, 1935—Vol. 20, No. 15
Frame Garages, Ruling for.....	Jan. 21, 1919—Vol. 4, No. 3
Gas Shut-Off Rules.....	Apr. 7, 1925—Vol. 10, No. 14
Hatchway Protection.....	June 5, 1928—Vol. 13, No. 23
Oil Burner Rules.....	June 11, 1935—Vol. 20, No. 24
Paint, Varnish and Lacquer Spraying Rules.....	Nov. 27, 1934—Vol. 19, No. 48
Plumbing Rules.....	July 2, 1935—Vol. 20, No. 27
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Refrigerating Systems, Extract C.O.....	May 14, 1935—Vol. 20, No. 20
Smoking in Factories, Rules for....	July 9, 1935—Vol. 20, No. 28
Sprinkler Rules.....	June 25, 1935—Vol. 20, No. 26
Standpipe Fireline Rules.....	June 18, 1935—Vol. 20, No. 25
Structural Alterations, Reporting....	June 7, 1932—Vol. 17, No. 23
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)....	Apr. 10, 1923—Vol. 8, No. 15

BOARD OF ESTIMATE AND APPORTIONMENT CITY OF NEW YORK

(Amendment of Building Zone Resolution, June 28, 1935)
(Cal. No. 7)

Resolved, by the Board of Estimate and Apportionment, that the resolution adopted by said board on July 25, 1916, and amended on September 29, 1927, entitled:

"A resolution regulating and limiting the height and bulk of buildings hereafter erected and regulating and determining the area of yards, courts and other open spaces, and regulating and restricting the location of trades and industries and the location of buildings designed for specified uses and establishing the boundaries of districts for the said purposes,"

—be and hereby is amended as follows:

First—by amending article II, section 4 (a) subdivision 15, to read as follows:

(15) Storage or parking of more than five motor vehicles or garage for more than five motor vehicles, including garage units or parking or storage on contiguous lots for a less number which in the aggregate accommodate more than five motor vehicles in the same ownership, management or control, and not including a salesroom where motor vehicles are kept for sale or for display purposes only. This provision shall in no way interfere with the carrying out of plans approved prior to the date of the passage of this resolution;

Second—by amending section 7 (e) to read as follows:

Permit in a business or retail district the erection or extension of a garage or stable or the parking or storage of more than five motor vehicles on a vacant area or plot in any portion of a street between two intersecting streets, in which portion there exists a garage for more than five motor vehicles or a stable for more than five horses which existed on July 25, 1916;

Third—By adding section 7 (h) to read as follows:

Permit, for a period of not more than two years, in a business or retail district the parking or storage of more than five (5) motor vehicles on a lot or plot unbuilt upon, subject to such conditions and safeguards as the board deems proper. The use of such lot or plot shall not include any other non-conforming use or any servicing of motor vehicles;

Fourth—By amending article V, section 21 to read as follows:

§21. Rules and regulations; modifications of provisions. The Board of Standards and Appeals, created by chapter 503 of the Laws of 1916, shall adopt from time to time such rules and regulations as they may deem necessary to carry into effect the provisions of this resolution. Where there are practical difficulties or unnecessary hardships in the way of carrying out the strict letter of the provisions of this resolution the Board of Appeals shall have power in a specific case to vary any such provision in harmony with its general purpose and intent, so that the public health, safety and general welfare may be secured and substantial justice done. Where the street layout actually on the ground varies from the street layout as shown on the amended use, height or area district map, the designation shown on the mapped areas shall be applied by the Board of Appeals to the unmapped streets in such a way as to carry out the intent and purpose of the plan for the particular section in question. Before taking any action authorized in this section the Board of Appeals shall give public notice and hearing.

No garage for more than five cars may be erected or extended and no building not now used as a garage for more than five cars may have its use changed to a garage for more than five cars and no premises may be used for the storage or parking of more than five motor vehicles on any portion of a street between two intersecting streets, in which portion there exists an

CALENDAR

exit from or an entrance to a public school; or in which portion there exists any hospital maintained as a charitable institution; and in no case within a distance of 200 feet from the nearest exit from or entrance to a public school; nor within 200 feet of any hospital maintained as a charitable institution. This protection shall also apply to duly organized schools for children under 16 years of age, giving regular instruction at least five days a week for eight months or more each year, owned and operated by any established religious body or educational corporation. This limitation on the location of garages or the use of premises for the storage or parking of more than five motor vehicles shall apply to unrestricted as well as business and residence districts.

No gasoline service station may be erected or extended on any portion of a street between two intersecting streets in which portion there exists an exit from or an entrance to a public school; and in no case within a distance of 200 feet from the nearest exit from or entrance to a public school. This protection shall also apply to duly organized schools for children under 16 years of age, giving regular instruction at least five days a week for eight months or more each year, owned and operated by any established religious body or educational corporation.

CALL OF CLERK'S CALENDAR

MONDAY, JULY 15, 1935, AT 2 P. M.

Building Zone Cases.

2-35-BZ.

APPLICANT—Jacob Lubroth, for Mipan Property, Inc., owner.

PREMISES—5313-5323 Avenue D and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop.

101-35-BZ.

APPLICANT—Rose Rothenberg, for Maximilian Realty Co., Inc., owner.

PREMISES—659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

APPLICATION, under sections 7b and 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the maintenance of a business use (restaurant).

124-35-BZ.

APPLICANT—Samuels & Samuels, for Carl P. Gronbeck, owner.

PREMISES—242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

142-35-BZ.

APPLICANT—Edwin C. Georgi, for Riverside Crematory, Inc., owner.

PREMISES—1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district).

JULY 16, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, July 16, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 1066-25-BZ—Application of Roland Lievendag, owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the alteration of a garage for more than five (5) motor vehicles (with permit for sale of gasoline), which was granted by the board on March 30, 1926 (and extended into the residence district under Cal. No. 74-28-BZ), so as to form an alcove gasoline service station; premises Northwest corner of 46th avenue (Queens avenue) and 164th street (24th street); (Block No. 5442, Lot No. 81), Flushing, Borough of Queens.

CAL. NO. 79-35-BZ—Application, March 28, 1935, under section 21 of the building zone resolution, of Patrick Filomio, applicant, on behalf of Filomio Building Corp., owner, to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop; premises 3223 Laconia avenue, west side 81.41 feet north of Boston road (Block No. 4613, Lot No. 54), The Bronx.

CAL. NO. 95-35-BZ—Application, April 11, 1935, under sections 7A and 21 of the building zone resolution, of Frank V. Laspia, applicant, on behalf of Stanley Gorski, owner, to permit in a residence district the change of occupancy of an existing building (located on the rear of the lot) to a knitting mill; premises 423 Barbey street, east side, 150 feet north of Belmont avenue (Block No. 4013, Lot No. 3), Brooklyn.

CAL. NO. 104-35-BZ—Application, April 18, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Angelino Agostino, owner, to permit partly in a business district, and partly in an unrestricted district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station; premises 5809-5813 Bay parkway, east side, 80 feet 8 $\frac{3}{4}$ inches north of 59th street (Block No. 6547, Lot Nos. 5 and 7), Brooklyn.

CALENDAR

CAL. NO. 161-35-BZ—Application, June 19, 1935, under section 21 of the building zone resolution, of John M. Baker, applicant, on behalf of Adelaide Sundheimer, owner, to permit in a residence use and "E" area district the erection and maintenance of a building (dwelling) not conforming with "E" area requirements; premises 22-16 75th street, west side, 120 feet south of Ditmars boulevard (Block No. 1006, Lot No. 12), Jackson Heights, Borough of Queens.

CAL. NO. 120-35-BZ—Application, May 14, 1935, under section 21 of the building zone resolution, of Maxwell A. Cantor, applicant, on behalf of Andon E. Andon, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

CAL. NO. 137-35-BZ—Application, May 28, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Emigrant Industrial Savings Bank, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 113-123 West 51st street and 112-118 West 52nd street (Block No. 1004, Lot Nos. 19-23 and 41-44), Manhattan.

CAL. NO. 151-35-BZ—Application, June 11, 1935, under sections 7c and 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Lena Traversi, owner, to permit partly in a business district and partly in a residence district the alteration and extension of an existing moving picture theatre; premises 6502 18th avenue and 1788 65th street, southwest corner (Block No. 5553, Lot No. 40 and part of Lot No. 37), Brooklyn.

CAL. NO. 183-35-BZ—Application, July 1, 1935, under section 7-c of the building zone resolution, of Washburn Wire Co., Inc., applicant, on behalf of Washburn Wire Co., Inc., and Standard Gas Light Co., owners, to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a factory building; premises 535-547 East 116th street and 536-550 East 117th street (Block No. 1715, Lot Nos. 18, 33 and 37 and part of Lot Nos. 22 and 30), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

JULY 16, 1935, 2 P. M.

Appeals from Administrative Orders.

162-35-A—37-59 Railroad avenue, west side, 440 feet south of Greenpoint avenue (Block No. 312, Lot Nos. 263, 267 and 273), Long Island City, Borough of Queens.

187-35-A—Pier No. 38, Clinton Wharf, Atlantic Basin (Block No. 515, part of Lot No. 1), Brooklyn.

Appliances Submitted for Approval

189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.

190-35-SA—Air-O-Flame Space Heater, Models 808, 810 and 108.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, July 16, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 61-35-BZ—Application, March 8, 1935, under section 21 of the building zone resolution, of W. H. Harrington, applicant, on behalf of Joseph L. Fries Co., Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

CAL. NO. 26-35-BZ—Application, January 31, 1935, under section 21 of the building zone resolution, of John J. Dunnigan, applicant, on behalf of Hugh Cooney, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station; premises 4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

CAL. NO. 297-34-BZ—Application of Enmor Realty Corporation, owner, reopened June 25, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 2705-2715 Nostrand avenue, east side, 360 feet north of Avenue N (Block No. 7666, Lot No. 25), Brooklyn.

CAL. NO. 106-35-BZ—Application, April 22, 1935, under section 21 of the building zone resolution, of Fertig, Walter and Gottesman, applicants, on behalf of Michael Tuch, owner, to permit in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.); premises 153-14 90th avenue, south side, 100.08 feet east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

CAL. NO. 115-35-BZ—Application, May 3, 1935, under sections 7c and 21 of the building zone resolution, of Eugene De Rosa, applicant, on behalf of Amsterdam Apartments, Inc., owner, to permit partly in a business district and partly in a residence district, the erection and maintenance of a building to be used as a motion picture theatre, stores and offices;

CALENDAR

premises 361-363 West 23rd street, north side, 150 feet 1½ inches east of 9th avenue and between 346-348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

CAL. NO. 617-24-BZ—Application of Newman, Hauser and Teitler, on behalf of Lantic Corporation, owner, reopened July 2, 1935, for consideration as to extension of time to complete work—re application, granted on certain conditions under section 7c of the building zone resolution, permitting the alteration and conversion of occupancy of building used as a factory, stable and garage, located partly in a business district and partly in an unrestricted district, to a garage for the storage of more than five (5) motor vehicles; premises 41-57 Third avenue, southeast corner of Atlantic avenue (Block No. 186, Lot No. 1), Brooklyn.

CAL. NO. 107-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of Scacchetti & Siegel, applicants, on behalf of the Estate of Julian Ismay Jones, infant, owner; Mary Ismay Sullivan, general guardian, to permit upon a plot of ground located partly in an unrestricted district and partly in a business district the erection and maintenance of a building to be used as a garage for more than five (5) motor vehicles and motor vehicle repair shop and, also, a gasoline service station; premises 1301-1305 Jerome avenue and 1-9 West Clarke place, northwest corner (Block No. 2856, Lot Nos. 60 and 63), The Bronx.

CAL. NO. 641-30-BZ—Application of Michael Shanley, on behalf of 2508 Broadway, Inc., owner, reopened April 23, 1935, under sections 7f and 21 of the building zone resolution, to permit partly in a business use district and partly in a residence use district, the maintenance of a gasoline service station for a further period of two (2) years; premises South side of Hillside avenue, 41 feet east of 207th street (Block No. 1508, Lot Nos. 3, 4 and 5), Queens Village, Borough of Queens.

CAL. NO. 203-33-BZ—Application of Lama and Proskauer, on behalf of Borden's Farm Products Co., Inc., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; (previously withdrawn); premises 365-379 Fourth avenue, east side, 20 feet north of 6th street (Block No. 987, part of lot No. 1), Brooklyn.

CAL. NO. 100-34-BZ—Application of Samuels and Samuels, on behalf of Kariene Burke, owner, reopened June 4, 1935 for consideration of an amendment to the resolution of July 3, 1934 as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolu-

tion, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 138-50 Jamaica avenue and 89-11 138th place, south east corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, SEPTEMBER 9, 1935, AT 2 P. M.

Building Zone Cases.

136-35-BZ.

APPLICANT—Morris Braun, for Isidore Rothman, owner.

PREMISES—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.

PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue ((Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

390-27-BZ.

APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.

PREMISES—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

118-31-BZ.

APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.

PREMISES—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

APPLICATION, under section 21 of the building zone resolution, (reopened March 5, 1935).

TO PERMIT the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board.

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CALENDAR

CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. NO. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, reopened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 2871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, applicant and owner, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 10, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, reopened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciuszko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935, at 10 o'clock, in Room 1013, Municipal Building on the following matters:*

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935 for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand

CALENDAR

concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building,* on the following matters:

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an existing garage for more than five (5)

motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY MORNING, JULY 9, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum.

BUILDING ZONE CASES

07-35-BZ.

APPLICANT—Scacchetti & Siegel, for Estate of Julian Ismay Jones, Infant, owner; Mary Ismay Sullivan, general guardian.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7b and 21 of the building zone resolution, to permit upon a plot of ground located partly in an unrestricted district and partly in a business district the erection and maintenance of a building to be used as a garage for more than five (5) motor vehicles and motor vehicle repair shop and, also, a gasoline service station.

PREMISES AFFECTED—1301-1305 Jerome avenue, and 1-9 West Clarke place, northwest corner (Block No. 2856, Lot Nos. 60 and 63), The Bronx.

APPEARANCES—

For Applicant: Max Siegel.

For Opposition: Earl I. Gallant.

ACTION OF BOARD—Laid over to July 16, 1935, at 2 P. M., for report of committee on inspection. No further argument.

41-30-BZ.

APPLICANT—Michael Shanley, for 2508 Broadway, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 21 and 7f of the building zone resolution, to permit partly in a business use district and partly in a residence use district, the maintenance of a gasoline service station for a further period of two (2) years (previously granted for a temporary period; reopened April 23, 1935).

PREMISES AFFECTED—South side of Hillside avenue, 41 feet east of 207th street (Block No. 1508, Lot Nos. 3, 4 and 5), Queens Village, Borough of Queens.

APPEARANCES—

For Applicant: Michael Shanley, Julia Shanley.

For Opposition: None.

ACTION OF BOARD—Laid over to July 16, 1935, at 2 P. M., for report of committee on inspection. No further argument.

203-33-BZ.

APPLICANT—Lama and Proskauer, for Borden's Farm Products Company, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to Calendar April 30, 1935).

PREMISES AFFECTED—365-379 Fourth avenue, east side, 20 feet north of 6th street (Block No. 987, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: Joseph Janicke, Alphonse Gallo, Francis A. Sacerdote, Vincent Pucci.

ACTION OF BOARD—Laid over to July 16, 1935, at 2 P. M., for report of committee on inspection. No further argument.

10-32-BZ.

APPLICANT—Martin J. Ort, for Marmion Avenue Corporation, owner.

SUBJECT—Application for reopening—extension of permit—(re decision of the superintendent of buildings) under sections 7a and 7e of the building zone resolution, to permit in a business district the extension of an existing garage for more than five motor vehicles.

PREMISES AFFECTED—West side of Southern Boulevard, 184.27 ft. south of East 180th street (Block No. 3108, Lot No. 32), The Bronx.

APPEARANCES—

For Applicant: Martin J. Ort.

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ACTION OF BOARD—Application reopened, calendar call waived and set for hearing September 24, 1935, at 2 P. M.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative:	0
Absent: Assistant Chief Kidney	1

55-31-BZ.

APPLICANT—Office of Henry T. Child, for Emma D. Gardiner, present owner.

SUBJECT—Application for reopening—consideration under new facts—(re decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit it a business district the alteration of a garage for the storage of more than five (5) motor vehicles—a garage previously granted by the board—so as to include a gasoline service station.

PREMISES AFFECTED—6401-6411 Ft. Hamilton avenue (parkway) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

APPEARANCES—

For Applicant: Sydne Schleeman.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing, September 24, 1935, at 2 P. M.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

116-35-BZ.

APPLICANT—Andrew F. Weber, for Ann H. Draper, owner.

SUBJECT—Application ((re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of part of an existing dwelling so as to include a business use (undertaking establishment).)

PREMISES AFFECTED—103-44 Springfield boulevard, northwest corner of Hollis avenue (Block No. 2008, Lot No. 22A), Queens Village, Borough of Queens.

APPEARANCES—

For Applicant: Andrew F. Weber, Julius Eckman.
For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(116-35-BZ)

WHEREAS, Andrew F. Weber, for Ann H. Draper, owner, filed May 7, 1935, an application under the building zone resolution to permit in a residence district the alteration and change of occupancy of part of an existing dwelling so as to include a business use (undertaking establishment); premises: 103-44 Springfield boulevard, northwest corner of Hollis avenue (Block No. 2008, Lot No. 22A), Queens Village, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 9, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Springfield boulevard is resi-

dence and business; Hollis avenue is residence; 218th place is residence and business and 104th avenue is residence and business; and

WHEREAS, the decision of the commissioner of buildings, rendered May 1, 1935, re App. No. 2673-1935, reads:

"The establishment of a business in a building located in a residence district contrary to article II, sections 2 and 3, building zone resolution."

and

WHEREAS, the building is of frame construction 2 stories and attic in height, with a frontage of 31 feet 3 inches, and a depth of 44 feet 4 inches, occupied as residence. It is proposed to erect at the southerly rear of the building a two story frame addition 12 feet 8 inches by 23 feet in area. Proposes to occupy the building as an undertaking establishment and dwelling; and

WHEREAS, the board deems that the applicant has established the basis of his application under section 21 of the building zone resolution, hardship and is entitled to a variance for a period of two years, under such restrictions as will safeguard the affected adjoining property owners.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted under section 21 for a period of two years from the date of this action, permitting the premises under appeal to be used as a funeral parlor, on condition that there shall be no alterations to the existing buildings other than as shown on plans filed with this appeal; that signs shall be restricted to a permanent sign attached to the front of the building, not to exceed six square feet in area, excluding all other signs of every nature; and permitting the existing one-story garage to be used for one commercial vehicle in conjunction with the undertaking establishment; that all permits required shall be obtained within six months and all work completed within one year from the date of this action.

84-33-BZ.

APPLICANT—Frank G. Long, for Estate of Thomas J. Long, owner.

SUBJECT—Application for reopening—extension of time—(re decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the change of occupancy of an existing wet wash laundry to a garage for more than five (5) motor vehicles and, also, a motor vehicle repair shop.

PREMISES AFFECTED—3449 Ft. Hamilton parkway, south side 100 feet west of Chester avenue (Block No. 5302, Lot No. 44), Brooklyn.

APPEARANCES—

For Applicant: John T. Blake.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(84-33-BZ)

WHEREAS, this application affecting premises 3449 Fort Hamilton parkway, south side 100 feet west of Chester avenue (Block No. 5302 Lot No. 44), Borough of Brooklyn, was granted by the board June 9, 1933 on certain con-

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ditions and applicant requested an extension of time to obtain permit and complete the work.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of June 9, 1933, only insofar as it has reference to obtaining permits and the completion of the work, so that as amended this portion of the resolution will read: "that all permits shall be obtained within six months and all work involved thereby shall be completed within nine months from the date of this amended resolution."

418-31-BZ.

APPLICANT—McCabe & Hickey, for Gerwan Realty Co., Inc., owner.

SUBJECT—Application for reopening—extension of time—(re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1036-1060 McDonald avenue (Gravesend avenue), northwest corner of 47th street (Block No. 5452, Lot No. 37), Brooklyn.

APPEARANCES—

For Applicant: Frederick Wagner.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE VOTE TO EXTEND TIME:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(418-31-BZ)

WHEREAS, this application affecting premises 1036-1060 McDonald avenue (Gravesend avenue) northwest corner of 47th street (Block No. 5452, Lot No. 37), Borough of Brooklyn, was granted by the board July 10, 1934, on certain conditions and owner requested an extension of time to obtain permits and complete the work.

Resolved, that the resolution adopted by the board on July 10, 1934, be and it hereby is *amended*, only so far as it has to do with obtaining permits and completion of work, so that as amended this portion of the resolution will read: "that all permits shall be obtained within six months and all work completed within one year from the date of this action; that other than as amended herein, the resolution adopted on July 10, 1934, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS.

184-35-A.

APPELLANT—Frederick W. Kosting, for Gulf Refining Company, owner.

SUBJECT—Appeal from an order of the fire commissioner.
PREMISES AFFECTED—376-412 Maspeth avenue (Block No. 2928, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: Frank A. Epps, Frederick W. Kosting.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Appeal placed on reserve calendar, pending report from Board of Hazardous Trades, Fire Department.

186-35-A.

APPELLANT—Robert Teichman, for 1780 Broadway Corp., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—225-227 West 57th street (Block No. 1029, Lot No. 17), Manhattan.

APPEARANCES—

For Appellant: Robert Teichman.

For Administration: Assistant Engineer Samuel Becker of department of buildings.

ACTION OF BOARD—Appeal withdrawn upon request of appellant.

THE VOTE TO WITHDRAW:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

14-35-A.

APPELLANT—B. J. Nova, for Marvel Bleach & Chemical Co., lessee.

SUBJECT—Application for reopening—restoration—(re appeal from an order of the fire commissioner). (Previously withdrawn.)

PREMISES AFFECTED—548 Meserole street, (Block No. 2977, Lot No. 14), Brooklyn.

APPEARANCES—

For Appellant: B. J. Nova.

ACTION OF BOARD—Appeal reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

149-35-A.

APPELLANT—Sarah Sohn, owner.

SUBJECT—Appeal from an order of the fire commissioner.
PREMISES AFFECTED—1200 39th street (Block No. 5293, Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: Albert Fein.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(149-35-A)

WHEREAS, Sarah Sohn, owner, filed June 6, 1935, an appeal from an order of the fire commissioner, affecting premises 1200 39th street (Block No. 5293, Lot No. 1), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner, dated May 17, 1935, re. 66320-LC, reads:

"Discontinue maintenance of a garage in the above premises, as same is of frame construction. Section 90, chapter 5."

and

WHEREAS, the building is frame, one-story in height, 20 feet by 24 feet in area; divided into three sections and occupied for storage and as a garage located in an unrestricted use district; and

WHEREAS, appellant contends that the structure is located at a distance of 16 feet from the nearest dwelling and that the building, as constructed, does not create a hazardous condition.

Resolved, that the order of the fire commissioner No. 66320-LC, be and it hereby is *modified*, and the appeal be and it hereby is *granted* to permit the occupancy of spaces 2 and 3 in the existing one-story frame building as auto-

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mobile compartments for a period of two (2) years from the date of this action, on condition that the building shall not be increased in height or area and that the interior walls and ceiling of each compartment, in addition to being covered with celotex, shall be covered throughout with No. 26 gauge metal.

169-35-A.

APPELLANT—S. A. Swenson for The O. B. Potter Properties, Inc., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—442 Lafayette street and 4-8 Astor place (Block No. 545, Lot Nos. 28 and 33), Manhattan.

APPEARANCES—

For Appellant: S. A. Swenson.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(169-35-A.)

WHEREAS, S. A. Swenson, for The O. B. Potter Properties, Inc., owner, filed June 22, 1935, an appeal from an order of the Commissioner of Buildings, affecting premises 442 Lafayette street and 4-8 Astor place (Block No. 545, Lot Nos. 28 and 33), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated June 3, 1935 (Order No. 22116-F), reads:

"1. Raise the standpipe gravity tank so that the bottom of said tank is not less than 20 feet above the house outlet in the highest story. Section 580-1 chapter 5 code of ordinances and rules of the Board of Standards and Appeals."

and

WHEREAS, the building is fireproof, 7 stories and basement (100 ft.) in height, 27 feet frontage on Lafayette street by 199 feet and extension with 68 feet frontage on Astor place by 25 feet in area; OCCUPIED as a tenant factory, not more than 70 persons per story; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1900, and is provided with a standpipe system fed from a 5000 gallons capacity gravity tank—the bottom of the tank being located approximately 17 feet 6 inches above the outlet on the top story; appellant contends further that building is equipped with an automatic sprinkler system having two sources of supply—a 20,000 gallon gravity tank and, also, a 9,000 gallon pressure tank.

Resolved, that the order of the commissioner of buildings No. 22116-F be and it hereby is modified, and the appeal be and it hereby is granted, so as to permit the standpipe gravity tank to remain in its present position on condition that it is not less than 17 feet 6 inches above the highest hose outlet in top story; that the standpipe-fire line rules of the Board of Standards and Appeals shall be complied with in all respects; that the automatic sprinkler system shall be maintained to the satisfaction of the administrative official and that all other laws and regulations applicable thereto shall be complied with.

170-35-A.

APPELLANT—Kiamie Realty Corporation, owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—16 East 18th street (Block No. 846, Lot No. 65), Manhattan.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Appeal dismissed for lack of prosecution.

THE VOTE TO DISMISS FOR LACK OF PROSECUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(170-35-A)

WHEREAS, Kiamie Realty Corporation, owner, filed June 21, 1935, an appeal from an order of the commissioner of buildings affecting premises 16 East 18th street (Block No. 846, Lot No. 65), Borough of Manhattan, and

WHEREAS, the order of the commissioner of buildings, dated June 5, 1935, order No. 22164-F, reads: :

"4. Provide a steam or electric feed pump of sufficient capacity to deliver 65 gallons of water per minute at the standpipe tank. Sections 580-1, chapter 5, code of ordinances."

and

WHEREAS, the building, erected in 1900, is fireproof 9 stories (120 ft.) and pent house in height, 23 feet 10 inches by 94 feet in area; OCCUPIED: 1st story—restaurant; upper stories—tenant factories—approximately 10 persons per story; pent house—vacant at present; and

WHEREAS, applicant contends that the present pump and piping supplying the standpipe tank are in good running order and that they supply the tank with 20 gallons of water per minute; and

WHEREAS, no one appeared when this case was called although duly notified.

Resolved that the appeal be and it hereby is dismissed for lack of prosecution.

173-35-A.

APPELLANT—Walter M. Eberhart for East River and 56th Street Corporation, lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—503-507 East 55th street (Block No. 1371, part of lot No. 38), Manhattan.

APPEARANCES—

For Appellant: Walter M. Eberhart.

For Administration: Asst. Engineer Samuel Becker of department of buildings.

ACTION OF BOARD—Appeal granted.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(173-35-A)

WHEREAS, Walter M. Eberhart, for East River and 56th Street Corporation, lessee, filed June 25, 1935, an appeal from a decision of the commissioner of building affecting premises 503-507 East 55th street (Block No. 1371, part of Lot No. 38), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, dated May 15, 1935, Alt. Application 132-1935, reads: :

"On account of the recent fire which occurred in above mentioned building, destroying the major portion of the building, I wish to advise that, in accordance with the provisions of section 11 of the multiple dwelling law which states that,

"If a multiple dwelling, whether heretofore or hereafter erected, be damaged by fire or other cause to the extent of two-thirds or more of its value at the time of such damage exclusive of the value of the foundation, such dwelling shall not be repaired or rebuilt except in conformity with the provisions of this chapter relative to dwellings hereafter erected."

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It will be necessary to revoke the permit granted for the alteration work called for in approved alteration application 132-1935 and the same is therefore hereby REVOKED."

and

WHEREAS, the premises in question (which have been partly destroyed by fire) consisted of three five-story brick tenement houses, 75 feet by 65 feet in area; and

WHEREAS, applicant contends that he was granted a permit under alteration application No. 132-1935 by the department of buildings, to remodel and renovate the premises in question; the cost of the contemplated work was \$64,000; that while the work was in progress (April 5, 1935), fire broke out in the buildings and caused destruction in excess of two-thirds of the value thereof; that on April the 5th, 1935, the owners received an order from the building department to forthwith do all necessary shoring and bracing, and demolish these buildings to the curb level; that upon receipt of this order, the applicant as agent for the owner, called upon the building department to determine whether or not the buildings could be rebuilt according to the approved plan and permit in effect; that, he was informed that the buildings could be rebuilt and was instructed to write a letter to the department requesting a modified demolition order to wreck the buildings to the second tier of beams and replace defective portions below, also to state his intentions to rebuild these buildings according to the approved plan and under the permit issued. This letter was written to the department on April 9, 1935, as directed, and on April 12, 1935, a modified order in answer to the request, granting permission to rebuild these buildings was received from the building department, that immediately after receiving such permission, the owner wrecked the buildings to the second tier of beams, removed defective portions below and proceeded to rebuild these buildings; that on May 15, 1935, one month after the owner started to reconstruct these buildings a letter, revoking the permit under which these buildings were being remodeled, was received; upon receipt of which work was stopped; that these buildings when completed will be the highest type of accommodation in a select neighborhood overlooking the East River at Sutton place. All living rooms will be outside rooms, with large casement windows. Five room flats are being converted into two room and kitchenette apartments with every modern convenience, and to rebuild these buildings according to the approved plans would be in no way contrary to the spirit of the multiple dwellings law, which is aimed at elimination of slum conditions, lack of light and air, inadequate plumbing facility, overcrowding, etc. Because section II of article 2 of the multiple dwelling law does not apply in this instance, and because of the great hardship and cost to the owner acting in good faith and through no fault of his own; and

WHEREAS, these buildings were partially destroyed by fire while being extensively reconstructed in accordance with plans approved by the commissioner of buildings as complying with the multiple dwelling law.

Resolved, that the decision of the commissioner of buildings be and it hereby is *reversed*, and that the appeal be and it hereby is *granted*.

185-35-A.

APPELLANT—Robert Teichman, for 1780 Broadway Corp., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1780-1782 Broadway (Block No. 1029, Lot No. 14), Manhattan.

APPEARANCES—

For Appellant: Robert Teichman.

For Administration: Assistant Engineer Samuel Becker of department of buildings.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum 3

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(185-35-A)

WHEREAS, Robert Teichman, for 1780 Broadway Corp., owner, filed July 2, 1935, an appeal from a decision of the commissioner of buildings, affecting premises 1780-1782 Broadway (Block No. 1029, Lot No. 14), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, dated June 26, 1935, reads:

"Answering your letter of June 24th requesting permission to occupy the above building as a garage for 5 cars, cars to be located on the different floors throughout the building, you are advised that approval for this occupancy is hereby denied. Approval for a 5 car garage in a space on the first floor would be permitted."

and

WHEREAS, the building located in a business use district and erected in 1909, is fireproof, 12 stories in height, 53 feet 10 inches by 116 feet 6 inches in area; OCCUPIED: Cellar—storage; 1st story—auto salesroom—6 persons; 2nd story—office and auto salesroom—5 persons; 3rd story—office and auto sales room—5 persons; 4th story—office and auto accessories—5 persons; 5th story—office and auto salesroom—6 persons; 6th, 7th and 8th stories—office and auto salesroom—5 persons per story; 9th story—office and showroom—100 persons; 10th story—office and showroom—100 persons; 11th story—office and showroom—100 persons; 12th story—office and showroom—100 persons; and

WHEREAS, appellant requests permission to have in "live storage" five (5) automobiles: one car on (each of) the 1st, 2nd, 4th, 5th and 7th stories of the building; access to the building is by means of a driveway through 225-227 West 57th street to an elevator which exits also to the building in question; and

WHEREAS, appellant contends that he had this use, prior to and subsequent to 1916 and has filed an affidavit to this effect; contends that "in March, 1933, an application was made for a C.O. for office use and auto storage on the first 8 floors; this request was made by a new tenant, said C.O. No. 18892 was issued, no C.O. having been issued before this; the certificate having a marginal note stating that the building is to be occupied for dead storage purposes only; and that previous to this date, April 19, 1933, the bureau of fire prevention issued permits for the live storage of automobiles on different floors of the building and as late as 1935 issued a permit through the bureau of combustibles for 35 cars on the 6th floor of said building; that new agents were appointed to manage said building and in June 1934 a new C.O. No. 19696 was applied for and obtained, changing the occupancy of the 4th and 7th floors to offices; this being done in an effort to secure tenants.

Resolved that the decision of the commissioner of buildings be and it hereby is *affirmed*, and the appeal be and it hereby is *denied*.

Adjourned, 12:45 P. M.

EDWARD V. BARTON, *Chief Clerk*.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, JULY 9, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum.

BUILDING ZONE CASES.

100-34-BZ.

APPLICANT—Samuels and Samuels for Kariene Burke, owner.

SUBJECT—Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station, for a temporary period (reopened June 4, 1935, for consideration of an amendment to the resolution of July 3, 1934,

PREMISES AFFECTED—138-50 Jamaica avenue and 89-11 138th place, southeast corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Archie Samuels.

For Opposition: Karl K. Klein and Charles Kaemmer.

ACTION OF BOARD—Laid over to July 16, 1935, at 2 p. m., upon request of attorney for objectors.

56-34-BZ.

APPLICANT—Lama & Proskauer, for Joseph Cafiero, owner.

SUBJECT—Application for reopening—consideration under new facts— (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a petroleum storage plant, with tanks above ground.

PREMISES AFFECTED—2115-2127 Neptune avenue, northeast corner of West 22nd street (Block No. 6991, part of Lot No. 41), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama and George Cafiero.

ACTION OF BOARD—Application reopened and then vote to reopen rescinded.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE VOTE TO RESCIND VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

43-34-BZ.

APPLICANT—Gray & Tomlin, attorneys for Francesco Frasca, owner.

SUBJECT—Application for restoration to the calendar for further hearing, by order of the court—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station illegally installed.

PREMISES AFFECTED—6522-6524 13th avenue and 1273-1283 66th street, northwest corner (Block No. 5753, Lot No. 46), Brooklyn.

APPEARANCES—

For Applicant: Andrew S. Derby Arnold Lederer and Dominick Frasca.

For Administration: Inspector Wm. J. O'Keefe, for department of buildings; Clerk Louis Muschel, for fire department.

ACTION OF BOARD—Application reopened, resolution of board of July 10, 1934, rescinded and application granted on condition.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE VOTE TO RESCIND RESOLUTION OF BOARD OF JULY 10, 1934—

Affirmative: Chairman Murdock, Commissioners Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(43-34-BZ)

WHEREAS, Ferdinand Savignano, for Francesco Frasca, owner, filed February 14, 1934, an application under the building zone resolution to permit in a business district the maintenance of a gasoline service station illegally installed; premises: 6522-6524 13th avenue, northwest corner of 66th street (Block No. 5753, Lot No. 46), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 10, 1934, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 66th street is in a business and residence district; 65th street is in a residence district; and 13th avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 13, 1934, re Amendment Applic. No. 13284/32, reads:

"Proposed gasoline service station in a business use district is contrary to article 2, section 4a (46) of the building zone resolution and is therefore denied.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on 66th street and 40 ft. on 13th avenue. Upon the plot are located a two-story brick dwelling, a 5-car garage and on the southeast part of the plot (having an area of 43 ft. by 20 ft.) there are located a grease pit and two gasoline pumps. Proposes to continue the use of the premises as a gasoline station; and

WHEREAS, the application was denied by the board at its meeting, July 10, 1934; and

WHEREAS, the application was subject to Court Review and upon order of the court the hearing was reopened for further consideration and for taking of additional testimony; and

WHEREAS, further hearing was held on July 9, 1935, and the previous action of the board was rescinded; and

WHEREAS, the board deemed that upon the additional testimony presented there was sufficient ground to consider that a temporary hardship existed.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted under section 21 for a period of five years from the date of this action, permitting the portion of the property under appeal, consisting of an area with a frontage of 20 ft. on 13th avenue and 43 ft. on 66th street, to be used as a gasoline selling station on condition that the entire area except where existing grease pits are located shall be either cement paved or covered with steamed cinders; that the existing curb cuts to 13th avenue

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and 66th street shall not be increased; that there shall be not more than two gasoline pumps erected on the premises near the corner formed by the intersection of 66th street and 13th avenue; that there shall be erected on the street building line a reinforced concrete curb not less than one foot in height and one foot in width, extending from the corner formed by the intersection of 13th avenue and 66th street for a distance of not less than 5 ft. northerly and westerly from the intersection for the purpose of preventing automobiles from crossing the corner of the property; that all advertising signs shall be limited to the illuminated globes of the pumps; and that there shall be no portable gasoline tanks used on or from the property.

334-29-BZ.

APPLICANT—Walter H. Volckening, for Famous Red Ash Coal Co., lessee (21-year lease).

SUBJECT—Application reopened June 18, 1935, for consideration of an amendment to the resolution to permit the erection of portion of the required fence of wood instead of masonry—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a residence district the extension and addition to an existing use—coal pockets and business building.

PREMISES AFFECTED—1876-1878 50th street, south side, 100 feet west of 19th avenue and 1853-1877 51st street, north side, 100 feet west of 19th avenue (Block No. 5461, Lot No. 36), Brooklyn.

APPEARANCES—

For Application: Walter H. Volckening.

For Opposition: John F. Coleman and Camillo Rescigno.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(334-29-BZ)

WHEREAS, Walter H. Volckening, for Famous Red Ash Coal Co., lessee (21-year lease), filed, May 15, 1929, an application, under the building zone resolution, to permit in a residence district the extension and addition to an existing use—coal pockets and business building; premises 1876-1878 50th street, south side, 100 ft. west of 19th avenue, and 1853-1877 51st street, north side, 100 ft. west of 19th avenue (Block No. 5461, Lot No. 36), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 23, 1929, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 19th avenue is in a residence district; 50th street is in a residence district, and 51st street is in a residence district; and

WHEREAS, the decision of the superintendent of buildings, rendered May 11, 1929 (re App. No. 2562-1929), reads:

"1. Application to extend business building now located within 'residence districts' and to add two coal pockets is contrary to Art. II, Sec. 6a of Zoning Resolution."

and

WHEREAS, the premises consist of a plot of ground with a frontage of 211.45 ft. on 51st street, 46.15 ft. on 50th street and 260 ft. along the Long Island Railroad, on which is located the plant of the Famous Red Ash Coal Co., consisting of four coal pockets, an office, screen, etc.; it is proposed to provide a new coal screen and storage bin and to extend the existing office building and raise building to grade; and

WHEREAS, the business existed prior to the amended change in the district from unrestricted to residence use area; and

WHEREAS, the board deems that applicant is entitled to relief under sections 7a and 21 on the grounds of unnecessary hardship and practical difficulties; and

WHEREAS, this application was granted by the board at its meeting, July 23, 1929, on certain condition, as to location of bin and an extension of time to complete work and obtain permits, and lessee now requests a further extension of time and the resolution was amended on July 14, 1931, to read as follows:

"Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted*, permitting the extension and raising of the office floor of the existing building up to the new fixed street grade and erection of screen and storage bin substantially in accordance with plans filed in this application, Drawing No. 1808-D of the Nicholson Company, *on condition* that there shall be not more than one vehicular entrance on the 50th street front; that all coal stored and maintained on the premises shall be maintained in an enclosed structure; that any conveyor or coal buckets shall be enclosed; that the entire premises otherwise unoccupied shall be surfaced with finished concrete throughout; that the premises shall be enclosed on the 51st street building line with a fence not less than 7 ft. in height with a lattice top of not less than 18 in. in height; that there shall be no additional coal pockets, other than shown on plans, erected or operated; that there shall be no advertising displayed on street fronts, other than one metal flat wall sign at the office entrance on the 50th street front; that a wall of approved masonry not less than 8 ft. in height shall be built along the southerly property line from 50th to 51st street, coped with terra cotta or natural stone, and that all permits shall be obtained within three months and any work involved shall be completed within six months from July 22, 1931."

and

WHEREAS, the applicant requested a further amendment of the resolution as to the construction of the fence wall and this case was reopened by vote of the board June 18, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 9, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the board deemed that applicant had substantiated his request for amendment of the resolution under sections 7A and 21 of the building zone resolution.

Resolved, that the resolution adopted by the board on July 23, 1929, as amended July 14, 1931, be and it hereby is *amended*, only so far as it has reference to the masonry wall to be erected along the southerly property line from 50th street to 51st street, so that as amended, this portion of the resolution will read:

"that there shall be constructed along the southerly property line from 50th street to 51st street a masonry wall and wood fence on concrete footing, as indicated on plan filed, marked 'received May 17, 1935,' provided this fence or wall is at no point less than 8 ft. above the grade of the property under appeal; that this wall shall be of solid masonry for a distance of 97 ft. northerly from 50th street and thence to 51st street, a heavy tight board fence erected on a continuous concrete base not less than 3 ft.; that no coal shall be stored at any time within 10 ft. of this lot line wall or fence; that other than as amended herein, the resolution adopted July 23, 1929, shall be complied with in all respects."

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553-29-BZ.

APPLICANT—Gustave Goldman, for Louis Klein, owner.
SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1022-1032 Rockaway avenue, southwest corner of Linden boulevard (Block No. 3643, Lot No. 33), Brooklyn.

APPEARANCES—

For Applicant: Gustave Goldman.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE VOTE TO AMEND—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(553-29-BZ)

WHEREAS, this application affecting premises 1022-1032 Rockaway avenue, southwest corner of Linden boulevard (Block No. 3643, Lot No. 33), Borough of Brooklyn, was granted by the board June 21, 1932, on certain conditions and owner requested an amendment of the resolution as to sign.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of June 21, 1932, only so far as it refers to advertising signs, so that as amended this portion of the resolution will read:

"That any advertising display shall be restricted to fixed wall signs within the property line and to the illuminated globes of the gasoline pumps and to one post standard erected within the building line near the corner formed by the intersection of Linden boulevard and Rockaway avenue to carry an illuminated sign which may extend not over 8 feet beyond the building line and advertising only the brand of gasoline for sale; that other than as amended herein the resolution adopted by the board June 21, 1932, shall be complied with in all respects."

64-32-BZ.

APPLICANT—Edwin H. Snackenberg, for Anna Weiss, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southwest corner of White Plains avenue and East 223rd street (Block No. 4824, Lot Nos. 1 and 82), The Bronx.

APPEARANCES—

For Applicant: Edwin H. Snackenberg.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(64-32-BZ)

WHEREAS, this application affecting premises southwest corner of White Plains avenue and East 223d street (Block No. 4824, Lot Nos. 1 and 82), Borough of The Bronx, was granted by the board July 17, 1934, on certain conditions and applicant requested an extension of time to complete the work.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of July 17, 1934, in view of statement by applicant that plans have been filed with the commissioner of buildings and approved by him, to extend the time within which to complete all work to within six months from the date of this amended resolution, *on condition* that other than as amended herein the resolution adopted by the board on July 17, 1934, shall be complied with in all respects.

1323-25-BZ.

APPLICANT—Sydne Schleman, for Tide Water Oil Company, lessee.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—70-21 73rd place (formerly 4621 Proctor street); (Block No. 3792, Lot Nos. 44 and 46), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: Sydne Schleman.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE VOTE TO AMEND—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(1323-25-BZ)

WHEREAS, this application affecting premises 70-21 73rd place (formerly known as 4621 Proctor street) (Block No. 3792, Lot Nos. 44 and 46), Glendale, Borough of Queens, was granted by the board December 15, 1933, on certain conditions resolution amended January 15, 1935, and applicant requests a further amendment as to signs.

Resolved, that the resolution adopted by the board on December 15, 1933, as amended by resolution adopted January 15, 1935, be and it hereby is amended, only so far as it has reference to signs, so that as amended, this portion of the resolution will read:

"that advertising signs shall be restricted to the illuminated globes of the gasoline pumps and permanent flat signs attached to the front of the accessory buildings and to the interior side of the lot line walls, excluding signs on the exterior of the lot line walls and all signs of a temporary nature and all roof signs, but permitting an illuminated sign to be attached to the existing flood light trestle column erected within the building line near the intersection of 73rd place and Central avenue, provided this sign does not extend more than 8 ft. beyond the building line and such sign consists only of the illuminated name of the brand of gasoline on sale and the name of the station operator, *on condition* that other than as amended herein the resolution adopted by the board on December 15, 1933, as amended by resolution adopted January 15, 1935, shall be complied with in all respects."

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446-31-BZ.

APPLICANT—Sibley & Fetherston, for Department of Hospitals, City of New York, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection of a motor vehicle repair shop and garage for more than five (5) motor vehicles as an extension to an existing garage (accessory to a hospital).

PREMISES AFFECTED—Northwest side of Brielle avenue, 1,780 feet north of Rockland avenue (Block No. 955, part of Lot No. 1), (Sea View Hospital Farm Colony), Borough of Richmond.

APPEARANCES—

For Applicant Joseph T. Sibley, Jr.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(446-31-BZ)

WHEREAS, this application affecting premises northwest side of Brielle avenue, 1,780 ft. north of Rockland avenue (Block No. 955, part of Lot No. 1), (Seaview Hospital Farm Colony), Borough of Richmond, was granted by the board December 8, 1931, on certain conditions time to complete work extended November 9, 1932, and applicant requests a further extension of time.

Resolved, that the resolution adopted by the board on December 8, 1931, be and it hereby is amended, only so far as it has reference to obtaining permits and completion of work, so that as amended, this portion of the resolution will read:

"that all permits shall be obtained within six months and all work completed within eighteen months from the date of this amended resolution; that other than as amended herein, the resolution adopted December 8, 1931, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS

187-35-A.

APPELLANT—L. E. Driver, for New York Dock Company, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Pier No. 38, Clinton Wharf, Atlantic Basin, Brooklyn.

APPEARANCES—

For Appellant: L. E. Driver and C. E. Hicks.

ACTION OF BOARD—Laid over to July 16, 1935, at 2 p. m., pending inspection by a committee of the board.

328-33-A.

APPELLANT—Edward P. Doyle, for Joseph I. Girardi, owner.

SUBJECT—Application for restoration to calendar — re appeal from a decision of the commissioner of buildings (previously placed on reserve calendar)

PREMISES AFFECTED—4299 Boston road, west side. 283 31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

APPEARANCES—

For Appellant: Martin J. Ort.

ACTION OF BOARD—Appeal restored to calendar subject to usual procedure.

THE VOTE TO RESTORE TO CALENDAR—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

18-35-A.

APPELLANT—Clarence F. Kaltenbach against Benisch Bros., Inc., owner of premises affected.

SUBJECT—Appeal from a decision of the commissioner of buildings re Revocation of Certificate of Occupancy issued by the commissioner of buildings.

PREMISES AFFECTED—900-910 Jamaica avenue and 5-9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Brooklyn.

APPEARANCES—

For Appellant: Clarence F. Kaltenbach.

For Owner of Premises: John P. McGrath.

For Administration: None.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commissioners
Savage and Blum 3
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(18-35-A)

WHEREAS, Clarence F. Kaltenbach, neighboring property owner, against Benisch Bros., Inc., owner, filed, January 19, 1935, an appeal from a decision of the commissioner of buildings, refusing to revoke permits and certificates of occupancy affecting premises 900 to 910 Jamaica avenue and 5 to 9 Autumn avenue, southeast corner (Block No. 4108, part of Lot No. 4), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings, dated June 16, 1934, reads:

"In answer to your letter of June 11th, 1934, requesting the revocation of permit 11,680/33, for the erection of a gasoline station at 900-920 Jamaica avenue, Brooklyn, and permit 2845/34 for an office and four-car garage at 59 Autumn avenue, Brooklyn, I wish to state that your request cannot be granted.

"Your contention that Mr. McGrath, who made the application for a permit to erect the gasoline station at 900-920 Jamaica avenue was neither the owner nor lessee of the property in question, is not material, as an owner or lessee can be represented by any duly authorized individual.

"The accuracy or truthfulness of the statement as to whether the ground is vacant or occupied by buildings does not affect the question as to whether the applicant is entitled to a permit for a gasoline station. The only fact involved that is pertinent is the non-conforming use of premises prior to July 25, 1916.

"There is nothing in Section 6 of the Zone Resolution that prohibits the change of part of the premises from one prohibited use to another. It is not necessary to change the use of the entire plot

"Permit 2845/34 issued for four-car garage and office use and proposed installation of hydraulic lift is in conformity with Article II, Section 4(a) of the Zone Resolution. The fact that different house numbers and locations were used in obtaining each permit does not affect the legal questions involved."

and

WHEREAS, the decision of the commissioner of buildings dated December 27, 1934, reads:

"This will serve to acknowledge receipt of your letter dated December 24th, 1934.

"In reply thereto, I refer you to letter of June 16, 1934, addressed to you which contained my reasons for

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not revoking the certificate of occupancy referred to, even if I could.”;

and

WHEREAS, the premises consist of an L shaped lot, 100 feet, $3\frac{3}{8}$ inch frontage on Jamaica avenue, 194 feet, 3 inch frontage on Autumn avenue and 160 feet, $3\frac{1}{4}$ inch frontage on Lincoln avenue, located within a business use district along the Jamaica avenue frontage for a depth of 100 feet, the rest of the lot is within a residence district where several frame buildings are erected and used for monumental works (an existing use); three gasoline pumps are located on the front of the lot facing Jamaica avenue, an accessory building 45 feet by 30 feet divided into three compartments used for a lift, repair and office, located about 37 feet back of the pumps and within the business use district; and

WHEREAS, the appellant claims the commissioner of buildings issued building permit No. 11680 December 26, 1933, for the erection of a gasoline station upon the premises in question, and also building permit No. 2845, April 25, 1934, for the erection of a one-story office and auto storage for not more than four cars upon the same premises, then issued certificate of occupancy No. 73805, July 6, 1934, for the use as a gasoline station and also issued certificate of occupancy No. 73977 August 2, 1934, for the use as an office and auto storage for not more than four cars; evidently the address on each certificate of occupancy reading “part of Lot 4” was intended to indicate a different part of Lot 4 affected by each certificate; the installation of a gasoline station upon the premises in question within the business district constituted an additional prohibited use to another existing prohibited use, and not a change of an existing prohibited use to another prohibited use as claimed by the commissioner of buildings, that such installation was illegal and the commissioner of buildings acted in error in issuing the building permits and certificates of occupancy; that the original application for the erection of the gasoline station was filed by one John P. McGrath and not by the owner; certain statements in the application were untrue by noting the premises were “vacant ground, no buildings thereon” and “change of use is sought from monument and stone cutting works to a gas station” and “It is contemplated that the premises will be used in conjunction with a garage situated on the southwest corner of Jamaica avenue and Autumn avenue, so that the facilities afforded by the garage and office on the southwest corner may be available to patrons purchasing gasoline on the southeast corner” whereas, the appellant making this appeal is the owner of garage at southwest corner of Jamaica avenue and Autumn avenue and no such arrangements have been made; furthermore, the appellant contends that the building permits were obtained by fraud; that the installation of a gasoline station in a business district is contrary to the zone resolution and the building permits and certificate of occupancy should be revoked; and

WHEREAS, this appeal was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing, and which report follows:

REPORT OF COMMITTEE.

Cal. No. 18-35-A.

Premises—900-910 Jamaica avenue, 5-9 Autumn avenue, Brooklyn.

This is an appeal from the decision of the commissioner of buildings refusing to revoke certificates of occupancy No. 73805 and 73977.

The premises involved are in a district zoned for business uses at the southeast corner of Jamaica and Autumn avenues with a frontage on Jamaica avenue of approximately 100 feet and on Autumn avenue 95 feet. This plot is designated as Lot No. 4, Block No. 4108, and is part of a much larger area used and occupied as a monumental works since prior to the adoption of the zoning resolution. Monumental works are a non-conforming use in a business district but

can legally be continued under the regulations and limitations of Section 6 of the Zoning Resolution.

The owners desired to change the use of this plot from the use as monumental works to a gasoline service station. Unsuccessful before the Board of Estimate and Apportionment to bring about a change in the zoned use from business to unrestricted, an application was made to the commissioner of buildings to change the use to a gasoline station of the Jamaica avenue frontage for a depth of 75 feet, which was later amended to 55 feet. While this change was objected to by the examining engineer as being a use prohibited in a business use district, the objection was overruled and the permit was issued under Application No. 11680, approved December 28, 1933. No building was erected or altered on this portion of the plot. All that was involved was the substitution of one use which is non-conforming for premises in a business district for another such non-conforming use which had existed continuously since prior to 1916. On the balance of the plot with 40 feet frontage on Autumn avenue, a separate application was filed for an office building and a four-car garage. This, of itself, was a relinquishment of the non-conforming use on this 40 by 100 foot plot and the substitution of a permitted business use. This application No. 4025 was approved April 25, 1934. Certificate of Occupancy No. 73805 was issued July 6, 1934, for the Jamaica avenue portion as a gasoline station and No. 73977 on August 2, 1934, for the Autumn avenue portion as auto storage for not over four cars and office.

A committee of the board has inspected this site and finds that the entire plot is being used and operated as a gasoline station. The building is typical of the usual accessory building and office of a gasoline service station. The garage portion is used for greasing with a hydraulic lift installed, violation for which was issued in June, 1934. A supply of lubricating oils and grease is present. The arrangement of the building with the entrance to the garage portion facing Jamaica avenue indicates that the intent was to use it in conjunction with the Jamaica avenue portion, where the gasoline pumps and driveways are installed. The presence of a gasoline vent pipe carried up on the easterly wall of the office and garage building and signs advertising the sale of gasoline as shown on photograph all indicate clearly that the entire area 95 feet by 100 feet is a gasoline service station. As an indication that the department of buildings so regard it, the inspector's report to the bureau of combustibles, on which the latter issued a permit to store gasoline, describes the oil-selling station at 900-910 Jamaica avenue as having a one-story building, three (3) 1650-gallon tanks, sand pails, waste cans, extinguishers and signs and “storage,” this last evidently referring to the garage which, including the space occupied by the greasing lift, can accommodate but two cars.

It appears from the record that the approval of these plans was the subject of correspondence between the commissioner of buildings and the appellant for some months prior to the filing of this appeal, and attention was called to their claim that the condition being permitted was illegal. In the opinion of the committee it is legal where a large plot enjoys a non-conforming use, existing prior to July 25, 1916, to relinquish that use on a part of the plot and substitute therefor a use that is conforming. The commissioner of buildings was technically within the law in permitting an office building and four-car garage on the Autumn avenue plot 40 by 100 feet. He might have been justified in refusing the permit had he doubted the intent to use them legally. (See Monument Garage vs. Levy). This building and the premises 40 by 100 feet are being used illegally as they are part of a gasoline service station which is a

MINUTES

prohibited use in a business district and subject to the issuance of a violation.

The Jamaica avenue portion 100 feet by 55 feet is now used for a use prohibited in a business district in substitution for a former existing non-conforming use, also prohibited in a business district, existing prior to July 25, 1916, for another such use is legal under Section 6. While appearing to be prohibited under Paragraph A, it is clearly permitted under limitation 4 of Paragraph B, but only where no structural alterations are made. Here this part of the plot 100 feet by 55 feet was and is unbuilt upon. It is recommended that Certificate of Occupancy No. 73805 be corrected by describing the dimensions of the plot covered by the certificate, *i.e.*, approximately 100 feet frontage by 55 feet deep and that the reference to "height 1 stories" be eliminated therefrom as the certificate describes the premises as "vacant ground."

The committee recommends that the appeal be denied.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and
WHEREAS, this report recommended that the appeal be denied.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and the appeal be and it hereby is *denied*.

VARIATION OF LABOR LAW

141-35-S.

APPLICANT—Robert Teichman, for Estate of Mary A. Gordon, owner.

SUBJECT—Application for reopening—amendment — re Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—728-730 Sixth avenue and 56 West 24th street (Block No. 824, Lot No. 84), Manhattan.

APPEARANCES—

For Applicant: Robert Teichman.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock. Commissioners
Savage and Blum 3

Negative 0

Absent:: Assistant Chief Kidney 1

THE VOTE TO AMEND—

Affirmative: Chairman Murdock. Commissioners
Savage and Blum 3

Negative 0

Absent:: Assistant Chief Kidney 1

THE RESOLUTION—

(141-35-S)

WHEREAS, Robert Teichman, for Estate of Mary A. Gordon, owner, filed May 31, 1935, an application for a variation from the requirements of the labor law, as cited in an order and decision of the commissioner of buildings, affecting premises 728-730 Sixth avenue and 56 West 24th street (Block No. 824, Lot No. 84), Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated December 27, 1934, re Order No 18407-LD, reads:

"1. Enclose both interior stairways serving as a required means of exit and the landings, platforms and passageways connected therewith on all sides with partitions of fire resisting material extending continuously from the 1st story to three feet above the roof, constructed as per Section 271 of the Labor Law or carry out a proper alternative method of complying with the requirements of Section 271 of the Labor Law."

and

WHEREAS, the decision of the commissioner of buildings, dated May 17, 1935, reads:

"In reply to your recent letter in reference to Order 18407-LD pending against the above premises, you are advised that a recent inspection shows a reduction in the total occupancy but as the building exceeds 5 stories in height and has more than 6 persons at factory work, the Labor Law requires the order to be complied with."

and

WHEREAS, the building is non-fireproof, 6 stories (74 feet) in height, 37 feet 1½ inches by 95 feet and 21 feet 6 inches by 24 feet 8 inches in area; OCCUPIED: Cellar—storage; 1st story—restaurant—50 persons; 2nd story—club—15 persons; 3rd and 4th stories—picture frame factory—5 persons each story; 5th story—curtain factory—10 persons; 6th story—lamp shade factory—14 persons; located within an unrestricted district; EQUIPPED with a fire alarm signal system; EXITS: Two interior wooden stairways, extending from the 1st story to roof, enclosed in wood and metal lath and plaster partitions with fireproof doors at openings; a substandard fire escape on the 24th street front of the building, having non-fireproof openings along the course thereof, extending from the second story to the top story with sliding drop ladder from second story balcony to sidewalks; ROOFS OF ADJOINING BUILDINGS: 30 feet lower at north; the same level at south; and

WHEREAS, the applicant claims the building was erected in 1911 and occupied as a tenant factory since erection, no certificate of occupancy has been issued; under Alt. No. 440 of 1912 for the purpose of changing the location of fire escapes, an objection was made by the examiner which required the interior stairhalls enclosed with 6 inch terra cotta blocks and angle iron framing, such requirement was waived by the superintendent of buildings; thereafter the Labor Department issued an order to extend the two interior stairways to the roof; under Alt. No. 1930 of 1915 the order was complied with by erecting bulkheads above the roof, brick filled and metal covered; the work was approved and accepted by the superintendent of buildings; no violations have been filed affecting the stairhalls since 1915 until the order of 1934, from which this application is being made; the applicant contends that under the above conditions compliance with the order would be an extreme hardship; furthermore that the present exits are adequate; and

WHEREAS, this application was granted by the board at its meeting June 18, 1935, and applicant requested an amendment of the resolution as to construction of the partitions of stairhall.

Resolved, that the resolution adopted by the board on June 18, 1935, be and it hereby is *amended*, to read as follows:

WHEREAS, this building was under the supervision of the Labor Department from 1913 to 1916 and conditions cited were existing at that time; and

WHEREAS, the Labor Department in passing on the stairway enclosure ordered the bulkheads to be erected over each stairway to permit exit to the roof.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the requirements of the Labor Law as cited in order of the commissioner of buildings No. 18407-LD, and the application be and it hereby is *granted* as to fire protection of the existing stairways provided the doors are fireproof and the occupancy per floor shall not exceed 60 persons; and that the building otherwise shall comply with the requirements of the Labor Law and other rules and regulations applicable thereto.

APPLIANCES SUBMITTED FOR APPROVAL.

171-35-SA.

APPLICANT—Flornece Stove Company, owner.

SUBJECT—Florence Cabinet Heaters, Models CJ-1, CJ-2, CJ-21 and C-2, approval of.

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APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

172-35-SA.

APPLICANT—Florence Stove Company, owner.

SUBJECT—Florence Oil Space Heaters, Models PH-28 and PH-8, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

175-35-SA.

APPLICANT—National Transit Pump & Machine Company, owner.

SUBJECT—National Transit Rotary Pump, for gasoline and fuel oil, approval of.

APPEARANCES—

For Applicant: Charles A. Swartz and B. M. Staley.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

177-35-SA.

APPLICANT—J. A. Flynn, for Todd Combustion Equipment, Inc., owner.

SUBJECT—Todd Mechanical Oil Burner, Type Hex-Press, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

178-35-SA.

APPLICANT—David Kaufman, for The Gould Oil Burner Co., owner.

SUBJECT—Gould Automatic Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

179-35-SA.

APPLICANT—Preferred Utilities Company, for Lonergan Mfg. Co., owner.

SUBJECT—Lonergan Automatic Hot Water Heater, with tank, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

180-35-SA.

APPLICANT—Benjamin Wetstone, for Majestic Oil Burner Co., owner.

SUBJECT—Majestic Range Oil Burner, Models 27B and 27T, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

181-35-SA.

APPLICANT—Benjamin Wetstone, for Majestic Oil Burner Co.

SUBJECT—Majestic Space Heater, Models 247T and 248, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

182-35-SA.

APPLICANT—Benjamin Wetstone, for Majestic Oil Burner Co., owner.

SUBJECT—Majestic Water Heater, Models 255A and 255B, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

349-33-SA.

APPLICANT—Herco Oil Burner Corp., owner.

SUBJECT—Herco Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(349-33-SA)

WHEREAS, the Herco Oil Burner Corp., owner, filed, December 20, 1933, an application for approval of their device known as the Herco Oil Burner; and

WHEREAS, no arrangements were made by the applicant for a test of this burner, though due notice was given by the fire department and the engineer of the board.

Resolved, that the application be and it hereby is *dismissed* for lack of prosecution.

600-31-SA.

APPLICANT—Brooklyn Domestic Engineering Corp., for Eastern Oil Equipment, Inc., owner.

SUBJECT—Prize Automatic Oil Burner, Models A, B and C—Application for reopening—change of name.

APPEARANCES—

For Applicant: Louis C. Ziegler, Max Litt and Benjamin Litt.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(601-31-SA)

WHEREAS, Brooklyn Domestic Engineering Corp., for Eastern Oil Equipment, Inc., owner, filed December 17, 1931, a petition with the Board of Standards and Appeals for approval of device known as the Eastern Oil Automatic Oil Burner, Models A, B and C; and

WHEREAS, this device was submitted to the fire department for test and report, and the report of the acting chief of the bureau of fire prevention, dated March 5, 1932, recommends the approval of the device; and

MINUTES

WHEREAS, the report of the acting chief of the bureau of fire prevention was substantially as follows:

"The burner is of the mechanical draft gun, pressure atomizing type with pump and blower unit, 1/16 H.P. electric motor, Tuthill rotary pumps and blower in one shaft, strainer, needle valve, pressure and oil regulating valves. Nozzle electrodes and approved electrical controls connected in series.

Oil Supply—Taken from storage tank through strainer, thence to approved rotary pump to and through oil regulating valve through needle valve to nozzle where oil is atomized and discharged.

Standard pipes and fittings used.

Ignition—Electric.

Safety controls—Time-start stack switch located in smoke pipe from boiler and connected in series with other controls and oil pump so arranged and set that it will automatically cut out pump and flow of oil to burner in the event of delay or failure of ignition.

Time-o-Stat aquastat located in boiler so arranged and set that when temperature of 16 deg. is obtained it will operate and cut out pump and flow of oil to burner.

All tests satisfactory.

It is recommended that the approval be granted for the Easternoil Automatic Oil Burners, Models A, B and C, for domestic and commercial use when installed in accordance with the fuel oil rules; and

WHEREAS, this device was approved by the Underwriters Laboratories for use with oil not heavier than No. 3, Guide No. 300-10-4, File No. M.P. 591; and

WHEREAS, this device, Models A, B and C, was approved by the board March 15, 1932, for use in domestic and commercial installations when installed in accordance with above report and the rules of the Board of Standards and Appeals and the petitioner requests a change of name from Easternoil Automatic Oil Burner, Models A, B and C, to Prize Automatic Oil Burner, Models A, B and C; and

WHEREAS, this application was amended May 29, 1934, to permit the change of name to Prize Oil Burner, Models A, B and C, and applicant requested the restoration of the name Easternoil Automatic Oil Burner, Models A, B and C.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of May 29, 1934, so that as amended it shall read:

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Easternoil Automatic Oil Burner and also as the Prize Oil Burner, Models A, B and C, as originally approved by the board on March 15, 1932, under the name of the Easternoil Automatic Oil Burner and permitting the use of this burner under either name, when used with fuel oil not heavier than No. 3 and when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals, *on condition* that under whichever name marketed the device shall bear a label of the decalcomania or metal label type reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 600-31-SA.

136-34-SA.

APPLICANT—John C. Korth, for Carter-Korth Oil Burner Corp., owner.

SUBJECT—Korth Oil Burner, Model G—Application for reopening—change of name.

APPEARANCES—

For Applicant: Arnold Eckhardt.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(136-34-SA)

WHEREAS, John C. Korth, for Carter-Korth Oil Burner Corp., owner, filed May 21, 1934, a petition with the Board of Standards and Appeals, for approval of the device known as the Korth Oil Burner, Model G; and

WHEREAS, this device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the mechanical draft pressure atomizing gun type, and consists of the following parts: A General Electric transformer and General Electric motor 1/6 horsepower; A Tuthill pump; a Detroit lubricator valve and strainer. The fan is of the Sirrocco type, manufactured by the Champion Blower Company. The nozzle used is manufactured by the Baloffet Diamond Wire Die Company. Controls—a Mercoide Pyrotherm Model KM-1, located in the stack and the Mercoide limit control for the steam pressure.

With a cold combustion chamber and the oil supply shut off the burner was operated and on two successive tests, the controls shut down the burner in 60 seconds, and 63 seconds, respectively. The oil supply was then turned on, and the burner put into operation and observed for about 20 minutes. During the period of the test there was no puff backs due to faulty ignition, and the flame was observed to be free of soot and smoke. Examination of the combustion chamber showed no undue carbon formation.

It is therefore recommended that the Korth Oil Burner, Model G, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals, be approved for domestic, commercial and industrial use, with fuel oil not heavier than No. 3. The device has been approved by the underwriters laboratories; and

WHEREAS, this device was approved by the board January 22, 1935, on certain conditions and applicant requested an amendment to the resolution so as to include the name Supreme Burner, Model G.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of January 22, 1935, so that as amended it shall read:

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Korth Oil Burner, Model G, for domestic, commercial and industrial use, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and when used with fuel oil not heavier than No. 3; that this burner may also be marketed under the name of Supreme Burner, Model G, *on condition* that under whichever name marketed the device shall bear a label of the decalcomania or metal label type reading as follows:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 136-34-SA.

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584-31-SA.

APPLICANT—Fairfield Oil Heating Co., Inc., owner.
SUBJECT—Fairfield Oil Burner, Model F—application for reopening—change of name.

APPEARANCES—

For Applicant: Austin Fales.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(584-31-SA)

WHEREAS, Fairfield Oil Heating Co., owner, filed, December 7, 1931, an application with the Board of Standards and Appeals for approval of their device known as the Fairfield Oil Burner, Model F; and

WHEREAS, this device was approved by the board March 15, 1932, on certain conditions and applicant requested an amendment of the resolution to include the name Universal Oil Burner, Model F.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of March 15, 1932, so that as amended it shall read:

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Fairfield Oil Burner, Model F, for use in commercial and domestic installations, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and when used with oil not heavier than No. 3; that this burner may also be marketed under the name of Universal Oil Burner, Model F, when complying with the above requirements, on condition that under whichever name marketed the burner shall carry a permanently affixed label of the decalcomania or metal type reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 584-31-SA.

102-35-SA.

APPLICANT—David Kaufman, for Autopulse Corp., owner.

SUBJECT—Range-O-Matic Oil Pump, Model No. 50 and Suction Model, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(102-35-SA)

WHEREAS, David Kaufman, for Auto Pulse Corp., owner, filed, May 16, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Range-O-Matic Oil Pump, Model 50 and Suction Model; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The pump is of the rotary valve type and the float is operated by 24 volts. This voltage is obtained by means of mounting a transformer over the pump which cuts down the regular house line of 110 volts to 24 volts.

In the pressure type pump, the pump is located directly over the tank and delivers the oil to a reservoir mounted on the wall. Located in the electrical circuit of the motor is a fusetron of 1½ amperes which, in case of a break in the oil line, blows out, due to the excessive load which is thrown upon the motor of the pump. This oil reservoir is mounted on the wall above the burner and has three openings in it, one from the pump, an overflow line to the tank and a feed line to the burner.

Suction type: This type pump operates in principle the same as the above mentioned pump, with the following exception:

It has two compartments, one housing a motor-driven pump and float operated toggle switch. In series with the motor there is a lock-out switch consisting of a bimetal strip heating element which breaks the motor circuit and shuts the pump down if it operates continuously and the switch must be reset manually.

The other compartment serves as a constant level device, being provided with a float operated valve which functions to limit the flow of oil delivered from the pump compartment, maintaining a constant level in the second compartment. If a break occurs in the line from the pump to the burner the overload on the motors heats the bitherminal element which, in turn, breaks the circuit.

These pumps are designed for use with gravity feed oil burners having a consumption of not more than two gallons per hour. We examined the pumps and tested them and found, in all cases, that with the fuestron and bitherminal strip when a leak occurred in the discharge line from the pump, operated and shut the pump down.

The fuestrons blow out on three successive tests in 49, 51, and 53 seconds. The bitherminal control shut down the pump in 18, 21 and 18 seconds. Fusetrans equipped with a special thread which prevents the use of ordinary fuses.

Pressure Model is designed for use with range oil burners and under the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, this manner of supplying range oil burners is not permissible. Therefore, this pump cannot be recommended for approval.

As the result of these tests of the pumps, it is recommended to the board that Range-O-Matic Oil Pumps, Model No. 50 and Suction Model, be approved, when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, for fuel oil not heavier than No. 2.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Range-O-Matic Oil Pump, Model No. 50 and Suction Model, for use in fuel oil installations when installed in accordance with the above report and with the oil burner rules of the Board of Standards and Appeals on condition that there shall be permanently attached to each pump installed a label reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 102-35-SA.

Adjourned, 5:00 p. m.

EDWARD V. BARTON, Chief Clerk.

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* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, June 25, 1935, as they appeared in the Bulletin No. 27, Vol. XX, are hereby corrected to read as follows:

524-31-BZ.

APPLICANT—J. Nelson Cooper, President and Fellows of Harvard College, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a business building for retail purposes.

PREMISES AFFECTED—2332-2340 Grand Concourse and boulevard, 2331-2345 Ryer avenue and 244 Field place (Block No. 3159, Lot Nos. 13, 14, 15, 19 and 23), The Bronx.

APPEARANCES—

For Applicant: J. Nelson Cooper.

ACTION OF BOARD—Application reopened and time extended.

* *Correction*—Votes corrected to read:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief -
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(524-31-BZ)

WHEREAS, this application affecting premises 2332-2340 Grand Concourse and boulevard, 2331-2345 Ryer avenue and 244 Field place (Block No. 3159, Lot Nos. 13, 14, 15, 19 and 23), Borough of The Bronx, was granted by the board January 26, 1932, on certain conditions, time extended from time to time and applicant requests a further extension of time.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on January 26, 1932, only so far as it has reference to obtaining permits and completion of work, so that as amended that portion of the resolution shall read:

"... that all permits shall be obtained within six months and all work shall be completed within one year from the date of this amended resolution *on condition* that other than as amended herein the resolution adopted by the board on January 26, 1932, shall be complied with in all respects."

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

<i>Name of Pump</i>	<i>Calendar No.</i>	<i>Name of Pump</i>	<i>Calendar No.</i>
American Marsh Duplex	638-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
American Marsh Simplex	639-25-SA	M. D. Rotary	52-27-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Monroe Oil Pump	658-26-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Northern Rotary	1396-24-SA
Beach Russ Co. Rotary	1134-22-SA	Pascoe Pump Set	1029-26-SA
Blackmer Rotary	935-24-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Quiet May Gerotor Pump	267-32-SA
Century Rotary	908-21-SA	Quimby Screw Pump	1193-21-SA
Cook Electric Oil Pump	603-25-SA	Range-O-Matic Oil Pump, Pressure and Suc- tion Model	102-35-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA
Marsh Fuel Oil Pump	1050-23-SA		

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Rules of Procedure of the Board of Standards and Appeals Adopted February 15, 1927, Amended December 2, 1930, April 14, 1931, June 13, 1933 and Revised April 30, 1935.

(89-27-SR)

ARTICLE I—PUBLIC HEARING.

1. Regular sessions designated as public hearings of the Board of Standards and Appeals shall be held on Tuesday of each week at 10 A. M. and 2 P. M., and such additional sessions on days to be set by the board as may be deemed necessary to facilitate the work of the board.

2. Sessions shall be devoted to hearings on applications for variations of the Building Zone Resolution; appeals from administrative orders; applications for variation of the Labor Law; approval of appliances and materials and consideration of Rules, as such sessions are published in the Bulletin of the Board of Standards and Appeals.

3. Special sessions may be called by the Chairman, or at the request of three members, provided that notice of the same has been mailed to each member at least twenty-four hours before the time set, except that the announcement of a special session at any session at which a quorum is present shall be sufficient notice.

4. All hearing sessions shall be open to the public.

5. A quorum of the Board of Standards and Appeals shall consist of three members.

6. The members of the Board shall attend sessions in person, except that during absence or disability a substitute may act, as provided by law under section 718 of the Charter as amended by Local Law No. 13 of 1925. The names of such substitutes, designated by the Mayor, shall have been previously filed with the Chairman.

ARTICLE II—CASES BEFORE THE BOARD.

1. Every application under the Building Zone Resolution, every appeal under section 719 of the Charter and every application under section 718a, subdivision 4, of the Charter, shall be made to the Board on the forms provided, and shall include the data required in such forms so as to supply all information necessary for a clear understanding by the Board and its staff. The statements of essential information made by the applicant and the determination of the Board in each case will be incorporated in a resolution formally adopted and published in the Bulletin of the Board. Officials, who are charged with the enforcement of the laws, ordinances and rules relating to buildings in the City of New York will be bound by such resolutions, and, before granting permit or taking any other affirmative action, should see that there are no misstatements as to facts and that the conditions of the resolution are observed. Any administrative official discovering any misstatement of essential information is requested to notify the Board, in order that it may take such action as the circumstances require. All approvals shall remain valid only as long as the information and the conditions on which the resolution was based are maintained.

2. Any communication purporting to be an application or appeal shall be regarded as a mere notice of intention to seek relief and shall be of no force or effect until it is made in the form required except as provided in Art. VI.

3. Upon receipt of any such communication, the writer shall be supplied with the proper forms for presenting his application or appeal and he shall be required to file the proper form and furnish all necessary data within thirty days of the date of the order or decision appealed from except as provided in Art. VI.

4. The duplicate of each application or appeal required by this article shall be forwarded to the administrative official whose order or determination is appealed from.

5. At the public hearing of a case before the Board, the applicant shall first present the argument in support of the case and those in objection shall follow. To maintain orderly procedure, each side shall proceed without interruption by the other.

6. Every person before the rostrum shall abide by the order and direction of the Chairman. Discourteous or disorderly conduct shall be regarded as a breach of his privileges and shall be dealt with as the Chairman deems proper. Orders to maintain discipline shall be carried out by the Sergeant-at-Arms.

Subject to the direction of the Chairman, the Chief Clerk shall enforce the rules of the Board and shall direct and supervise the Sergeant-at-Arms in maintaining order and decorum in the hearing room and lobbies during all public hearings.

7. No member shall proceed to question or discuss an issue, put a motion or offer a resolution until he shall have addressed the Chairman and shall have been recognized by him. While the Chairman is putting a motion or offering a resolution, or during the progress of a roll call, no member shall interrupt or leave his seat. When a motion to adjourn is carried, the members of the Board shall keep their seats until the Chairman declares the meeting adjourned.

ARTICLE III—THE CALENDAR.

1. Each case filed in the proper form, with the required data, shall be numbered serially. These Calendar numbers shall begin anew on January 1st of each year, and shall be hyphenated with the number of the year and the initials indicating the character of the case.

2. As soon as a case receives a calendar number, it shall be placed on the Docket. Thereafter the applicant shall be notified of the date his case will be set for public hearing. In building zone applications the applicant shall be notified of the date when his case will be reached in the call of the Clerk's Calendar.

3. The Clerk's Calendar Call shall be called each Monday at 2 P. M. in Room 1013, Municipal Building, Manhattan, by the Chairman or by a member of the staff detailed to such duty by the Chairman, and a date for the public hearing of each application for variation of the Building Zone Resolution shall then be set, which shall be full and sufficient notice to all persons interested in such case.

4. Thereafter each case shall be listed, by Calendar number and premises, in the Hearing Calendar printed in the Bulletin of the Board, under the title of the respective proceedings, and the date for which such case has been set.

ARTICLE IV—DISPOSITION OF CASES.

1. The final determination of any application or appeal before the Board shall be in the form of a resolution either reversing, varying or modifying the order, requirement, decision or determination appealed from and granting the application or appeal or affirming the order and denying the application or appeal or dismissing the application or appeal for lack of jurisdiction or prosecution. The concurring vote of three members shall be necessary to a decision. If a resolution fail to receive three votes in favor of the applicant, the action will be deemed equivalent to a denial and a resolution denying such application or appeal shall be formally entered on the record unless there be a member absent at the roll call and the vote of the absentee added to the number of votes for the applicant would equal three, in which case the matter will be laid over for consideration and final determination.

2. Any applicant may withdraw his application or appeal at any time prior to action thereon, with the consent of the Board, but if a motion has been made, and is pending, either to grant or to dismiss, such motion shall have precedence.

3. No application dismissed or denied can be considered again except (1) on a motion to reconsider the vote, or (2) on a request to restore to the calendar.

4. No request to grant a rehearing can be entertained

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unless substantial new evidence is submitted. If, on motion of a member of the Board, adopted by three affirmative votes, the request is granted, the case shall be put on the calendar for a rehearing.

In all cases the request for rehearing shall be in writing, reciting the reasons for the request, and shall be accompanied by the necessary data and diagrams. Such request shall be filed with the Chairman. The Chairman may then set a date when the request for restoration to the calendar shall be submitted to the Board, of which date the person making the request shall be notified.

5. The Board may, on the motion of any member, review any decision that it has made and may reverse or modify such decision, but no such review shall prejudice the rights of any person who has in good faith acted thereon before it is reversed or modified.

ARTICLE V—BUILDING ZONE APPLICATIONS

1. No application for a variation or modification of the provisions of the Building Zone Resolution shall be entertained by the Board except in a specific case, and from an order, requirement decision or determination made by any Commissioner of Buildings or the Tenement House Commissioner, on the ground that the proposed plan or use violates the Building Zone Resolution.

2. No such application shall be entertained unless the application is filed within thirty days from the date of the action of the Commissioner of Buildings or the Tenement House Commissioner.

3. Every application shall be made on Form 3BZ and shall be accompanied by all the data required by such form, and shall be considered subject to such rules as the Board has adopted or may adopt under Article 5, Section 21 of the Building Zone Resolution.

4. As soon as any application is completed by the filing of the data required in Form 3BZ, the case shall receive a calendar number and shall be placed on the Clerk's Calendar, and the applicant shall be notified by the Board on Form 6CC of the time set for the call of the calendar, which shall be at least ten days after the mailing of said notice. With this notice the applicant shall be supplied with an official copy of Form 7NO, which he is required to send to every property owner entitled to notice of the application. Within three days the applicant must file a verified statement that he has so notified each of such property owners either by personal service or by registered mail. Not less than fourteen days' notice of the date fixed for calendar call in each Building Zone application shall be given by publication in the Bulletin of the Board.

5. On the call of the Clerk's Calendar the applicant shall appear in person, or by agent or attorney, and property owners affected by the application may appear either in person or by agent or attorney and present written objections they may have to the granting of the application, together with a description of their property and an affidavit of ownership. Then a date shall be set for a public hearing on the application at the earliest available date thereafter. Notice of said hearing shall be given by publication in the Bulletin of the Board.

6. On the date set for the public hearing, the applicant shall state his case, then the opposition shall be heard, and both shall have an opportunity for rebuttal.

7. Any application that has been denied after a public hearing cannot be reheard except on new material facts or a different section of the Building Zone Resolution.

ARTICLE VI—APPEALS.

1. No appeal from any order, requirement, decision or determination of the Commissioner of Buildings or the Board of Buildings or the Fire Chief and Commissioner or from any rule or regulation relating to the construction, alteration, structural changes in equipment, occupancy or use of any building or structure, under Section 719 of the

Charter, shall be entertained unless such appeal is filed on Form 1A, with all the data required in such form, within thirty days from the date of the order appealed from except that minor appeals from orders or decisions may be filed on form 1A accompanied by a written description of the premises and a copy of the order or decision. What constitutes minor appeals from orders or decisions shall be determined by the Chairman.

ARTICLE VII—LABOR LAW VARIATIONS, ETC.

1. No application for variation of the Labor Law, or of any rule adopted thereunder affecting the construction or alteration of buildings, exits therefrom, the installation of fixtures or apparatus as authorized by Section 718a, subdivision 4 of the Charter, shall be entertained unless it is made on Form 2S, with all the data required in such form, within thirty days from the date of the administrative order.

No application for approval of a device, material or method of construction shall be entertained unless it is filed on Form 4SA, with all the data required.

No application for the adoption or amendment of Rules shall be entertained unless the application is made in writing.

ARTICLE VIII—ADOPTION OF RULES.

1. No resolution of the Board of Standards and Appeals adopting or amending any rule or regulation under subdivisions 2 or 3 of section 718-a of the Charter or any other law shall be adopted unless such proposed rule or regulation shall have been published in the Bulletin of the Board for at least ten days prior to a public hearing thereon. Three affirmative votes of the Board shall be necessary for the adoption of such resolution.

2. Amendments to these Rules of Procedure may be made by the Board of Standards and Appeals at any regular session, providing notice of such amendment has been given to each member of the Board three days prior to such session, either in writing or by publication in the Bulletin. Any rule of procedure may be suspended at any session by the concurring vote of three members.

ARTICLE IX—OTHER RESOLUTIONS.

1. Every resolution of the Board of Standards and Appeals suggesting changes or amendments to the law under subdivision 5, section 718-a of the Charter and every resolution not otherwise provided for shall require at least three affirmative votes for its adoption.

ARTICLE X—INSPECTIONS.

1. In any case in which the Board may deem it necessary, an inspection of the premises in question may be ordered by the Board. Such inspection shall be made by the Chairman and by two or more members designated by him, and they shall report their findings to the Board.

ARTICLE XI—TESTS.

1. In any case in which the Board may order a test of any material or device, such test shall be conducted according to the rules adopted by the Board for the use of such material or device. Test shall be conducted under the supervision of an Assistant Engineer and/or in the presence of such member or members of the Board or staff as the Chairman may designate, or in lieu of the above, tests may be made of material and devices by a recognized standard testing laboratory, city or state department, but the Board reserves the right to be present at such test. The result of such test shall be reported to the Board in writing. Three affirmative votes of the Board shall be necessary for the approval of the use of such material or device.

ARTICLE XII—RECORDS.

1. All applications and appeals shall be on the required forms, and all communications, reports, etc., relative to any matter appearing on the calendar, shall be on sheets approximately 8½ in. by 11 in. in size. Plans shall be on sheets 8½ in. by 11 in. or multiples thereof unless otherwise ap-

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proved by the Chairman. After final disposition, all applications and appeals and other papers appertaining thereto shall be suitably bound and indexed and filed numerically in cabinets. All applications and appeals shall upon application to the clerk in charge be accessible to the public at all reasonable hours.

ARTICLE XIII—THE BULLETIN.

1. The Bulletin of the Board of Standards and Appeals shall be published on Tuesday of each week. It shall contain:

- (1) Directory of the Board.
- (2) Docket.
- (3) Clerk's Calendar Call.
- (4) The Hearing Calendar.
- (5) Notice of hearing on building zone applications and on proposed rules or the amendment of rules.
- (6) An abstract of the minutes of each meeting, including a brief statement of the action in each case, with the roll call thereon and the full text of the resolutions adopted.
- (7) Rules adopted.
- (8) Such other information as may be of value to the public and within the scope of the work of the Board.

2. The preparation and editing of material for the bulletin shall be in charge of such members of the staff as the Chairman shall designate.

ARTICLE XIV—OFFICERS.

1. The Chairman shall preside at all sessions. The Chairman may designate any member of the Board to preside and perform the duties of the Chair at public sessions.

2. The Chairman, subject to these rules, shall decide all points of order or procedure, unless otherwise directed by a

majority of the Board in session at that time.

3. The Chairman shall designate the members of the Board to make an inspection, and, unless otherwise directed by the vote of three members of the Board, shall appoint any committee that may be deemed necessary.

4. The Chairman shall report at each session on all pertinent official transactions that do not otherwise come to the attention of the Board.

5. Administrative authority is vested solely in the Chairman of the Board who shall, subject to these rules, transact all official business of the Board, engage the necessary employees and direct the work of the office. Official correspondence shall be signed by the Chairman and by such members of the staff as the Chairman may designate.

6. Subject to these rules and the direction of the Chairman, the Chief Clerk shall have charge of all accounts and see that the files and indices are kept in proper order and up to date, and generally supervise the clerical work of the office force, maintaining discipline in accordance with the rules of the office and charter provisions.

7. Subject to these rules and the direction of the Chairman, the Assistant Engineers shall examine and report on all applications or appeals, prepare all proposed rules or revised rules suggested with report on the reasons and necessity for same; supervise and witness the tests conducted under the auspices of the Board, and assist generally in all technical matters coming before the Board.

8. A complete stenographic record of the transactions at public sessions shall be made for the files, including verbatim transcripts of such parts as may be directed, and there shall be prepared, after each meeting and in time for the next publication of the Bulletin, the abstract of the minutes which is to appear in such Bulletin.

APPROVED APPLIANCES

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Crocker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Crocker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

APPROVED APPLIANCES

Burners for Domestic and Commercial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A. B. C. Oil Burner.....	1295-24-SA	Electrol Automatic Oil Burner and Models BB, C and EA.....	259-25-SA
A. B. C. Oil Burner, Type H.....	684-29-SA	Ember-Glo Oil Burner.....	462-32-SA
Acme Oil Burner, Models BO-1 and BO-2	132-34-SA	Enterprise Rotary Fuel Oil Burner.....	1149-27-SA
Aetna Automatic Oil Burner.....	1547-23-SA	Enterprise Steam Atomizing Burner.....	15-33-SA
Air-Blast Oil Burner.....	579-32-SA	Enterprise Type Junior "W" Oil Burner, Models 1, 2 and 3.....	225-32-SA
Alladin Oil Burner.....	298-26-SA	Espo Oil Gas Burner.....	1431-23-SA
Alexander Oil Burner.....	65-28-SA	Evenheet Oil Burner.....	554-32-SA
Alida Oil Burner.....	124-34-SA	Everedy Oil Burner.....	102-33-SA
American Blue Flame and Sun Flame Oil Burning Heaters, Models No. 73, 86, 88, 92, 93, 94, 95 and 96.....	298-33-SA	Fairfield Oil Burner.....	584-31-SA
Arcoil Heat Machine.....	632-26-SA	Faultless Oil Burner.....	493-24-SA
Auto-Heat Oil Burner.....	284-33-SA	Fluid Heat Domestic Oil Burner, Type O	1094-27-SA
Autocrat Oil Burner, Model B-1.....	297-31-SA	Fluid Heat (Gun Type) Oil Burner, Model P.	134-35-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Fluid Heat Oil Burner.....	361-32-SA
Baker Automatic House Heating Burner	1323-22-SA	Forsdraft Oil Burner.....	41-34-SA
Baker Oil Burner, Model L, Gun Type	404-29-SA	Foster Oil Burner.....	715-26-SA
Ballard Baby Grand Oil Burner.....	447-32-SA	Franklin Domestic Oil Burner.....	560-26-SA
Ballard Super Domestic Oil Burner.....	939-24-SA	Freeport-Silent Service Oil Burner, Models 5, 10 and 30.....	97-33-SA
Bayard Domestic Fuel Oil Burner.....	1184-22-SA	Fuelo Oil Burner.....	47-30-SA
Berggren Oil Burner.....	764-26-SA	Gar Wood Oil Burner.....	373-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	Gar Wood Oil Burner, Models K and K-3500	481-32-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	General Electric Fuel Oil Burner.....	434-32-SA
Bettendorf High Pressure Oil Burner....	479-31-SA	General Electric Oil Burner, Type DA-2..	228-33-SA
Bettendorf Oil Burner.....	731-28-SA	Ghapco Steam Generator.....	348-31-SA
Bettendorf Oil Burner, Model H.B.....	498-32-SA	Gilbarco Industrial Burner.....	350-32-SA
Bock Oil Burner, Models A, B, C and D	123-31-SA	Gilbert & Barker Flexible Flame Burner..	109-31-SA
Bock Oil Burning Water Heater.....	102-34-SA	Gilbert & Barker Junior Flexible Flame Domestic Oil Burner.....	520-31-SA
Braden Automatic Fuel Oil Burner.....	322-30-SA	Gilbert & Barker Oil Burner, Model S-1..	282-33-SA
Branford Oil Burner.....	36-31-SA	Gill Oil Burner	1231-23-SA
Branford Oil Burner, Model "A".....	461-32-SA	Gold Star Oil Burner, Models F and S.....	166-33-SA
Brighton Oil Burner.....	372-33-SA	Goodrich Oil Burner, Models G-O, G-1, G-2 and G-3	441-31-SA
Bullet Automatic Oil Burners, Models A and B.....	195-33-SA	Goodspeed Automatic Oil Burner.....	957-27-SA
Caloroil Burner, Type AA.....	1361-24-SA	Goodspeed Oil Burner, Nozzle Type 2....	346-33-SA
Camel Automatic Oil Burner, Model 30, Types A, B and C and Models J and A.S.	229-32-SA	Grant Oil Burner.....	382-26-SA
Carboradiant Oil Burner, Models V & VS	16-31-SA	Grant Oil Burner, Model "C".....	232-32-SA
Carboradiant Oil Burner, Model VSS....	49-32-SA	Hardinge Oil Burner.....	813-25-SA
Carborundum Burner	571-29-SA	Hardinge Oil Burner, Model 23.....	33-33-SA
Carter-Korth Oil Burner, Model "P"....	389-32-SA	Harris Fuel Oil Burner.....	690-30-SA
Carter-Korth Oil Burner	54-30-SA	Hart Automatic Oil Burner.....	1162-24-SA
Carter Oil Burner, Models 4X and 5X....	117-34-SA	Hart Automatic Oil Burner, Model Series "DO"	595-29-SA
Century Oil Burner	157-28-SA	Hart Oil Burner, Model "H"	221-33-SA
Challenger Kleen Heat Burner, Series No. 100	813-28-SA	Hayward Oil Burner	696-30-SA
Challenger Oil Burner, Model "A".....	86-34-SA	Hayward Oil Burner, Model 2000.....	118-35-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Heat King Oil Burner, Model 2.....	98-35-SA
Commonwealth Automatic Oil Burner.....	348-28-SA	Heatiator Oil Burner.....	1346-23-SA
Concord Burner	108-35-SA	Heil Combustion Fuel Oil Burner.....	1105-22-SA
Cook's Automatic Oil Burner.....	955-27-SA	Heil Combustion Fuel Oil Burner, Type B	295-29-SA
Cope-Swift Safety Automatic Oil Burner..	354-31-SA	Hercules Oil Burner.....	510-29-SA
Crescent Oil Burner.....	222-29-SA	Hercules Oil Burner, Models H and HF..	309-33-SA
Crescent Type M Size I Oil Burner and Models 8, 18 and 28.....	592-31-SA	Hercules Oil Burner, Models M 1200 and M 1800	486-32-SA
Crown Oil Burner, Type XA.....	426-29-SA	Holby Type A Fuel Oil Burner.....	688-29-SA
Crystal Blue Flame Oil Burner.....	423-29-SA	Holland Type "F" Oil Burner.....	237-34-SA
Dahl Vaporizing Oil Burner.....	915-26-SA	Homer Domestic Oil Burner.....	1211-25-SA
D'Elia Oil Burner.....	155-31-SA	Hupp Oil Burner, Models H, U, P and PP..	10-34-SA
Delco Heat Oil Burner.....	420-31-SA	Improved Kres-Kno Oil Burner and Model MD	591-29-SA
DeWalt Oil Burner.....	541-31-SA	Inferno Oil Burner.....	82-33-SA
Dist-o-matic Oil Burner.....	663-28-SA	International Mechanical Draft Oil Burner	372-30-SA
Doe Oil Burner.....	317-31-SA	International Oil Burner.....	1305-24-SA
Doherty Oil Burner.....	943-26-SA	Jacobsen Balanced Oil Burner, (Model V-1)	333-33-SA
Easternoil Automatic Oil Burner, Models A, B and C	600-31-SA	Johnson Improved Rotary Fuel Oil Burner	938-22-SA
Economy Oil Burner, Type A-1.....	45-31-SA	Joyce Oil Burner.....	852-26-SA
Eisler Automatic Oil Burner.....	481-27-SA		
Elec-tro-matic Oil Burner, Type 151.....	125-33-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
K. F. C. Oil Burner.....	846-25-SA	Orr Fuel Oil Burner	113-26-SA
Kelco Oil Burner.....	237-33-SA	Packard Fuel Oil Burner.....	77-34-SA
Kelvinator Oil Burner.....	339-31-SA	Paramount Oil Burner.....	1193-25-SA
Kelvinator Oil Burner, Model K.....	105-34-SA	Paramount Oil Burner, Model A.....	617-30-SA
KeWaNee Oil Burner, Model "C".....	518-32-SA	Pascoe Oil Burner.....	1029-26-SA
Kleen Heet Oil Burner.....	62-24-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Kleen Heet Oil Burner, Type 902.....	99-35-SA	Petro Domestic Burner.....	161-26-SA
Kleen Heet Oil Burner, Type R.....	49-33-SA	Petro Model T Oil Burner.....	451-31-SA
Korth Oil Burner, Model G	136-34-SA	Petro Model W Oil Burner.....	452-31-SA
Kreager Oil Burner.....	367-30-SA	Petro Burner, Model O.....	78-28-SA
Kres-Kno Oil Burner.....	443-28-SA	Petro Burner, Model P-2.....	735-30-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Petro Oil Burner, Model W-2	244-33-SA
Laco Oil Burner, Model NL.....	670-30-SA	Petro Oil Burner, Models W-1 and W-1½..	245-33-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15	40-31-SA
Lange Economical Oil Burner.....	355-33-SA	Petroleum Heat & Power Company Fuel Oil Burner Model W-AH	614-32-SA
Lawrence May Oil Burner.....	1034-27-SA	Pioneer Automatic Oil Burner.....	1259-27-SA
Leader Oil Burner.....	425-31-SA	Pressure Oil Burners, Models A, B and C..	146-31-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Presto Automatic Oil Burner.....	294-34-SA
Liberty Automatic Heater.....	129-28-SA	Prize Automatic Oil Burner, Models A, B and C	600-31-SA
Liberty Pressure Oil Burner.....	75-34-SA	Progressive Oil Burner, Models G4, G5, G6 and G7	411-32-SA
Lonergan Automatic Oil Burner.....	208-33-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Lynn Power Oil Burner, Models 1, 2 and 3.	166-34-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
"M W" Domestic Oil Burners, Models Nos. 25, 26, 65, 66, 307, 308, 309, 400 and 800...	341-32-SA	Ray-Dio Sunshine Oil Burner, Model C, sizes 12, 14 and 16.....	368-34-SA
M. W. Emancipator Oil Burner.....	102-33-SA	Rayfield Oil Burner.....	504-26-SA
M. W. Oil Burning Water Heater.....	737-29-SA	Real Host Oil Burner.....	38-34-SA
M. W. Water Heater, Model 20-D.....	365-34-SA	Re-Ly-On Oil Burner.....	745-26-SA
Magna Fuel Oil Burner.....	197-33-SA	Remington Domestic Oil Burner, Type B..	532-31-SA
Majestic Oil Burner.....	693-30-SA	Remington Oil Burner.....	891-26-SA
Marr Oil Burner, Model H, Type R.....	765-26-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Master-Kraft Oil Burner.....	83-33-SA	Richmond Gravity Fuel Oil Burner.....	1193-22-SA
May Oil Burner.....	68-24-SA	Rickard Oil Burner	1011-27-SA
May Oil Burner, Type BB.....	46-34-SA	Rotoflame Oil Burner	187-33-SA
Mayfield Oil Burner.....	568-31-SA	Ryan & Scully Commercial and Domestic Oil Burner	304-32-SA
Mayflower Oil Burner.....	124-29-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
McIlvane Oil Burner.....	544-29-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
Melco Automatic Oil Burner, Type "A"....	1032-25-SA	S-K Oil Burner, Model F.....	369-33-SA
Mercer Oil Burner.....	637-29-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
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Morse Fan Tail Type Steam Atomizing Burner	939-25-SA	Silent-Auburn Fuel Oil Burner, Models A, B, C and O.....	463-31-SA
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Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA		
Twin City-on-the-Door Oil Burner.....	129-27-SA		

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Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Quaker Burnoil Stove	11-31-SA
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		Total	661

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

JULY 23, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 30

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, July 16, 1935, at 2 P. M.

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All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, September 9, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, September 16, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

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197-35-BZ....	D.B.Bx....	960 Grand Concourse and 180-188 East 164th street, southeast corner (Block 2461, Lot 58), Bronx. Slip Applic. 237-35.
196-35-BZ....	D.B.Q.....	40-01 23rd Drive, southeast corner of Steinway street (Block 793, Lot 26), Astoria, Queens. Applic. 3832-35.
195-35-BZ....	D.B.Bx....	2369-71 Jerome avenue and 2-8 West 184th street, southwest corner (Block 3198, Lot 77), Bronx. N. B. 160-35.
194-35-BZ....	D.B.Q.....	Southeast corner Brookville boulevard and 136th avenue (Block 3715, Lot 26), Rosedale, Queens. Applic. 2154-35.
193-35-A.....	F.D.....	51-19 Queens boulevard (Block 506, Lot 53), Woodside, Queens. L. C. 66505.
192-35-A.....	D.B.M.....	515-521 East 17th street (Block 975, Lot 10), Manhattan. F. 21374.

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654-27-BZ....	D.B.B.....	622-632 Foster avenue, southwest corner of East 7th street (Block 6494, Lot 8), Brooklyn. Decision.
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* * *

Peo. ex rel. Meyer vs. Murdock—On June 26, 1934, Board denied change of occupancy to motor vehicle repair shop in residence district, under section 21; Cal. No. 26-34-BZ; Premises 601-629 Avenue R, Brooklyn. Mr. Justice Smith sustained Board (N. Y. L. J. July 10, 1935).

* * *

Peo. ex rel. Levin vs. Murdock—On March 12, 1935, Board denied gas station in business and residence district, F area, under section 21; Cal. No. 317-34-BZ; Premises Grand Central Parkway and Parsons Boulevard, Jamaica, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J. July 17, 1935).

ADJOURNMENT.

Notice is hereby given that the next regular meeting of the Board of Standards and Appeals will be held on Tuesday, September 10, 1935, at 10 a. m., and that the next Clerks Calendar Call will be held on Monday, September 9, 1935, at 2 p. m.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 9, 1935, AT 2 P. M.

Building Zone Cases.

136-35-BZ.
APPLICANT—Morris Braun, for Isidore Rothman, owner.
PREMISES—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.
PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue ((Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

CALENDAR

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

390-27-BZ.

APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.

PREMISES—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

118-31-BZ.

APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.

PREMISES—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

APPLICATION, under section 21 of the building zone resolution, (reopened March 5, 1935).

TO PERMIT the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board.

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance

of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. NO. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, reopened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 2871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, applicant and owner, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders.

188-35-A—518-534 West 26th street (Block No. 697, Lot No. 47), Manhattan.

192-35-A—515-521 East 17th street (Block No. 975, Lot No. 10), Manhattan.

193-35-A—51-19 Queens boulevard (Block No. 506, Lot No. 53), Woodside, Borough of Queens.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, re-

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opened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

138-35-BZ.

APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.

PREMISES—247-13 to 247-17 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

154-35-BZ.

APPLICANT—Samuels & Samuels, for Assets Control Company, Inc., owner.

PREMISES—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

PREMISES—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPLICATION, under section 7f of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period.

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935, at 10 o'clock, in Room 1013, Municipal Building,* on the following matters:

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application, granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station;

premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 142-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Edwin C. Georgi, applicant, on behalf of Riverside Crematory, Inc., owner, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 24, 1935, at 10 o'clock, in Room 1013, Municipal Building,* on the following matters:

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution, of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop; premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NL. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a busi-

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ness district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

HARRIS H. MURDOCK, *Chairman*.

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an

existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

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BOARD OF STANDARDS AND APPEALS

SPECIAL MEETING

FRIDAY AFTERNOON, JULY 12, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

RULES.

217-21-SR.

SUBJECT—Oil Burner Rules, Amendment to.
APPEARANCES:

Harry F. Tapp, John J. McDonald, H. E. Golden, S. L. Becker, B. Wetstone, W. B. White, A. R. Kraus, L. E. Balleisen, A. E. Clarke, A. C. Bang, J. T. McTarnahan, J. G. Maxwell, J. Callahan, and others.

ACTION OF BOARD—Application reopened and amendment to Oil Burner Rules adopted. (See pages 753 to 758 inclusive).

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO ADOPT AMENDMENT TO OIL BURNER RULES:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

Adjourned: 3:30 P. M.

EDWARD V. BARTON, *Chief Clerk*.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY MORNING, JULY 16, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, July 2, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, July 2, 1935, were approved as printed in Bulletin No. 28, Vol. XX and the minutes of the regular meeting of the board held on Tuesday morning, July 9, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, July 9, 1935, were approved as printed in Bulletin No. 29, Vol. XX.

BUILDING ZONE CASES.

120-35-BZ.

APPLICANT—Maxwell A. Cantor, for Andon E. Andon, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.
PREMISES AFFECTED—63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

APPEARANCES—

For Applicant: Maxwell A. Cantor.

For Opposition: William Lamkay, Louis Gevarter.

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ACTION OF BOARD—Application withdrawn without prejudice.

THE VOTE TO WITHDRAW:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

1066-25-BZ.

APPLICANT—Roland Lievendag, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration of a garage for more than five (5) motor vehicles (with permit for sale of gasoline) which was granted by the board on March 30, 1926 (and extended into the residence district under Cal. No. 74-28-BZ) so as to form an alcove gasoline service station (reopened April 30, 1935).

PREMISES AFFECTED—Northwest corner of 46th avenue (Queens avenue) and 164th street (24th street); (Block No. 5442, Lot No. 81), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Roland Lievendag.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(1066-25-BZ)

WHEREAS, this application affecting premises northwest corner of 46th avenue (Queens avenue) and 164th street (24th street) (Block No. 5442, Lot No. 81), Flushing, Borough of Queens, was granted by the board for a garage March 30, 1926, on certain conditions and amended to extend the garage into the residence use district under Cal. No. 74-28-BZ, April 2, 1928; and

WHEREAS, the owner requested a reopening of the case to permit the setting back of the 46th avenue front wall and part of the 164th street wall so as to form a gasoline service station approximately 12 feet by 96 feet; and

WHEREAS, this application was reopened by vote of the board April 30, 1935; and

WHEREAS a public hearing was held on the application by the Board of Standards and Appeals at its regular meeting July 16, 1935, after due notice by publication in the Bulletin of the Board of Standard and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that the premises extend from a business use district into a residence use district; and

WHEREAS, the building is now fireproof one story in height with a frontage of 100.85 feet on 46th avenue and 131 feet on 164th street, it being proposed to alter the 46th avenue front of this building to include a gasoline service station approximately 12 feet by 96 feet in area; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under section 21 of the building zone resolution.

Resolved, that the resolution permitting the erection of the garage adopted by the board on March 30, 1926, and the extension of the garage permitted by resolution adopted by the board on April 2, 1928 under Cal. No. 74-28-BZ, be and it hereby is amended, by adding thereto the following:

"that the front wall of the garage constructed in accordance with the requirements of Cal. No. 1066-25-BZ, may be reconstructed and set back for a depth of approximately 12 feet, as indicated on plans filed, marked 'received April 18, 1935', to provide for a gaso-

line selling area along 46th avenue, known as Queens avenue, on condition that this area shall be substantially at the level of Queens avenue and shall be cement paved; that no gasoline pumps shall be erected except in the alcoves indicated in the new front wall; that these alcoves shall be built of brick with no openings therefrom into the garage; that there shall be not more than one entrance to the garage from Queens avenue; that curb cuts from Queens avenue and 164th street shall not exceed in width and number those now existing; that no portable gasoline pumps shall be used on or from the premises; that there shall be no automobile repairing carried on in the premises; that all permits shall be obtained within six months for this gasoline selling area and all work completed within one year from the date of this amended resolution; that other than as amended herein, the resolution adopted by the board on March 30, 1926 under Cal. No. 1066-25-BZ, as extended by resolution adopted on April 2, 1928 under Cal. No. 74-28-BZ shall be complied with in all respects."

79-35-BZ.

APPLICANT—Patrick Filomio, for Filomio Building Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop.

PREMISES AFFECTED—3223 Laconia avenue, west side, 81.41 feet north of Boston road (Block No. 4613, Lot No. 54), The Bronx.

APPEARANCES—

For Applicant: Denis R. Sheil, Patrick Filomio.

For Opposition: George C. Raines, Chas. Cruen.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(79-35-BZ)

WHEREAS, Patrick Filomio, for Filomio Building Corp., owner, filed March 28, 1935, an application under the building zone resolution to permit in a business district the change of occupancy of part of an existing building to a motor vehicle repair shop; premises: 3223 Laconia avenue, west side 81.41 feet north of Boston road (Block No. 4613, Lot No. 54), Borough of the Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Laconia avenue is in a business district; Boston road is in a business district and Lurting avenue is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered February 15, 1935, reads:

"A certificate of occupancy for the automobile repair shop at above mentioned premises is hereby denied as the location is within a business district."

and

WHEREAS, the building is of non-fireproof construction two stories in height, with a frontage of 22 feet and a depth of 60 feet to be occupied as a motor vehicle repair shop on first story and dwelling above; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under Section 21 of the building zone resolution on the grounds of unnecessary hardship, and was, therefore entitled to relief.

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Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21 for a temporary period of two years from the date of this action, permitting the premises to be used for limited motor vehicle repairing, *on condition* that the building shall not be increased in height or area; that no signs advertising motor vehicle repairing shall be displayed; that the repairing shall be restricted to cars taken in by this owner for resale; that the ceiling shall be fire-retarded in accordance with the rules of the Board of Standards and Appeals; that the repair work shall be limited to use of manual tools and to machines requiring motor power not exceeding $\frac{1}{4}$ h.p.

95-35-BZ.

APPLICANT—Frank V. Laspia, for Stanley Gorski, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7-a of the building zone resolution, to permit in a residence district the change of occupancy of an existing building (located on the rear of the lot) to a knitting mill.

PREMISES AFFECTED—423 Barbey street, east side, 150 feet north of Belmont avenue (Block No. 4013, Lot No. 3), Brooklyn.

APPEARANCES—

For Applicant: Michael Agusta.

For Opposition: None.

For Administration: Benjamin Saltzman for Department of Buildings.

ACTION OF BOARD—Application granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(95-35-BZ)

WHEREAS, Frank V. Laspia, for Stanley Gorski, owner, filed April 11, 1935, an application under the building zone resolution to permit in a residence district the change of occupancy of an existing building (located on the rear of the lot) to a knitting mill; premises: 423 Barbey street, east side, 150 feet north of Belmont avenue (Block No. 4013, Lot No. 3), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Barbey street is in a residence and business district; Pitkin avenue is in a business district and Belmont avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered April 2, 1935 re application No. 2302-1935, reads:

"Proposed conversion of present 3 car garage which was issued under permit No. 8910-32 for accessory use only to a knitting factory in a residential district, is contrary to article II, section 3 of the zone resolution."

and

WHEREAS, the building is of non-fireproof construction, one story in height, with a frontage of 25 feet and a depth of 35 feet, located in the rear of a plot 25 feet by 100 feet in area, on the front of which is located a 3 story brick building, occupied as a 2-family dwelling and knitting mill (factory); it is proposed to occupy this one story building, which was erected as a 3 car garage accessory to the dwelling use on the front of the plot, as a part of the knitting mill; and

WHEREAS, this application was the subject of an inspection by a committee of the board, on July 11, 1935, prior to the hearing; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 7(a) of the building zone resolution, and was, therefore entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 7(a) for a period of two years from the date of this action, permitting the extension of the existing business use, namely, knitting mill, into the rear building which was approved by the commissioner of buildings under N.B. 8910-1932 as a private garage accessory to the residential building, *on condition* that this rear building shall not be increased in height or area; that any lot line windows opening on adjacent property shall be fireproof and self-closing and glazed with wire glass; that the ceilings shall be fire-retarded in accordance with the rules of the Board of Standards and Appeals; that this building shall not be used for any purpose other than the present use, namely, as a knitting mill; that all machinery shall be removed from the first floor of the existing three-story building on the front of the lot, except sewing machines and similar light machines; that the front of the three-story building shall not be altered and no signs advertising the non-conforming use shall be displayed on the front of the building or elsewhere on the exterior of the premises; that all permits shall be obtained within three months and all work completed within six months from the date of this resolution.

104-35-BZ.

APPLICANT—Lama and Proskauer, for Angelino Agostino, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a motor vehicle repair shop and, also, a gasoline service station.

PREMISES AFFECTED—5809-5813 Bay Parkway, east side, 80 feet $8\frac{3}{8}$ inches north of 59th street (Block No. 6547, Lot Nos. 5 and 7), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: William B. Linden.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Absent	0

THE RESOLUTION—

(104-35-BZ)

WHEREAS, Lama and Proskauer for Angelino Agostino owner, filed April 18, 1935, an application under the building zone resolution to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a motor vehicle repair shop and also a gasoline service station; premises: 5809-5813 Bay Parkway, east side 80 feet $8\frac{3}{8}$ inches north of 59th street (Block No. 6547, Lot Nos. 5 and 7), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Bay Parkway is in a business and residence district; 59th street is in a business, residence and unrestricted district and 60th street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered April 4, 1935, re application No. 2740-1935, reads:

"Proposed gasoline service station and an automobile repair shop to be located partly in a business use

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and partly in an unrestricted district are contrary to article II, section 4a of the zone resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 63 feet 9 inches on Bay parkway, a maximum depth of 121 feet 6 inches and a distance of 94 feet 8 inches along the east lot line; a small irregular shaped area at the rear of the plot is in the unrestricted district—the remainder is in the business district. It is proposed to erect upon part of the plot a one story, non-fireproof structure to be used as auto show room and automobile repair shop to occupy the remainder of the plot, having a frontage of 54 feet and a depth of 38 feet, as a gasoline service station. Plot is now being used as a nursery, with a 3 car garage also located on plot; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution, on the grounds of practical difficulty and unnecessary hardship, and was, therefore, not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is affirmed, and that the application be and it hereby is denied.

161-35-BZ.

APPLICANT—John M. Baker, for Adelaide Sundheimer, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence use and "E" area district the erection and maintenance of a building (dwelling) not conforming with "E" area requirements.

PREMISES AFFECTED—22-16 75th street, west side, 120 feet south of Ditmars boulevard (Block No. 1006, Lot No. 12), Jackson Heights, Borough of Queens.

APPEARANCES—

For Applicant: John M. Baker.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(161-35-BZ)

WHEREAS, John M. Baker, for Adelaide Sundheimer, owner, filed June 19, 1935, an application under the building zone resolution to permit in a residence use and "E" area district the erection and maintenance of a building (dwelling) not conforming with "E" area requirements; premises: 22-16 75th street, west side, 120 feet south of Ditmars boulevard (Block No. 1006, Lot No. 12), Jackson Heights, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 75th street is in a residence use and also E and D area district; Ditmars avenue is in a residence use and also E and D area; and

WHEREAS, the decision of the commissioner of buildings, rendered June 19, 1935, re N. B. Appl. No. 2311-1934, reads:

"1. Provide 10 feet setback from building line as required by section 15-d of the zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 40 feet and a depth of 100 feet. It is pro-

posed to erect upon the plot a two story dwelling 20 feet by 50 feet in area; flush with the building line, the 10 foot set back required in an E area district being omitted. There are now existing in the rear of the plot four one car garages; and

WHEREAS, it appears that plans for this building were approved November 27, 1934, and material purchased, and the change in the area district was made December 14, 1934; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution on the ground of unnecessary hardship, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the area district regulations of the building zone resolution, and that the application be and it hereby is granted on condition that the proposed building shall comply with the requirements of a "D" area district.

137-35-BZ.

APPLICANT—Samuel Rosenblum, for Emigrant Industrial Savings Bank, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—113-123 West 51st street and 112-118 West 52nd street (Block No. 1004, Lot Nos. 19-23 and 41-44), Manhattan.

APPEARANCES—

For Applicant: Samuel Rosenblum.

For Opposition: Carroll J. Dickson, Lester M. Rosenbloom, John C. Newington.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(137-35-BZ)

WHEREAS, Samuel Rosenblum, for Emigrant Industrial Savings Bank, owner, filed May 28, 1935 an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 113-123 West 51st street and 112-118 West 52nd street (Block No. 1004, Lot Nos. 19-23 and 41-44) Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 52nd street is in a business and retail use district; 51st street is in a business and retail use district and 6th avenue is in a retail use district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 27, 1935 re N.B. Applic. No. 78-1935, reads:

"2. Proposed gasoline selling station in a business district is prohibited by the zoning resolutions article II section 4. Since proposed gasoline station will be located in a business district, it is contrary to zoning resolution article II, section 4."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 120 feet on 51st street 100 feet on 52nd street and a depth of 200 feet now occupied for auto parking. On the West 52nd street front of the plot there are located tanks and also two gasoline pumps; it is proposed

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to maintain these pumps and, also, to provide three additional pumps and two tanks on the West 51st street front; and also, to install two greasing lifts; and

WHEREAS, the board deems that the applicant did not establish hardship as prescribed under section 21 of the building zone resolution, under which section the application was brought.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

151-35-BZ.

APPLICANT—William B. Linder, for Lena Traversi, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7c of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration and extension of an existing moving picture theatre.

PREMISES AFFECTED—6502 18th avenue and 1788 65th street, southwest corner (Block No. 5553, Lot No. 40 and part of Lot No. 37), Brooklyn.

APPEARANCES—

For Applicant: William B. Linder, Samuel Malkind.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(151-35-BZ)

WHEREAS, William B. Linder, for Lena Traversi, owner, filed, June 11, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the alteration and extension of an existing moving picture theatre; premises: 6502 18th avenue and 1788 65th street, southwest corner (Block No. 5553, Lot No. 40 and part of Lot No. 37), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 18th avenue is in a business district; 65th street is in a residence and business district and 64th street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 10, 1935, re Applic. No. 4987-1935, reads:

"Extending business use in a residential zone is contrary to Art. II, Par. 6a of re Zone Resolution."; and

WHEREAS, the building is of non-fireproof construction one story in height, with a frontage of 40 feet on 18th avenue and a depth of 90 feet 2 inches on 65th street, occupied as motion picture theatre and store; the plot upon which the existing store and motion picture theatre is located has a frontage of 40 ft. on 18th avenue and a depth of 150 ft. the east portion—for a depth of 100 ft.—is in the business district and the westerly (50 ft.) portion is in the residence district. It is proposed to build a one-story extension—having a frontage of 40 ft. on 65th street—to the existing building, approximately 30 ft. of the proposed extension being located in the residence district; and

WHEREAS, the board is empowered under section 7-C of the building zone resolution to permit the extension of an existing use into a more restricted district, such as herein applied for; and

WHEREAS, the board deems that the applicant herein is entitled to relief under section 7-C of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 7-C, permitting the construction of the proposed theatre on a portion of Lot 37 in Block 5553 within the residential area, on condition that such extension into the residential district shall not exceed 40 feet along 65th street and a depth of 40 feet; that this building within the residential area shall not exceed 25 feet in height; that there shall be no openings from the building within the residential area except the required legal exit to 65th street; that this portion within the residential area shall not be used for other purposes than the extension of the theatre, excluding all other uses; that any ventilating apparatus installed shall be so located as to exhaust toward 18th avenue; that the balance of Lot 37 shall be used for conforming uses; that all laws, rules and regulations applicable thereto shall be complied with other than as modified herein; that no signs shall be erected on the roof of the theatre nor on the portion within the residential area; that approval of the site shall be obtained from the commissioner of licenses; that all permits shall be obtained within three (3) months and all work completed within nine months from the date of this action.

183-35-BZ.

APPLICANT—Washburn Wire Co., Inc., for Washburn Wire Co., Inc., and Standard Gas Light Co., owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7-C of the building zone resolution, to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a factory building.

PREMISES AFFECTED—535-547 East 116th street and 536-550 East 117th street (Block No. 1715, Lot Nos. 18, 33 and 37 and part of Lot Nos. 22 and 30), Manhattan.

APPEARANCES—

For Applicant: Albert R. Palmer, B. Walther, Edward G. Griffin and L. C. Squire, for department of parks.

For Opposition: Vito Caputo and Mrs. J. Silveri.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney ..	4
Negative	0
Absent	0

THE RESOLUTION—

(183-35-BZ)

WHEREAS, Washburn Wire Co., Inc., for Washburn Wire Co., Inc., and the Standard Gas Light Co., owners, filed, July 1, 1935, an application under the building zone resolution to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a factory building; premises: 535-547 East 116th street and 536-550 East 117th street (Block No. 1715, Lot Nos. 18, 33 and 37 and part of Lot Nos. 22 and 30), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that East River Drive is in a residence district; East 116th street is in an unrestricted and residence district and East 117th street is in an unrestricted and residence district; and

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WHEREAS, the decision of the commissioner of buildings, rendered June 27, 1935, re App. No. 107-1935, reads:

"1. Proposed building for manufacturing in a residential and unrestricted area is contrary to Art. II, Section 3, of the Zoning Resolution."; and

WHEREAS, the premises consist of an irregularly shaped plot of ground having a frontage of 223.5 ft. on East River Drive, 138 ft. 7 in. on East 116th street and 252.7 ft. on East 117th street. The east portion of the plot (for a depth of 100 ft. from East River Drive) is in the residence district and the remainder is in the unrestricted district. It is proposed to erect on the (entire) plot a one- and five-story fireproof factory building; and

WHEREAS, the board is empowered under the provisions of section 7-C of the building zone resolution to grant a variation of the building zone resolution such as herein

applied for, to wit: the extension of an existing use into a more restricted district.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 7-C, permitting the erection of the proposed buildings within the residential area, substantially as indicated on plans filed with this appeal, *on condition* that the facades of the buildings shall be in accordance with the requirements of the Art Commission of the City of New York and that the buildings shall not be increased beyond the height indicated.

Adjourned, 12:05 p. m.

EDWARD V. BARTON, *Chief Clerk*

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, JULY 16, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

100-34-BZ.

APPLICANT—Samuels and Samuels, for Kariene Burke, owner.

SUBJECT—Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period (reopened June 4, 1935, for consideration of an amendment to the resolution of July 3, 1934).

PREMISES AFFECTED—138-150 Jamaica avenue and 89-11 138th place, southeast corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Archie H. Samuels and Max Siegel.

For Opposition: Karl R. Klein and Charles Kaemer.

ACTION OF BOARD—Laid over to July 19, 1935, at 10 a. m., for further argument.

61-35-BZ.

APPLICANT—W. H. Harrington, for Jos. L. Fries Co., Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—307 Driggs avenue, southeast corner of Manhattan avenue (Block No. 2697, Lot No. 10), Brooklyn.

APPEARANCES—

For Applicant: W. H. Harrington.

For Opposition: Samuel Jacobs.

ACTION OF BOARD—Application withdrawn without prejudice.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

26-35-BZ.

APPLICANT—John J. Dunnigan, for Hugh Cooney, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—4200-4210 Oneida avenue and 101-111 East 233rd street, northeast corner (Block No. 3369, Lot Nos. 1 and 40), The Bronx.

APPEARANCES—

For Applicant: W. H. Dusenbury.

For Opposition: None.

ACTION OF BOARD—Application withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

344-33-BZ.

APPLICANT—Nordlinger, Riegelman & Cooper, for Parkville Amusement Corporation, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under sections 7a, 7c and 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a recreation centre.

PREMISES AFFECTED—1048-1072 Ocean parkway, west side, 380 feet south of Avenue J (Block No. 5495, Lot Nos. 870 and 872), Brooklyn.

APPEARANCES—

For Applicant: Leopold A. Halperin and Andrew Viola.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, present owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of build-

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ings) under sections 7c and 21 of the building zone resolution, permitting partly in a business district and partly in a residence district, the erection and maintenance of a business use (stores).

PREMISES AFFECTED—Southwest corner of Burnside avenue and Grand Concourse (Block No. 2808, Lot No. 82), The Bronx.

APPEARANCES—

For Applicant: Max Siegel.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

654-27-BZ.

APPLICANT—Wagner, Quillinan & Rifkind, for Henry Pape, present owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under sections 7e and 21 of the building zone resolution, permitting in a business district the change of occupancy of an existing building to a garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—622-632 Foster avenue, southwest corner of East 7th street (Block No. 6494, Lot No. 8), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

297-34-BZ.

APPLICANT—Enmor Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied; reopened June 25, 1935).

PREMISES AFFECTED—2705-2715 Nostrand avenue, east side, 360 feet north of Avenue N (Block No. 7666, Lot No. 25), Brooklyn.

APPEARANCES—

For Applicant: James S. Kleinman.

For Opposition: Charles Shankroff, Bernard L. Weynberg, Alexander Haig, Bernard Trencher, Katherine Finmara and Andrew Rogers.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(297-34-BZ)

WHEREAS, Jack Fein, for Enmor Realty Corporation, owner, filed, October 22, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 2705-2715 Nostrand avenue, east side, 360 feet north of Avenue N (Block No. 7666, Lot No. 25), Borough of Brooklyn; and

WHEREAS, this application was denied by the board January 22, 1935, and reopened by vote of the board June 25, 1935, on the basis of new facts; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Nostrand avenue is in a business district; East 31st street is in a residence district; Avenue M is in a residence and business district and Avenue N is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered October 9, 1934, re Application No. 11734-34, reads:

“Proposed gasoline service station to be located in a business use district is contrary to Art. II, Section 4a of Zone Resolution.”;

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 feet and a depth of 105 feet, upon the plot there is located a one-story office and auto laundry structure, 30 feet by 22 feet in area and also three grease pits. It is proposed to install at the front portion of the plot the necessary tanks and pumps for a gasoline station; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution, for a five-year period, on the ground of practical difficulty and unnecessary hardship, and was, therefore, not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

106-35-BZ.

APPLICANT—Fertig, Walter & Gottesman, for Michael Tuch, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the change of occupancy of an existing building to business use (restaurant, ball room, etc.).

PREMISES AFFECTED—153-14 90th avenue, south side, 100.08 feet east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

APPEARANCES—

For Appellant: Samuel Gottesman.

For Opposition: Robert P. Orr, P. J. Murphy, Jere T. Muhs and Mr. Reeves.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative: Assistant Chief Kidney	1
Absent	0

THE RESOLUTION—

(106-35-BZ)

WHEREAS, Fertig, Walter & Gottesman, for Michael Tuch, owner, filed, April 22, 1935, an application under the building zone resolution to permit in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.), premises: 153-14 90th avenue, south side 100.08 feet East of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 90th avenue is in a residence and business district; 155th street is in a residence and business district; 153rd street is in a residence and business district and 90th road is in a business district; and

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WHEREAS, the decision of the commissioner of buildings, rendered April 3, 1935, reads:

Responding to your communication of March 27th, your file No. 6942, regarding premises 153-14 90th avenue, Jamaica, Borough of Queens, for which premises you request a certificate of change of occupancy permitting the use of same for business purposes, namely, for lodge rooms, you are advised that this request for certificate of occupancy is hereby DENIED, as use for business purposes (restaurant and dance hall or cabaret) is contrary to Article 2, Section 3, of the Building Zone Resolution, these premises being situated in a RESIDENCE district.”;

and

WHEREAS, the building is of frame and brick construction, one story brick extension and two story and attic (frame portion) in height, with a frontage of 45 feet and a depth of approximately 86 feet, formerly occupied as a club house, to be occupied as lodge rooms, meeting rooms, restaurant, ball room and banquet rooms; and

WHEREAS, the premises in question was inspected by a committee of the board, which committee recommends that the application be granted under certain conditions for a limited period of time; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application for temporary relief only under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 of the building zone resolution, permitting a conditional business use of the existing premises for a period of two years from the date of this action, *on condition* that the building shall not be increased in height or area and that the occupancy shall be limited to meetings of fraternal lodges, church meetings and weddings, excluding all commercial occupancy and prohibiting the sale and dispensation of liquor on the premises or the installation of a restaurant; that the existing bar on the premises shall be completely removed and that such music as is permitted on the premises shall be limited to a string orchestra consisting of not more than four (4) pieces.

115-35-BZ.

APPLICANT—Eugene DeRosa, for Amsterdam Apartments, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7c of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a building to be used as a motion picture theatre, stores and offices.

PREMISES AFFECTED—361-363 West 23rd street, north side, 150 feet 1½ inches East of Ninth avenue, and between 346 and 348 West 24th street (Block No. 747, Lot No. 10), Manhattan.

APPEARANCES—

For Applicant: Eugene DeRosa.

For Opposition: Morris Lavitt.

ACTION OF BOARD—Application granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(115-35-BZ)

WHEREAS, Eugene DeRosa, for Amsterdam Apartments, Inc., owner, filed, May 3, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district, the erection and

maintenance of a building to be used as a motion picture theatre, stores and offices; premises: 361-363 West 23rd street, north side, 150 feet 1½ inches east of 9th avenue and between 346-348 West 24th street (Block No. 747, Lot No. 10), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps, accompanying the building zone resolution show that West 23rd street is in a business and residence district; West 24th street is in a residence and business district; 9th avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered April 29, 1935, re App. No. 60-1935, reads:

“2. Building or premises to be used for business purposes may not be erected in a residence district; Zone Resolution, Sec. 3.”;

and

WHEREAS, the premises consist of a plot of ground 8 feet on West 24th street and a depth of approximately 198 feet; the southerly portion (100 feet deep) of the plot is in the business district and the remainder is in the residence district. It is proposed to erect upon the West 23rd street front of the plot a theatre, store and office structure, 50 feet by 135 feet in area; the northerly portion of the building extending into the residence district for a distance of 35 feet; the (northerly) remainder of the plot to be used as court space; and

WHEREAS, the premises in question was inspected by a committee of the board, which committee recommended that the application should be granted under section 7-C of the building zone resolution with such restrictions as the board saw fit to impose; and

WHEREAS, the board deemed that the applicant had substantiated the basis of his application under section 7-C of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 7-C, permitting the extension of the proposed theatre into the residential area as indicated on plans filed with this appeal marked “Received May 31, 1935,” *on condition* that the building shall not exceed 30 feet in total height; that the rear court shall be housed in to a point on a line with the rear line of the adjoining houses on West 24th street; that the rear exits to 24th street shall be used for emergency purposes only; that any ventilation system installed shall be arranged to exhaust toward 23rd street; that the theatre shall not exceed a seating capacity of 599 seats and shall comply with all the laws and regulations applicable thereto other than as varied herein and that the site shall be approved for this use by the commissioner of licenses, and that all permits required shall be obtained within three months and all work completed within nine months from the date of this action.

617-24-BZ.

APPLICANT—Newman, Hausler & Teitler, for Lantic Corp., owner.

SUBJECT—Application (decision of the superintendent of buildings) under section 7c of the building zone resolution, permitting the alteration and conversion of occupancy of building used as a factory, stable and garage, located partly in a business district and partly in an unrestricted district to a garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—41-57 Third avenue, southeast corner of Atlantic avenue (Block No. 186, Lot No. 1), Borough of Brooklyn.

MINUTES

APPEARANCES—

For Applicant: Samuel L. Teitler.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(617-24-BZ)

WHEREAS, this application affecting premises 41-57 Third avenue, southeast corner of Atlantic avenue (Block No. 186, Lot No. 1), Borough of Brooklyn, was granted by the board July 1, 1924, on certain conditions, resolution amended May 5, 1925, November 14, 1933, July 17, 1934, and September 23, 1934, and owner requested a further amendment of the resolution; and

WHEREAS, this application was reopened by vote of the board July 2, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of July 1, 1924, as amended by resolutions of May 5, 1925, November 14, 1933, July 17, 1934, and September 23, 1934, in view of statement by applicant that all permits have been obtained and that work is partially completed, to extend the time within which to complete the work six months from the date of this amended resolution, *on condition* that all other conditions of previous resolutions, shall be complied with.

107-35-BZ.

APPLICANT—Scacchetti & Siegel, for Estate of Julian Ismay Jones, infant owner; Mary Ismay Sullivan, general guardian.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7-C of the building zone resolution, to permit upon a plot of ground located partly in an unrestricted district and partly in a business district the erection and maintenance of a building to be used as a garage for more than five (5) motor vehicles and motor vehicles repair shop and, also, a gasoline service station.

PREMISES AFFECTED—1301-1305 Jerome avenue and 1-9 West Clarke place, northwest corner (Block No. 2856, Lot Nos. 60 and 63), The Bronx.

APPEARANCES—

For Applicant: Max Siegel.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(107-35-BZ)

WHEREAS, Scacchetti & Siegel, for Estate of Julian Ismay Jones, infant owner; Mary Ismay Sullivan, general guardian, filed, April 22, 1935, an application under the building zone resolution to permit upon a plot of ground located partly in an unrestricted district and partly in a business district the erection and maintenance of a building to be used as a garage for more than five (5) motor vehicles and a motor vehicle repair shop and also a gasoline service station; premises: 1301-1305 Jerome avenue and 1-9 West Clarke place, northwest corner (Block No. 2856, Lot Nos. 60 and 63), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jerome avenue is in a business district; Inwood avenue is in an unrestricted and business districts; W. Clarke place is in business, unrestricted and residence districts; and

WHEREAS, the decision of the commissioner of buildings, rendered April 11, 1935, re (N. B. App. No. 98-1935), reads:

"1. Erection of buildings and maintenance of premises as public garage for storage of more than five motor vehicles, motor vehicle repair shop, gasoline service station, greasing rooms and laundry for automobiles on plot located partly in 'business' district and partly in 'unrestricted' district is contrary to provisions of Building Zone Resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 63 feet on Jerome avenue, 117 feet on West Clark place and a distance of 77 feet along the west lot line. The east portion of the plot extends for a distance of 100 feet into the business, and the remainder of the plot is in the unrestricted district; proposes to erect upon the west portion of the plot a one-story building, 25 feet by 77 feet in area, to be used as a garage for more than 5 motor vehicles and also motor vehicle repair shop; proposes to erect upon the remainder of the plot an irregular shaped structure 48 feet by 21 feet in area to be used as auto laundry grease room and office, and, also, the necessary tanks and pumps for a gasoline service station to be used as a garage for more than five (5) motor vehicles and a motor vehicle repair shop and also, a gasoline service station; and

WHEREAS, the site in question was the subject of an inspection by a committee of the board, which recommended that the application be granted under section 7-C only so far as it applies to the small portion of Lot No. 63 and denied as to balance of same; and

WHEREAS, the board deemed that the recommendations of the committee should be carried out.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 7-C of the building zone resolution, permitting a triangular portion of Lot 63 within the business area to be used for unrestricted uses in conjunction with the balance of Lot 63 in the unrestricted area, this portion in the business area having a frontage of approximately 12 feet on West Clarke place, *on condition* that this portion of the plot shall not be used for the sale of gasoline and *denied* as to the use of the balance of Lot 60 within the business area as a gasoline service station; that all permits required shall be obtained within six months and all work completed within one year, from the date of this action.

641-30-BZ.

APPLICANT—Michael Shanley, for 2508 Broadway, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 21 and 7f of the building zone resolution, to permit partly in a business use district and partly in a residence use district, the maintenance of a gasoline service station for a further period of two (2) years (previously granted for a temporary period; reopened April 23, 1935).

PREMISES AFFECTED—South side of Hillside avenue, 41 feet east of 207th street (Block No. 1508, Lot Nos. 3, 4 and 5), Queens Village, Borough of Queens.

MINUTES

APPEARANCES—

For Applicant: Ernest Lapanno, Julia Shanley, Thomas Shanley and Michael Shanley.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Absent 0

THE RESOLUTION—

(641-30-BZ)

WHEREAS, this application affecting premises south side of Hillside avenue, 41 feet east of 207th street (Block No. 1508, Lot Nos. 3, 4 and 5), Queens Village, Borough of Queens, to permit partly in a business use district and partly in a residence use district the erection and maintenance of a garage for more than 5 motor vehicles and a gasoline service station, was amended by applicant to permit a gasoline station only and was granted by the board for a temporary period of two years only as to gasoline station, May 5, 1931, temporary permit extended May 2, 1933, for an additional two years; and

WHEREAS, Michael Shanley, former owner and present tenant, requested a reopening of the application and a further extension of the temporary period; and

WHEREAS, this application was reopened by vote of the board April 23, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Hillside avenue is in a business district; 207th street is in residence and business districts; 208th street is in residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered October 10, 1930, re N. B. 5846-1930, reads:

"1. The erection of a garage for more than five cars and a gasoline station in a business district and extending into residence E district is contrary to Article 2, Section 4 of the Zone Resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 61.6 feet and a maximum depth of 114 feet 10 inches—upon which is located a one-story office and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, on May 5, 1931, a gasoline service station was granted by this board for a period of two years and permit extended May 2, 1933; and

WHEREAS, upon application for a further extension of said use a committee of the board inspected the site and found that an entrance to a public school is located on 207th street between Hillside avenue and the next block to the south, i. e., the same block on which the gasoline station is situated, the board deems that the prohibitions under section 21 of the building zone resolution precludes it from granting a gasoline service station in such a situation.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

203-33-BZ.

APPLICANT—Lama and Proskauer, for Borden's Farm Products Company, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to Calendar April 30, 1935).

PREMISES AFFECTED—365-379 Fourth avenue, east side, 20 feet north of 6th street (Block No. 987, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: Michael Catuldo, Salato Gallo, Laurino Sacerdote and A. Sacerdote.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative: 1
Absent 0

THE RESOLUTION—

(203-33-BZ)

WHEREAS, this application affecting premises 365-379 Fourth avenue, east side, 20 feet north of 6th street (Block No. 987, part of Lot No. 1), Borough of Brooklyn, was filed June 2, 1933, to permit in a business district the erection and maintenance of a gasoline service station; and

WHEREAS, this application was withdrawn without argument November 21, 1933, and reopened by vote of the board April 30, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 16, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 4th avenue is in business, unrestricted and residence districts; 5th street and 6th street are in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 6, 1935, re App. No. 4591-1935, reads:

"Proposed gasoline service station to be located in a business use district is contrary to Art. II, Sect. 4a, of Zone Resolution."

and

WHEREAS, the premises (part of Lot 1, Block 987) consist of a plot of ground having a frontage of 160 ft., a distance of 40 ft. along the north lot line and a distance of 55 ft. along the south lot line, upon which it is proposed to erect a one-story office 15 ft. by 18 ft. in area, greasing lifts and pit and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises in question was the subject of an inspection by a committee of the board, which recommended that the variation be granted for a period of five years under section 21 of the building zone resolution with such safeguards as would protect the adjoining affected property owners; and

WHEREAS, the board deemed that the applicant had substantiated the basis of his application for a temporary variance under section 21, of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that application be and it hereby is *granted*, under section 21 of the building zone resolution, for a period of five years from the date of this action, permitting a plot in the centre of the block with a frontage of 100 feet on 4th avenue to be used as a gasoline selling station, *on condition* that there shall be a plot not less than 50 feet frontage on the corner of 5th street and a similar frontage on the corner of 6th street left entirely open or given over to conforming uses; that the accessory buildings shall be constructed toward the rear of the plot as indicated on plans filed with this appeal and that any grease pits installed shall be enclosed in accessory building; that the accessory building shall not exceed one story in height and shall be constructed of incombustible materials except that the roof beams, roof boarding, doors and sash may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall be no open

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excavation except the pits for the greasing racks; that there shall be constructed on the interior lot lines a heavy woven wire fence not less than 6 feet in height, completely surrounding the gasoline selling area except for the street frontage; that the entire area shall be cement-paved; that all pumps erected shall be not less than 10 feet from the building line; that there shall be erected on the building line, concrete curbs not less than 12 inches in width and not less than 5 inches in height with rounded top, with not over two openings therein, no opening to exceed 35 feet in width and no part of any opening within 5 feet of either the northerly or southerly line of the gasoline selling plot; that the curb cuts opposite these openings shall not exceed 35 feet in width; that no portable gasoline pumps shall be used on or from the property; that the front of the grease pits shall remain open; that no automobile repairing shall be permitted on the premises; that no parking of cars other than those being serviced shall be permitted on the premises; that advertising shall be restricted to the illuminated globes of the gasoline pumps and to a flat sign attached to the accessory building, prohibiting all roof signs and signs of a temporary nature, but permitting one post standard to be erected within the building line with an illuminated sign overhanging the building line not more than 8 feet, advertising only the brand of gasoline for sale; that until the plots above referred to at the corners of 5th and 6th streets can be put to conforming uses, the existing enclosing fence shall remain; that all permits shall be obtained within three months and all work completed within nine months from the date of this resolution.

816-24-BZ.

APPLICANT—Ben Schlanger, for National Council of Congregational Churches, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 7a of the building zone resolution, permitting in a residence district the alteration, extension and change of occupancy of a building now occupied as a public market and stores granted by the board October 3, 1924), to its original occupancy of motion picture theatre and stores.

PREMISES AFFECTED—799-805 Washington avenue, southeast corner of Lincoln place (Block No. 1180, Lot No. 6), Brooklyn.

APPEARANCES—

For Applicant: Benjamin Schlanger.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(816-24-BZ)

WHEREAS, this application affecting premises 799-805 Washington avenue, southeast corner of Lincoln place (Block No. 1180, Lot No. 6), Borough of Brooklyn, was granted by the board, October 3, 1924, for a public market and case reopened and theatre restored under certain conditions January 8, 1935, and owner requests an amendment of the resolution of January 8, 1935.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of January 8, 1935, so that as amended this resolution will read:

"Granted under Section 7-A, permitting the existing buildings to be altered as indicated on plans filed with this appeal as modified by plans marked 'Received July 6, 1935,' for use of stores and motion picture theatre, and in view of statement by applicant that plans have been filed with the department of buildings, that the time within which to complete all work shall be extended to nine months from the date of this amended resolution; that other than as amended herein, the resolution adopted by the board on January 8, 1935, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS

162-35-A.

APPELLANT—John M. Baker, for The Van Iderstine Co., owner.

SUBJECT—Appeal from decisions of the fire commissioner and the commissioner of buildings.

PREMISES AFFECTED—37-59 Railroad avenue, west side, 440 feet south of Greenpoint avenue (Block No. 312, Lot Nos. 263, 267 and 273), Long Island City, Queens.

APPEARANCES—

For Appellant: John M. Baker, B. W. Strachan and A. M. Hayes.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to July 19, 1935, at 10 a. m., awaiting report from board of hazardous trades, fire department.

187-35-A.

APPELLANT—L. E. Driver, for New York Dock Company, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Pier No. 38, Clinton Wharf, Atlantic Basin (Block No. 515, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: L. E. Driver and C. E. Hicks.

For Administration: None.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(187-35-A)

WHEREAS, L. E. Driver, for New York Dock Company, owner, filed, June 27, 1935, an appeal from a decision of the commissioner of buildings, affecting Pier No. 38, Clinton Wharf, Atlantic Basin (Block No. 515, part of Lot No. 1), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings, dated May 15, 1935 (Applic. No. 2413-1935), reads:

"4. Provide an adequate sprinkler system, installation to conform to rules of the Board of Standards and Appeals, as per objection No. 4, of March 27th, 1935.";

and

WHEREAS, the premises in question consist of a pier located 1,000 feet west of the corner formed by the intersection of Clinton Wharf and Conover street and extending into the Atlantic Basin; the pier being 905 feet 6 inches by approximately 165 feet in width; having a wood and also concrete decking and erected thereon is a shed having a wood roof and corrugated metal sides—carried on steel columns; the area of the shed is 140,400 sq. ft.; and

WHEREAS, appellant contends that there will be provided three approved, 40 gallons capacity, portable chemical fire extinguishers; eighteen (18) units of fire barrel equipment;

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contends that there will be provided a standpipe system with 6 in. mains with 4 in. branches; standpipe system is connected to the city main; that the immediate vicinity is well provided with high and low pressure fire hydrants and that there will be provided combined night watchman's patrol and fire alarm boxes with central office connections; and

WHEREAS, these premises were inspected by a committee of the board on July 11, 1935; and

WHEREAS, the board deemed that the decision of the commissioner of buildings should be complied with.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the appeal be and it hereby is *denied*.

288-32-A.

APPELLANT—Scacchetti & Siegel, for Fitz-Roy Development Corp., owner.

SUBJECT—Application for reopening—consideration—new proposition re Appeal from a decision of the superintendent of buildings.

PREMISES AFFECTED—Southwest corner of Lefferts boulevard and Austin street (Block No. 2139, Lot Nos. 79, 80, 81, 82 and 83), Kew Gardens, Borough of Queens.

APPEARANCES—

For Appellant: Max Siegel.

ACTION OF BOARD—Appeal reopened and resolution of July 26, 1932, reaffirmed.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO REAFFIRM RESOLUTION OF JULY 26, 1932—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(288-32-A)

WHEREAS, Fitz-Roy Development Corp., owner, filed, May 25, 1932, an appeal from a decision of the superintendent of buildings, affecting premises southwest corner of Lefferts boulevard and Austin street, Kew Gardens, (Block No. 2139, Lot Nos. 79, 80, 81, 82 and 83), Borough of Queens; and

WHEREAS, the decision of the superintendent of buildings (re Alt. 3094-1932), reads:

"This application to convert buildings now used as stores and dwellings to one building having stores on family dwelling on the upper floor is contrary to do the lower floor and a moving picture theatre and one much of Art. 25, Sec. 501, of the Building Code, as follows: 'and in no case shall such a theatre be constructed or operated above or below the ground floor of any building.'";

and

WHEREAS, the premises consist of five non-fireproof attached buildings, erected in 1925, two stories in height, 70 ft. by 94 ft. 6 in. in area; each building occupied: 1st story, store; 2nd story, two living apartments; located within a business use district; and

WHEREAS, the appellant proposes to alter the buildings for use as a motion picture theatre, 599 seats, one living apartment and a lounge room on the second story and stores on first story; by removing the existing roof and all that portion of the dividing party walls which extend above the stores and rebuild as shown on plans filed with this appeal the entrance lobby and ramp for the proposed theatre will lead directly from Lefferts boulevard, which space is now used for a store; and

WHEREAS, the appellant claims the highest point of floor of the proposed theatre will be only 3.7 ft. above the high point of grade on Lefferts boulevard in front of the premises in question; that the grade drops rapidly towards Austin street and still more so on Austin street from Lefferts boulevard towards the northwest; that the theatre will practically be on the level with grade for a considerable distance; furthermore, the appellant contends the demand for apartments has become nil, the rental value has decreased from seventy dollars to thirty-five dollars, while the carrying charges have mounted; that the proposed alteration and change of use for relief has become urgent and necessary; and

WHEREAS, this appeal was denied by the board at its meeting July 26, 1932, and the owner, through his architect, Max Siegel, requested a reconsideration of the action of the board proposing certain changes in the construction of the proposed theatre; and

WHEREAS, the board deemed that this matter should be submitted to the commissioner of buildings for consideration.

Resolved, that the decision of the superintendent of buildings rendered May 13, 1932, in acting on alteration 3094-1932, be *affirmed* and the appeal as to this decision be *denied*.

Resolved, further, that nothing in this decision shall preclude the applicants filing a new application with the commissioner of buildings and the granting of a permit by the commissioner of buildings, provided he finds that all laws applicable thereto are being complied with and provided that the plot is approved for such use by the commissioner of licenses.

APPLIANCES SUBMITTED FOR APPROVAL

189-35-SA.

APPLICANT—Sears, Roebuck & Company, owner.

SUBJECT—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

190-35-SA.

APPLICANT—Sears, Roebuck & Company.

SUBJECT—Air-O-Flame Space Heater, Models 808, 810 and 108, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of board and bureau of combustibles, fire department, for test and report.

85-35-SA.

APPLICANT—John E. Greenawalt, owner.

SUBJECT—Greenawalt Down Draft Combustion Oil Burning Furnace, approval of.

APPEARANCES—

For Applicant: R. F. Leftwich.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(85-35-SA)

WHEREAS, John E. Greenawalt, owner, filed, March 29, 1935, an application with the Board of Standards and Ap-

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peals, for approval of the device known as the Greenawalt Down Draft Combustion Oil Burning Furnace; and

WHEREAS, this device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The Greenawalt Down Draft Combustion Oil Burning Furnace consists of a vertical shaft high-speed motor turning an atomizing wheel which revolves inside a refractory lined cylindrical furnace. This atomizing wheel made of cast steel, is fastened to the lower end of a hollow cast steel spindle. The spindle is turned by the motor through a flexible coupling connection. The oil is fed into the hollow spindle through which it flows to the atomizing wheel. The air supply of the fan enters the furnace in two streams—one at top and the other at the bottom; the air entering at the top passes on the outside of the spindle and distributes itself into the furnace over the top of the atomizing wheel and air from below passes through an opening in the centre of the centre post as distributed into the furnace below the atomizing wheel.

The oil supply is maintained by a standard pump set equipped with a pressure relief valve and a syphon valve manufactured by the Fulton Company. In case of a break in the line between the pressure regulating valve and the burner, the syphon valve operates to shut down the supply of oil. The solenoid valve is located in the oil supply line near the burner so that in case of motor failure at the burner the oil supply will be shut down. An interlocking device of the syphon valve type manufactured by the Fulton Company is connected between the air supply lines and the oil supply line, so that in case of air failure the oil will not be admitted to the burner. Ignition—manual by means of a gas torch; and the operator of this furnace will be required to secure a certificate of fitness from the fire chief and commissioner.

The controls of this burner were inspected and tested and were found to operate as designed. As a result of this inspection and test it is recommended that this burner be approved for industrial use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, for oil not heavier than No. 4.

Resolved, that the Board of Standards and Appeals does hereby approve the Greenawalt Down Draft Combustion Oil Burning Furnace, when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15th, 1934, and when used with fuel oil not heavier than No. 4 for industrial use, on condition that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 85-35-SA.

122-35-SA.

APPLICANT—William C. Brown, for Michigan Burner Co., owner.

SUBJECT—Midget Pressing Machine Oil Burner, Model P, approval of.

APPEARANCES—

For Applicant: George Burns.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(122-35-SA)

WHEREAS, William C. Brown, for Michigan Burner Co., owner, filed, May 15, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Midget Pressing Machine Oil Burner, Model P; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was installed in the ordinary type pressing machine boiler and is of the mechanical draft gravity feed pot type and consists of the following parts:

A cast iron vaporizing pot.

An air tube.

A Heinze motor 1/75 h. p.

A Heinze blower.

Safety Control—A Genuine Detroit Lubricator Flow Valve, Models CRC-234 and a steam oil valve manufactured by the Michigan Burner Co.

The burner was put into operation and when a pressure of 70 pounds was reached the oil steam valve reduced the flame. The low flame was maintained by means of a by-pass around the steam oil valve. The constant level device was tested out and functioned as designed.

As a result of our inspection and test of this burner it is recommended this burner be approved for commercial use with oil not heavier than No. 3, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and that before such approval becomes final a copy of certain specifications be filed with said board. It is suggested that certain requirements be incorporated in the instruction card which must be placed near the burner in each installation.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Midget Pressing Machine Oil Burner, Model P, for use in domestic and commercial installations when installed in accordance with the oil burner rules of the Board of Standards and Appeals and the following additional requirements:

1. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floor or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
2. That the stand supporting the burner in the fire box of the boiler shall be securely bolted to the bottom thereof.
3. The oil supply container to be mounted on a common base shall be firmly anchored to the floor and at a distance of at least 60 inches from the boiler in which the device is installed.
4. Duly approved safety cans shall be used for the storage and filling of oil containers.
5. Floor beneath oil burner device shall be protected by a shield of at least ½ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the boiler in which the device is installed.

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6. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
UNDER CAL. No. 122-35-SA.

For Use in New York City

Only an Approved Safety Can Shall Be Used in
Filling This Storage Container.

7. That the tank shall be set rigidly in a cup shaped base receptacle of sufficient capacity to contain 1/3 the contents of the tank in case of leakage.
8. That the device shall be connected by a suitable flue pipe to a legal chimney or to the outer air; this flue to be provided with a suitable stack check to nullify down draft.
9. That the boiler from the top thereof to the floor line shall be protected with a jacket 1 in. in thickness of either air-cell asbestos or 85 per cent magnesia, except that an operating opening may be left open at the base not exceeding 50 sq. in. in area, said jacket to be secured by wire to the boiler and completely covered with sheet metal or with hard cement surface.
10. The storage of oil shall be limited to not more than 2 five gallon safety cans in reserve unless the installation is made in complete conformity with the oil burner rules.
11. The board reserves the right to add additional requirements if and when such additional requirements are deemed necessary.
12. Notification of each installation shall be made to the fire department and the applicant must agree to accept the responsibility for his agents.

146-35-SA.

APPLICANT—David Kaufman, for Chicago Flexible Shaft Co., owner.

SUBJECT—Stewart Gasifier Oil Burner, approval of.
APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with the report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(146-35-SA)

WHEREAS, David Kaufman, for Chicago Flexible Shaft Co., owner, filed, June 6, 1934, an application with the Board of Standards and Appeals, for approval of the device known as the Stewart Gasifier Oil Burner; and

WHEREAS, this device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The equipment consists of the following parts: A gasifying chamber or retort, an oil control valve, an air and oil interlocking valve, an oil strainer, an oil shut-off valve, a gas control valve, a gas shut-off, an air control valve and the burners.

The gasifying chamber consists of an alloy steel, known as "Fahralloy" casting. The oil control valve is installed above the oil inlet to the gasifier and is of the needle type, constructed of stainless steel. The oil and air interlocking device is manufactured by the Fulton Company. The pump—a combination Viking

pump and pressure reducing valve. The air supply is from an air compressor supplying air at from one-half to three pounds pressure. The gas control valve is inserted into the side of the air venturi adjacent to the outlet from the gasifying chamber, its body is made from a wrought iron fitting, the other parts being of stainless steel. The gas shut-off valve is an ordinary globe valve installed in the side of the gas supply line. The burners are of conventional design, commonly used in gas-fired industrial furnaces. The gasifier fits into a heavy cast iron jacket which is inserted into the flue outlet of the furnace.

Operation: The gas valve is opened and the city gas used for a period of approximately ten minutes. The oil is then admitted into the generator and is vaporized there. The air passes over the outlet port of the generator and picks up and mixes with the gas vapors and then is run directly to the burners. When the oil has started to vaporize, the city gas supply is shut off and the furnace then operates on the mixture of an air and oil vapor. In case of failure of the air pressure, the oil and air interlocking device shuts off the supply of oil to the burner.

This gasifier is designed for use solely in industrial processes requiring high temperatures.

The operator of this burner will be required to secure a certificate of fitness issued by the fire chief and commissioner as per Rule 15-B of the Oil Burner Rules adopted by the Board of Standards and Appeals.

The oil inlet valve is so constructed that only five and one-half gallons of oil per hour may be admitted to the gasifier. The ignition is by means of a gas torch and is easily accomplished in a safe and reliable manner.

The controls were tested under actual working conditions and found that they functioned as designed. The gasifier was put into operation for a period of about one hour. At no time was there any puff-back and the flame was clear and free from soot.

As a result of this inspection and test, it is recommended that the Stewart Gasifier Oil Burner be approved for industrial use, when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, with fuel oil not heavier than No. 1.

This device has been approved by the Underwriter's Laboratories Guide No. 300.10.90 Laboratory File M.P. 984, June 7, 1935.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Stewart Gasifier Oil Burner, for industrial use, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and when used with fuel oil not heavier than No. 1, on condition that the device shall bear a label permanently affixed, reading as follows:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 146-35-SA.

178-35-SA.

APPLICANT—David Kaufman, for The Gould Oil Burner Co., owner.

SUBJECT—Gould Automatic Oil Burner, approval of.
APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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Negative 0
Absent 0

THE RESOLUTION—

(178-35-SA)

WHEREAS, David Kaufman, for The Gould Oil Burner Company, owner, filed, June 25, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Gould Automatic Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The oil burner was installed in a steam boiler used for heating purposes. The burner is of the mechanical draft pressure atomizing gun type, and consists of the following parts:

Century 1/12 H. P. motor; Torrington fan; Viking pump; Detroit Lubricator Strainer and Pressure regulating and relief valve and Monarch nozzle.

Ignition—Electric. Webster transformer 110 to 10,000 volts.

Controls—Minneapolis—Moneywell Protectorelay R-117-3; Minneapolis-Honeywell Pressuretrol L-404.

With a cold combustion chamber, and the oil supply shut off, the burner and controls were operated and on two successive tests, shut the burner down in 93 and 95 seconds, respectively. The burner was then put into normal operation for a period of approximately 40 minutes, and the controls tested under actual working conditions. At no time during the test were there any puff backs due to faulty ignition. Examination of the combustion chamber showed no undue carbon deposits and the flame was clear and free of soot.

As a result of this inspection and test, it is recommended that the Gould Automatic Oil Burner be approved for domestic, commercial and industrial use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, with fuel oil not heavier than No. 3.

Resolved, that the Board of Standards and Appeals hereby approve the device known as the Gould Automatic Oil Burner, when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals, and when used with fuel oil not heavier than No. 3 for domestic, commercial and industrial use, *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 178-35-SA.

298-33-SA.

APPLICANT—American Gas Machine Co., Inc., owner.
SUBJECT—American Blue Flame and Sun Flame Oil Burning Heaters, Models 4512, 4518, 4538, 4562, 4563, 4573, 4578 and 4588, approval of.

APPEARANCES—

For Applicant: E. L. McFarland.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(298-33-SA)

WHEREAS, American Gas Machine Co., Inc., filed, September 14, 1933, an application with the Board of Standards and Appeals, for approval of the device known as the American Blue Flame and Sun Flame Oil Burning Heaters, Models 73, 86, 88, 92, 93, 94, 95, and 96; and

WHEREAS, this application was reopened by vote of the board July 2, 1935, for consideration of Models 4512, 4518, 4528, 4538, 4562, 4563, 4573, 4578 and 4588; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner consists of a vaporizing bowl made of cast iron and porcelain. Above the bowl and setting into it are perforated cylinders, 7 inches in height. These are held in place by a ring permanently bolted into place. The oil vaporizing in the bowl mixes with the outer air through the vaporizing cylinders. There are two sizes of bowls used, depending upon the size of the heater, namely, one of 8 inches and one of 10 inches in diameter. The level of the oil is maintained by a metering valve at not more than one-half inch. As an additional safeguard, these burners are equipped with genuine Detroit Lubricator Constant Level Valve. The fuel oil storage tank is located at the rear of the heater and between the tank and the walls of the heater there is a double air space, allowing the free circulation of air, thus preventing any abnormal rise in temperature of the oil in the storage tank. Tank is permanently fixed to the back of burner unit.

The models American Oil Burning Heater, Nos. 73, 86, 88, 92, 93, 94, 95 and 96, were inspected under operating conditions and during the period of this inspection and test there was no abnormal flooding of oil in the bowl and constant level valve functioned as required.

In recommending these space heaters and burners for approval, it is suggested that certain recommendations be carried out in their installation and incorporated on the instruction card which must be placed near the burner.

As these burners and heaters were installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, it is recommended that same be approved for use in domestic and commercial installations for use with oil not heavier than No. 3; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles approved by the acting deputy chief in charge of the bureau, relative to the new models and dated July 12, 1935, was substantially as follows:

Models 4512, 4518, 4562 and 4563 are equipped with the standard "V" slot metering valves. The other models are equipped with Detroit Lubricator Constant Level Valves, Model CRC-234. The only change in these burners from those originally approved by the board on October 30, 1934, is that the vaporizing pot instead of being made of cast-iron is now made of pressed steel. There has been a change in design of the outside shell and appearance of the heaters. The principle and operation of these heaters differ in no way from those originally approved by the board. The controls were tested on the various models and found to operate as designed.

In recommending these oil burning heaters, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction

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cards, and that this approval be not final until a copy of said instruction card has been filed with the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby *approve* the American Blue Flame and Sun Flame Oil Burning Heaters, Models 73, 86, 88, 92, 93, 94, 95, 96, 4512, 4518, 4538, 4562, 4563, 4573, 4578 and 4588, for fuel oil not heavier than No. 3, *on condition* that these burners *shall be constructed* in accordance with description filed with this application and in accordance with the Oil Burner Rules of the Board of Standards and Appeals and as covered by report of Engineer of Board of Standards and Appeals and representative of bureau of combustibles, for use in domestic and commercial installations, provided any commercial installations shall not be used in occupancies deemed hazardous by the fire chief and commissioner, and that the following additional requirements shall be complied with:

1. Only approved safety cans shall be used for the storage and filling of oil containers.
2. The storage container must bear a label permanently affixed reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 298-33-SA

3. Floor beneath the oil burning device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material extending at least 12 inches beyond the outline of such device.

89-35-SA.

APPLICANT—Carl Henzel, agent for The John Douglas Company, owner.

SUBJECT—Siphon-Proof Water Closet, Type "A", approval of.

APPEARANCES—

For Applicant: Carl Henzel and J. Steinmuller.

ACTION OF BOARD—Application approved in accordance with report of the committee of the board.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney

Negative 0
Absent 0

THE RESOLUTION—

(89-35-SA)

WHEREAS, Carl Henzel, agent for the John Douglas Co., owner, filed, April 1, 1935, an application with the Board of Standards and Appeals for approval of their device known as the Siphon Proof Water Closet Type A; and

WHEREAS, the device was submitted to the engineer of the board for test and report; and

WHEREAS, the report of the committee of the board was substantially as follows:

Under date of April 1, 1935, the John Douglas Company filed an application for approval of their Siphon Proof Water Closet, Type A. This device consists of a standard water closet bowl, with an overflow port in each side, designed so as to prevent the submerging of the flushing rim if the soil line should become clogged, thus preventing siphonage into the water system through the flushing rim.

An inspection of this device in operation was made by the engineer and also by Commissioners Savage and Blum and the overflow ports were found to be self-cleaning.

Sub. 132 of the Plumbing Rules of the Board of Standards and Appeals states:

"132. Pan, plunger, offset-washout and washout, or other water-closets having an unventilated space, or the walls of which are not thoroughly washed out at each discharge, will not be permitted."

It is the opinion of the members of the committee who inspected the device in operation that this device complied with this rule as all spaces are washed out at each discharge.

It is recommended that the device known as the Siphon Proof Water Closet, Type A, be approved for use in New York City when installed in conformity with the plumbing rules of the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as Siphon Proof Water Closet Type A, as manufactured by the John Douglas Company, for use in New York City *on condition* that it is installed in accordance with the Plumbing Rules of the Board of Standards and Appeals.

Adjourned, 4:15 p. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

SPECIAL MEETING

FRIDAY MORNING, JULY 19, 1935

Present: Chairman Murdock, Commissioners Savage and Blum.

BUILDING ZONE CASES

332-32-BZ.

APPLICANT—Nordlinger, Riegelman & Cooper, for Kabor Holding Corp., owner.

SUBJECT—Application for reopening—modification—re Application (decision of the commissioner of buildings) under sections 7-f and 21 of the building zone resolution, permitting partly in a residence and partly in a business district the erection and maintenance of stores and, also, a gasoline service station.

PREMISES AFFECTED—3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3233, Lot Nos 55, 64 and 82), The Bronx.

APPEARANCES—

For Applicant: Leopold Halperin.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing September 24, 1935, at 2 p. m.

THE VOTE TO REOPEN AND SET FOR HEARING:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum

Negative 0
Absent: Assistant Chief Kidney 1

262-33-BZ.

APPLICANT—Sylvester Kerrigan, for The American Oil Company, owner.

SUBJECT—Request for reopening—amendment—re Application (decision of commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

MINUTES

PREMISES AFFECTED—Southwest corner of Merrick boulevard (road) and 125th avenue (Block No. 3208, Lot Nos. 122, 124 and 126), South Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Request for reopening dismissed—no appearances.

THE VOTE TO DISMISS REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

100-34-BZ.

APPLICANT—Samuels and Samuels, for Kariene Burke, owner.

SUBJECT—Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period (reopened June 4, 1935), for consideration of an amendment to the resolution of July 3, 1934.

PREMISES AFFECTED—138-50 Jamaica avenue and 89-11 138th place, southeast corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Archie Samuels, Max Siegel.

For Opposition: K. Karl Klein.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(100-34-BZ)

WHEREAS, Samuels and Samuels, for Kariene Burke, owner, filed, April 12, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 138-50 Jamaica avenue and 89-11 138th place, southeast corner (Block No. 1024, part of Lot No. 1), Jamaica, Borough of Queens; and

WHEREAS, this application was granted by the board at its meeting July 3, 1934, for a temporary period of two years, on certain conditions; and

WHEREAS, the applicant requested a reopening of the application and an amendment of the resolution to extend the temporary period to five years and the application was reopened by vote of the board June 4, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, July 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jamaica avenue is in a business district; 138th place is in a residence district; 139th street is in a residence and business district and Queens boulevard is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 31, 1934, re Plan No. 269-1934, reads:

"Erection of a gasoline service station in a business district is contrary to Art. 2, Sec. 4, Subd. 46, Building Zone Resolution.

"Not further examined.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 110.4 feet on Jamaica avenue, 79 feet on 138th place and a distance of 100 feet along the south lot line, upon which it is proposed to erect a one story structure, 56 ft. by 27 ft. in area, to be used

as grease room and office and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the board deemed that the applicant has substantiated the basis of his application under section 21 of the building zone resolution as to a variation for a temporary period of five years.

Resolved, that the Board of Standards and Appeals, does hereby *amend* its resolution of July 3, 1934, so that as amended the resolution shall read as follows:

"Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted for a period of five (5) years* from the date of this action, under section 21 *on condition* that the plot shall be levelled substantially to the grade of Jamaica avenue; that the accessory buildings shall consist of building toward the easterly end as indicated on plans marked 'Received July 2, 1934' for washing and greasing, and an office building located toward the southwesterly portion as indicated on this plan; that these buildings shall be not over one story in height and shall be of design and construction as indicated on plans marked 'Received July 2, 1934'; that the ceilings shall be fire retarded in accordance with the rules of the Board of Standards and Appeals and the roof surfaced with slate or other approved incombustible materials; that on all lot lines other than the Jamaica avenue lot line there shall be constructed a face brick wall not less than 8 ft. in height except that this brick wall along 138th place, where it meets the street building line of Jamaica avenue, may start at a height of 4 ft. and be graduated upwardly at the rate of one foot in four to the 8 ft. height; that curbs of stone or concrete shall be constructed as indicated along the Jamaica avenue building line and also to enclose areas indicated for planting; that all other area where not covered by accessory buildings, walls and planting shall be cement paved or covered with cracked bluestone; that there shall be no openings to the interior lots or to 138th place except not over two (2) windows in the office building opening upon 138th place; that no gasoline pumps shall be erected nearer than 10 ft. to any street line nor to any part of an accessory building; that there shall be no portable gasoline pumps used on or from the property; that all signs advertising non-conforming uses shall be limited to illuminated globes of the gasoline pumps; that there shall be no excavation under the accessory buildings except pits for greasing racks; that there shall be no open flame permitted on the premises; that lights for general illumination shall be on pipe standards not over 10 ft. in height with metal reflectors arranged to reflect downwardly; that the entrances to the station shall be from Jamaica avenue only and shall not exceed two (2) in number, each not over 25 ft. in width; that the curb cuts shall not exceed 30 ft. in width; that prior to filing plans with the commissioner of buildings, plans shall be filed with this board and approved by chairman in behalf of the board; that such filing with this board shall be within two months; that all permits shall be obtained within six months thereafter and that all work shall be completed one year thereafter."

191-33-BZ.

APPLICANT—Joseph D. Lober, for Jamaica Service Stations, Inc., lessee.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business use district the erection and maintenance of a gasoline service station.

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PREMISES AFFECTED—West side of Sutphin boulevard, Lakewood to Shore avenues (Block No. 1144, Lot No. 12), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Joseph D. Lober.

ACTION OF BOARD—Application reopened and resolution amended

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(191-33-BZ)

WHEREAS, this application affecting premises, west side of Sutphin boulevard, Lakewood to Shore avenues (Block No. 1144, Lot No. 12), Jamaica, Borough of Queens, was granted by the board September 19, 1933, on certain conditions, resolution amended January 26, 1934, October 23, 1934, and November 27, 1934, and applicant requests a further amendment as to signs.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted for a temporary period of five (5) years from January 26, 1934, under section 21 on condition that the layout of the gasoline station shall be substantially as shown on plans filed with this appeal; that walls at least 8 ft. high shall be constructed in line with the rear wall of the accessory building to the street lines, but that at the street lines it may be racked back starting with a height of 4 ft., at the rate of 1 ft. in every 4 ft.; that the balance of the plot not occupied by accessory buildings shall be either cement-paved or covered with bluestone or similar surfacing; that such pumps as are erected shall be not nearer than 10 ft. from any building line; that the accessory building and rear lot line wall shall be constructed of face brick and that there shall be no excavation under any portion of the accessory building except for grease rack; that any windows in the rear wall of accessory building shall be fireproof, self-closing; that access to gasoline selling area shall not exceed two openings from Sutphin boulevard, two from Lakewood avenue and two from Shore avenue, these openings not to exceed 25 ft. in width each, with curb cuts opposite not to exceed 30 ft. in width each; that no part of any opening shall be nearer to the intersection of any two of the streets than 8 ft.; that except where these openings occur there shall be erected on the entire street building line a concrete curb constructed integral with the cement paving on the surface not less than 12 in. in width and not less than 5 inches in height with a rounded top; that there shall be no signs erected on the property other than a neat sign on the facade of the accessory building and the illuminated globes of the pumps, and not over one (1) illuminated sign advertising only the brand of gasoline for sale, attached to an upright erected within the building line near the intersection formed by Sutphin boulevard and Shore avenue, permitting this sign to extend beyond the building line for a distance of not over eight (8) feet, excluding all other signs and signs of a temporary nature; that no portable gasoline pumps shall be operated on or from the premises; that any illumination on the property shall be by means of lamps installed on uprights with metal reflectors, arranged so that lights will shine downwardly to avoid a nuisance to adjoining owners; and that all permits shall be obtained within six months and all work involved shall be completed within one year from the date of this resolution.

APPEALS FROM ADMINISTRATIVE ORDERS

162-35-A.

APPELLANT—John M. Baker, for The Van Iderstine Co. owner.

SUBJECT—Appeal from decisions of the fire commissioner and the commissioner of buildings.

PREMISES AFFECTED—37-59 Railroad avenue, west side, 440 ft. south of Greenpoint avenue (Block No. 312, Lot Nos. 263, 267 and 273), Long Island City, Queens.

APPEARANCES—

For Appellant: John M. Baker, B. W. Strachan, A. M. Hayes.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(162-35-A)

WHEREAS, John M. Baker, for The Van Iderstine Co., owner, filed, June 19, 1935, an appeal from decisions of the fire commissioner and the commissioner of buildings, affecting premises 37-59 Railroad avenue, west side, 440 feet south of Greenpoint avenue, (Block No. 312, Lot Nos. 263, 267 and 273), Long Island City, Borough of Queens; and

WHEREAS, the decision of the fire commissioner, rendered June 5, 1935, reads:

"In reply to your letter of May 31, 1935, please be advised that the conditions peculiar to your proposed installation make it impossible for this bureau to favorably report to the Board of Hazardous Trades your application to erect, conduct and maintain a technical establishment.

"Your application is therefore denied as per letter of May 29, 1935, viz:

"In relation to your application to erect, conduct and maintain a technical establishment (solvent degreasing plant) at your Long Island City plant, you are hereby advised that same is disapproved for the reasons that the capacity of the buried storage tanks and the capacity and location of the settling storage tanks are contrary to the provisions of Section 131, Chapter 10, Subdiv. 13-A and C which requires that all storage tanks for the storage of volatile inflammable oil shall be constructed of steel at least one-quarter of an inch in thickness, with a capacity of not more than 1,500 gallons and so set that the top or highest point thereof shall be at least two feet below the level of the lowest cellar floor of any building within a radius of ten feet from the tank. Additional requirements for this installation depend upon the capacity and location of storage system, and therefore no further recommendations may be made at this time."

and

WHEREAS, the decision of the commissioner of buildings, rendered June 18, 1935 (App. No. 2337-1935), reads:

"1. No provision is made in the Code of Ordinances covering this type of degreasing plant employing volatile inflammable oil as the solvent agent. The Code of Ordinances limits individual tank capacities for the storage of Volatile Oil to within the range of 1,500 gallons, except under Section 111, Chapter 10, covering bulk oil storage plants. Your plan is therefore disapproved. Appeal may be taken to the Board of Standards and Appeals."

and

WHEREAS, the premises consists of three lots about 424 ft. by 401 ft. in area, upon which are erected a number of frame, non-fireproof and fireproof buildings, 1, 2, 3 and 4

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stories in height, and eleven (11) steel tallow-storage tanks above ground; bounded on the southwest side by Newtown Creek and on the northeast side by the Long Island Railroad; OCCUPIED as a factory degreasing plant—rendering fats, greases and animal products by the boiling process; 450 persons employed; located within an unrestricted district; and

WHEREAS, the applicant proposes to install a modern solvent (gasoline) degreasing plant at about the centre of Lot No. 267 by using a one-story existing fireproof building, about 40 ft. by 60 ft. by 30 ft. in height; and

WHEREAS, the applicant has amended the plans filed with the board, June 19, 1935, and has substituted therefor plans filed July 17, 1935, showing new conditions and has also filed a statement reading as follows:

Mr. Harris H. Murdock, Chairman,
Board of Standards and Appeals,
Municipal Building,
New York City.

July 18, 1935.

Dear Sir:

Owing to the objections raised regarding six settling tanks of 2,500 gallons capacity each required in operating horizontal extractors with internal shaft and agitators, we find it possible to substitute vertical stationary extractors having no inner shaft, moving parts or stuffing boxes. This type is just as practical and as much used as the agitator type. The operating time required is somewhat longer so that three of these stationary extractors are required to do the same work as the two agitator type originally planned, but this method does permit of eliminating the six settling tanks objected to, and permits as a substitute, one 6,000 gallon storage tank to be buried underground, the same as the larger storage tanks for solvent.

This change also calls for the use of high speed evaporators which are a decided advantage owing to the fact that they vaporize 75 per cent of the solvent immediately as it comes from the extractors, the solvent being condensed at once and returned to the main underground storage tanks. The still storage tank, high speed evaporator and in fact all of the equipment operates under from 15 to 22 inches of mercury vacuum when containing solvent. These changes are shown on connection diagram, drawing No. 176.

In connection with above, the following changes and improvements were suggested by your board at an inspection made of our premises today, particularly building No. 9 that will contain this proposed degreasing plant and we agree to make the following changes:

1. Building No. 9 to be thoroughly cleaned and renovated, inside and any necessary exterior repairs to be made. All obsolete steam piping and any other unnecessary fixtures to be removed.
2. All of the lower steel window sashes within 15 ft. from floor line to be removed, openings bricked up to a thickness equal to existing wall.
3. All other sashes, including roof monitor to be reglazed with wire glass. Ventilating sections of all sashes to be provided with fusible links.
4. Section of breeching in opening in west wall to be removed and opening bricked up to a thickness equal to existing wall.
5. Section of breeching, extending into building from opening in east wall to be removed and remaining breeching to be provided with a counterweighted damper and fusible link. This breeching and present stack to be utilized for ventilating purposes.
6. All doors to be of approved fireproof construction and equipped with fusible links. Door openings to be provided with a raised sill of sufficient height to form a floor basin of a capacity equal to the opening of all tanks and vessels in the building.

7. There will be no drains from this room to the sewers. Any sewers encountered in excavating for outside storage tanks will be moved to a safe location to prevent any solvent entering them.
8. Outside storage tanks will be installed to conform to all requirements including encasing in concrete; all pipe connections to be made in accordance with code regulations and vents carried to proper height.
9. Present steel breeching support between building No. 9 and brick stack to be fireproofed by encasing in concrete.
10. Building to be equipped with automatic sprinklers if desired.
11. All vessels in building and buried storage tanks outside building to be provided with steam scavaging and fire extinguishing lines.

Yours truly

THE VAN IDERSTINE COMPANY.

(Signed) A. M. HAYES,

President.

(Signed) JOHN M. BAKER,

Architect and Applicant.

and

WHEREAS, these premises were the subject of an inspection by a committee of the board and the board deemed that the appeal should be granted on certain conditions.

Resolved, that the decision of the fire commissioner, rendered June 5, 1935, and the decision of the commissioner of buildings, dated June 18, 1935, under App. No. 2337-35, be and they hereby are *modified* and that the appeal be and it hereby is *granted*, permitting the installation of two storage tanks for gasoline of 12,000 gallons each and one storage tank for gasoline of 6,000 gallon capacity, *on condition* that these tanks shall be installed underground in accordance with the requirements of the Code of Ordinances, except, however, that the vent stack from each tank shall be carried up above the roof of the "degreasing" building; that any sewer line in the immediate area where these tanks are installed shall be completely removed or stopped off at a point not less than 20 feet from any tank; that the building in which gasoline or similar solvents for "degreasing" are used, as indicated on plans filed with this appeal, shall be reconstructed in accordance with the memorandum, dated July 18, 1935, filed by the Van Iderstine Co., at hearing July 19, 1935, except that the windows in the Monitor roof skylight need not be glazed with wire glass and provided, also, that the building shall be protected with such additional portable fire extinguishing equipment as the fire chief and commissioner may require; that all wiring for light and power shall be in accordance with the code for hazardous locations with all outlets of the vaporproof type; that the building shall be protected with automatic sprinklers in addition to the steam scavenging and fire extinguishing system; that the steam protection shall be controlled by a valve on the exterior of the building and properly marked "steam extinguisher for fire use only"; that there shall be available at all times, night and day, high pressure steam supply of not less than 100 pounds; that all apparatus shall be electrically grounded to the satisfaction of the fire chief and commissioner; that any extractor when not in use shall be completely emptied of gasoline; that when the plant is not in operation, all gasoline shall be removed from the equipment and stored in the underground tanks; that the plant shall at all times, for the full 24-hours, be subject to watchman's supervision; that the operator of this degreasing plant shall hold a certificate of fitness issued by the fire chief and commissioner.

184-35-A.

APPELLANT—Frederick W. Kosting, for Gulf Refining Company, owner.

SUBJECT—Appeal from an order of the fire commissioner PREMISES AFFECTED—376-412 Maspeth avenue (Block No. 2928, Lot No. 1), Brooklyn.

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APPEARANCES—

For Appellant: Frank A. Epps, Frederick W. Kostig, D. E. O'Sullivan.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition. THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(184-35-A)

WHEREAS, Frederick W. Kostig, for Gulf Refining Company, owner, filed, July 2, 1935, an appeal from an order of the fire commissioner, affecting premises 376-412 Maspeth avenue (Block No. 2928, Lot No. 1), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner, dated June 27, 1935, Order No. 66518-LC, reads:

"With reference to application dated June 21, 1935, for a permit to install one steel storage tank (capacity 400,000 gallons) above ground for the storage of fuel oil at oil storage plant located at the southeast corner of Gardiner and Maspeth avenues, Brooklyn, I regret to state that I am without power to grant such a permit for the following reason:

"1. Section III, Subdivision 5, Chapter 10, Code of Ordinances, New York, states that all storage tanks comprising or forming a part of an oil storage plant shall be buried so that the tops thereof shall be at least two feet below the ground level. In localities where physical conditions make it impracticable to place tanks under ground the fire commissioner may authorize the tanks of an oil storage plant to be placed above ground. At storage plants where the tanks are above ground no tank shall have a capacity greater than 100,000 gallons.

"The installation of a tank of 400,000 gallons capacity for the storage of fuel oil above ground is a violation of the above mentioned section and is therefore denied."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 366 feet on Maspeth avenue and a depth of 410 feet upon which are located the buildings of an oil storage plant; and

WHEREAS, it is proposed to locate on this plot, in addition to the existing structures, a steel fuel oil storage tank 48 ft. in diameter and 29 feet 6 inches high, having a capacity of 400,000 gallons; it is proposed to erect the tank on piling and concrete foundation and to be enclosed in a reinforced concrete dyke wall; the tank is to be equipped with an approved foamite system and adequate vents; and

WHEREAS, appellant contends further, that there is not available space for the erection of four tanks having a capacity of 100,000 gallons each with necessary fire wall and dykes and contends, also, that owing to the proximity of English Kills, it is impractical to bury the tank because of encountering water at a depth of about 12 feet (below grade level); and

WHEREAS, these premises were the subject of an inspection by a committee of the board and the board deemed that the appeal should not be granted unless the capacity of individual tank storage did not exceed 200,000 gallons.

Resolved, that the Order of the Fire Commissioner, No. 66518-LC, dated June 27, 1935, be and it hereby is *modified*, and the appeal be and it hereby is *granted*, permitting the installation of two (2) 200,000-gallon tanks above ground, each tank to be installed in a separate dike enclosure of the area and measurements and with the safeguards required as if the tanks were 100,000 gallons capacity each, provided the dikes are extended in height—so that each dike enclosure shall have a capacity equal to one and one-half times the capacity of the tank enclosed thereby, permitting also the installation within each dike enclosure of a filling and settling tank, provided the capacity of such tank shall not exceed 20,000 gallons, *on condition* that in addition to the existing foamite system which shall be extended for the protection of these tanks, a duplicate foamite system shall be installed in accordance with the requirements of the fire chief and commissioner; that plans showing the construction of the tank and dike and the foundations for same shall be filed with and approved by the commissioner of buildings; that this appeal is granted specifically on the basis of these tanks being used exclusively for the storage of Bunker C oil, also known as No. 6, and for no other storage, and that to make this effective, an affidavit, executed by an officer of the Gulf Refining Co., setting forth its agreement to abide by these conditions shall be filed with the fire chief and commissioner and the commissioner of buildings.

Adjourned, 12:40 p. m.

EDWARD V. BARTON, *Chief Clerk*.

NOTICE

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals June 15, 1934, as Amended July 12, 1935, and as Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS—Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

CONTROLS—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND—An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp.	Gr.	(A. P. I.)	
No. 1	Fuel Oil	"	"	"	40-44°
No. 2	"	"	"	"	36-40°
No. 3	"	"	"	"	32-36°
No. 4	"	"	"	"	28-32°
No. 5	"	"	"	"	24°+
No. 6	"	"	"	"	18°+
					10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 30 inches

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. in diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All storage tanks of more than two hundred and seventy-five (275) gallons' capacity shall be designed for a maximum steel fibre stress of not more than 18,000 pounds per square inch and capable of withstanding a hydrostatic test without permanent deformation, rupture or leakage as follows:

(1) Oval, obround, rectangular, or specially shaped storage tanks, twenty pounds per square inch:

(2) Cylindrical storage tanks, fifty pounds per square inch.

(e) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material; and where the tank is 48 inches or less in diameter the shell shall have a thickness of not less than $\frac{3}{16}$ of an inch and where the tank is over 48 inches in diameter the shell shall have a thickness of not less than $\frac{1}{4}$ of an inch. All such tanks shall be electrically grounded.

(f) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "
If distant 50 feet.....	48,000 "
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

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Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimensions of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

184-35-A—376-412 Maspeth avenue (Block No. 2928, Lot No. 1), Brooklyn.

Appliances Submitted for Approval.

938-22-SA—Johnson Improved Rotary Fuel Oil Burner.

1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP, and R.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

32-34-SA—Super Oil Burner for Pressing Machine.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

29-35-SA—Aetna Range Oil Burner.

30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

97-35-SA—Roper Rotary Pump for Fuel Oil.

113-35-SA—Ryan Marvel Oil Burner, Model M.

133-35-SA—Monarch Industrial Oil Burner.

135-35-SA—Loyalty Conversion Hot Water Heater.

156-35-SA—Gillespie Elevator Shaft Door Switch.

157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.

158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.

159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.

160-35-SA—Automatic Products Co. Costant Level Oil Burner Controls, Models 73B, 77, 261 and Model 240, Types (MAM), (MAE), (MAW), (BM), (U-nr), (P), (E), and (W-er 1).

165-35-SA—Serv-Well Range Oil Burner, Models 27B and 27T.

166-35-SA—Serv-Well Space Heater, Models 247T and 248.

167-35-SA—Serv-Well Water Heater, Models 255A and 255B.

171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.

172-35-SA—Florence Oil Space Heater, Models PH-28 and PH-8.

175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.

177-35-SA—Todd Mechanical Oil Burner. Type Hex-Press.

179-35-SA—Lonergan Automatic Hot Water Heater with Tank.

180-35-SA—Majestic Range Oil Burner, Models 27B and 27T.

181-35-SA—Majestic Space Heater, Models 247T and 248.

182-35-SA—Majestic Water Heater, Models 255A and 255B.

189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.

190-35-SA—Air-O-Flame Space Heater, Models 808, 810 and 108.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.	
Cases pending December 31, 1934	163
Cases filed up to July 17, 1935	198
Restored to Calendar	78

MISCELLANEOUS APPLICATIONS.	
Requests to reopen	249
Requests to amend	101
Requests for modification	0
Requests to rescind	4
Requests for extension of time	38
Requests for extension of permit	6
Requests for mechanical installations	0
Requests for approval of plans	8
Administrative requests	0
Requests for interpretation	0
Total	845
Disposed of	695
Cases Pending July 17, 1935	150

DISPOSITION OF CASES.	
Withdrawn	26
Dismissed	7
Denied	64
Granted	4
Granted on condition	123
Appliances approved	57
Appliances dismissed, disapproved or withdrawn....	6
Rules approved	2
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.	
Requests to reopen granted	225
Requests to reopen denied	5
Requests to amend granted	101
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	4
Requests to rescind granted	0
Requests to rescind denied	38
Requests for extension of time granted	0
Requests for extension of time denied	6
Requests for extension of permit granted	0
Requests for extension of permit denied.....	0
Requests to install granted.....	0
Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted.....	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	19
Total	695

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription JULY 30, 1935 Single Copies, 5 cents No. 31
\$2.50 a year By mail, 8 cents

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

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CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Approved Fuel Oil Pumps.

Oil Burner Rules.

Specifications for Tank Trucks and Platform Trucks.

Approved Burners for Industrial Use.

Approved Range Oil Burners and Space Heaters.

Reserve Calendar.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, September 9, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, September 16, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

New Cases Filed Up To July 24, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
202-35-A.....	F.D.....	532-540 West 46th street (Block 1074, Lot 49), Manhattan. L. C. 6522.
201-35-A.....	D.B.R.....	1406 Castleton avenue, 142 Jewett avenue, southwest corner (Block 1026, Lot 47), Port Richmond, Richmond. Decision. L. C. 4411.
200-35-A.....	F.D.....	547 West 37th street (Block 709, Lot 13), Manhattan. L. C. 4411.
199-35-A.....	F.D.....	220 West 57th street (Block 1028, Lot 42), Manhattan. L. C. 6216.

Restored to Calendar.

332-32-BZ....	D.B.Bx....	3276 Jerome avenue, southeast corner of Grand Concourse (Block 3323. Lots 55, 64 and 82), Bronx. N. B. 274-32.
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CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
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B.B.....	Board of Buildings

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Wire Glass Rules (Amendment to Rule 505 of Industrial Code)....	Apr. 10, 1923—Vol. 8, No. 15

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Fireline Hose Valves.....	July 16, 1935—Vol. 20, No. 29
Fuel Oil Burners for Domestic and Commercial Use.....	July 16, 1935—Vol. 20, No. 29
Fuel Oil Burners for Industrial Use.....	July 30, 1935—Vol. 20, No. 31
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Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19, No. 48
Range Oil Burners and Space Heaters.....	July 30, 1935—Vol. 20, No. 31

ADJOURNMENT.

Notice is hereby given that the next regular meeting of the Board of Standards and Appeals will be held on Tuesday, September 10, 1935, at 10 a. m., and that the next Clerks Calendar Call will be held on Monday, September 9, 1935, at 2 p. m.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 9, 1935, AT 2 P. M.

Building Zone Cases.

136-35-BZ.
APPLICANT—Morris Braun, for Isidore Rothman, owner.
PREMISES—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).

152-35-BZ.
APPLICANT—John Adikes, for Jamaica Savings Bank, owner.
PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue ((Block No. 669, Lot No. 55), Jamaica, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

390-27-BZ.
APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.
PREMISES—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

118-31-BZ.
APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.
PREMISES—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.
APPLICATION, under section 21 of the building zone resolution, (reopened March 5, 1935).
TO PERMIT the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board.

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolu-

CALENDAR

tion, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7^g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. NO. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, reopened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 2871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, applicant and owner, to permit the main-

tenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

SEPTEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders.

188-35-A—518-534 West 26th street (Block No. 697, Lot No. 47), Manhattan.

192-35-A—515-521 East 17th street (Block No. 975, Lot No. 10), Manhattan.

193-35-A—51-19 Queens boulevard (Block No. 506, Lot No. 53), Woodside, Borough of Queens.

Appliance Submitted for Approval

204-35-SA—Rhode Island Fill Box for Fuel Oil.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, reopened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciuszko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

138-35-BZ.

APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.

PREMISES—247-13 to 247-17 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

154-35-BZ.

APPLICANT—Samuels & Samuels, for Assets Control Company, Inc., owner.

PREMISES—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALENDAR

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

PREMISES—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPLICATION, under section 7f of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period.

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application, granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 142-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Edwin C. Georgi, applicant, on behalf of Riverside Crematory, Inc., owner, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue

(Block No. 2882, part of Lot No. 9), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, SEPTEMBER 23, 1935, AT 2 P. M.

Building Zone Cases.

140-35-BZ.

APPLICANT—Philip Markowitz, for Henrietta Fama, owner.

PREMISES—236 Bedford Park boulevard (East 200th street), south side, 25.1 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the Building Zone Resolution.

195-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners.

PREMISES—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

PREMISES—Southeast corner of Bronx boulevard and east 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 18, 1935),

TO PERMIT in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provision of the building zone resolution, *Tuesday morning, September 24, 1935*, at 10 o'clock, in Room 1013, Municipal Building on the following matters:

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NL. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in residence district and partly in a bus

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ness district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

HARRIS H. MURDOCK, *Chairman*.

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

AL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

AL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

AL. NO. 332-32-BZ—Application for Nordlinger, Riegelman and Cooper, on behalf of Kabor Holding Corporation, owner, reopened July 19.

1935, to permit under section 21 of the building zone resolution the amendment of a resolution adopted by the Board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores; premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR
MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, July 2, 1935, as they appeared in the Bulletin No. 28, Vol. XX, are hereby corrected to read as follows:

THE RESOLUTION—

(153-35-A)

WHEREAS, Samuel Rosenblum, for Midcity Realty Corporation, owner, filed June 12, 1935, an appeal from an order and decision of the commissioner of buildings, affecting premises 335-341 Canal street, northwest corner Greene street (Block No. 229, Lot Nos. 1 and 2), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated April 30, 1935 (Order No. 21339-F), reads:

"1. Install approved standpipe system in accordance with the rules of the Board of Standards and Appeals, Sec. 580-1, Art. 28, Chapter 5, Code of Ordinances."; and

WHEREAS, the decision of the commissioner of buildings, rendered June 7, 1935, reads:

"In reply to your request for reconsideration on Order 21339-F which requires a standpipe system to be installed in the above premises, you are advised that as the area of building exceeds 10,000 sq. ft., your request must be denied."; and

WHEREAS, the building is non-fireproof, 5 stories (79 ft.) in height, 65 ft., 6¾ in. by 172 ft., 3½ in., irregular, in area; OCCUPIED: Cellar—storage, 3 persons; 1st story

* Correction—dimension 712 ft. changed to 172 ft. in line 22 of resolution.

—stores, 6 persons; 2nd story—upholstering, 4 persons proposed; 3rd story—card indexing, stamping and printing, 31 persons proposed; 4th story—storage of paper and printing, 55 persons proposed; 5th story—storage of paper, 1 person; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1878, no Certificate of Occupancy has been issued; the total inside floor area of each of the 1st and 2nd stories is 10,632 sq. ft. and of each of the 3rd, 4th and 5th stories is 10,382 sq. ft.; furthermore, the 1st story is subdivided into stores, each of which has a floor area of less than 10,000 sq. ft.; the applicant contends the building was erected long before standpipe systems were required; the building is equipped throughout with a two-source, automatic sprinkler system; the floor area of the building is only slightly in excess of the area where a standpipe system would not be required; the occupancy of the building is light and the building is provided with four means of exits from each story.

Resolved, that the order of the commissioner of buildings, No. 21339-F be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, waiving the requirements for standpipe system, *on condition* that the sprinkler system shall be maintained in accordance with the Rules of the Board of Standards and Appeals; that the Central District Alarm shall be maintained and that the building and occupancy shall comply with the requirements of the Labor Law and all other requirements applicable thereto, and that the requirements of the board in connection with Cal. No. 301-27-A shall be complied with to the satisfaction of the Administrative Official having jurisdiction, and *granted* only so long as the use and occupancy remains substantially unchanged and also that the building shall not be increased in height or area.

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
American Marsh Simplex	639-25-SA	M. D. Rotary	52-27-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Monroe Oil Pump	658-26-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Northern Rotary	1396-24-SA
Beach Russ Co. Rotary	1134-22-SA	Pascoe Pump Set	1029-26-SA
Blackmer Rotary	935-24-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Quiet May Gerotor Pump	267-32-SA
Century Rotary	908-21-SA	Quimby Screw Pump	1193-21-SA
Cook Electric Oil Pump	603-25-SA	Range-O-Matic Oil Pump, Model 50 and Suction Model	102-35-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA
Marsh Fuel Oil Pump	1050-23-SA		

RULES

OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals June 15, 1934, as Amended July 12, 1935, and as Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS—Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

CONTROLS—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch ($\frac{1}{2}$ ") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half ($\frac{1}{2}$) inch plaster boards, or asbestos boards, or three-eighths ($\frac{3}{8}$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter ($\frac{1}{4}$) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($\frac{3}{4}$) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND—An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half ($2\frac{1}{2}$) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp.	Gr.	(A. P. I.)	40-44°
No. 1	Fuel Oil	"	"	"	36-40°
No. 2	"	"	"	"	32-36°
No. 3	"	"	"	"	28-32°
No. 4	"	"	"	"	24°+
No. 5	"	"	"	"	18°+
No. 6	"	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 30 inches

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. in diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material. All such tanks shall be electrically grounded.

(e) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

Correction—paragraph (d) eliminated, covered by Rule 5, section 1 and Rule 10, section 3; paragraph (e) change to (d) and portion, covering thickness of shell, eliminated, covered by Rule 5, section 1; paragraph (f) change to (e).

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter (1¼) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "
If distant 50 feet.....	48,000 "
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half (1½) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth (¼) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half (1½) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half (1½) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches (1¼") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than ½ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

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Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimensions of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

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Published at request of the Fire Chief and Commissioner

SPECIFICATIONS FOR TANK TRUCKS

To be used in the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, in accordance with the provisions of Section 113, Article 8, Chapter 10 of the Code of Ordinances, effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, storage or use within the city any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester, except in a tank truck for which a permit has been granted by the Fire Chief and Commissioner. (Sec. 113, Art. 8, Chap. 10.)
- 1.2. . . A permit is required for each tank truck for the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester. (Sec. 113, Art. 8, Chap. 10, C. of O.)
- 1.3. . . Application for a permit shall be made on forms prescribed by said Fire Chief and Commissioner and shall contain such information as he shall require. (Sec. 20, Art. 2, Chap. 10, C. of O.)
- 1.4. . . Unless otherwise provided every permit for a tank truck and the renewal thereof, shall be for a period determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Sec. 26, Art. 2, Chap. 10, C. of O.)
- 1.5. . . The permit is revocable and not transferrable and in case of a change of ownership of the truck, the new owner shall obtain a new permit. Fee \$10.00 for each truck. (Sec. 43, Art. 3, Chap. 10, C. of O.)
- 1.6. . . Complete specifications of the truck, with detail construction drawings showing plan and elevation of the tank, also carrying capacity of the chassis, shall be filed. This section will not apply to existing equipment.

RESPONSIBLE PERSON

- Sec. 2.1. . . Each tank truck for which a permit has been issued shall be under the control and supervision of a responsible person.

GRAVITY TANK TRUCK

- Sec. 3.1. . . The term gravity tank truck when used in these tank truck specifications shall be a steel tank mounted on either a motor driven or horse drawn vehicle, in which the contents shall be any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, and is drawn off through an opening or openings in the bottom of the tank whether by natural gravity flow or actuated by some mechanical means.

TANK CAPACITY

- Sec. 4.1. . . The total carrying capacity of the tank shall not exceed twenty-five hundred (2500) gallons, except that heavy oils, (Numbers 5 and 6) may be carried in a tank of not more than three thousand (3,000) gallons capacity.
- 4.2. . . The total capacity of any one compartment shall not exceed six hundred gallons (600), except that heavy oils numbers 5 and 6 may be carried in a three thousand gallon compartment.
- NOTE: See U. S. Dept. of Commerce Fuel Oil Standards CS12-33.

4.3. . .

Grade	Flash Point	
	Minimum	Maximum
No. 1. (A distillate oil for use in burners requiring a volatile fuel)	110° F.	165° F.
No. 2. (A distillate oil for use in burners requiring a moderately volatile fuel)	125° F.	190° F.
No. 3. (A distillate oil for use in burners requiring a low viscosity fuel)	150° F.	200° F.
No. 4. (An oil for use in burners requiring low viscosity fuel)	150° F.	
No. 5 (An oil for use in burners permitting a medium viscosity fuel. (Bunker B, Federal specification, 2d)	150° F.	
No. 6. (An oil for use in burners permitting a high viscosity fuel. (Bunker C, Federal specification, 2d)	150° F.	

TANK CONSTRUCTION

- Sec. 5.1. . . The tank shall be a rigid all steel structure, open hearth or blue annealed steel throughout, in accordance with the following table. Wrapper sheets shall be installed with longitudinal seams near the top. All joints shall be welded. The joints shall be welded (continuous) both inside and outside and shall be of full 45 degree fillet, except in double bulk head construction one-side welding only.
- 5.2. . . All gauges specified are U. S. Standard and apply to either single or double head construction.
- Tanks of not more than 600 gallons capacity—12 gauge shell—12 gauge head
- Tanks of over 600 gallons and not more than 1200 gallons capacity—10 gauge shell—10 gauge head
- Tanks over 1200 gallons and not more than 3000 gallons capacity—
- 400 gallon compartment and under 10 gauge shell—10 gauge head

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over 400 gallon compartment and not more than 600 gallon compartment—10 gauge shell—8 gauge head
for compartments over 600 gallon to carry 5 and 6 oils—8 gauge shell—8 gauge head
Tank capacities to conform to sections 4.1 and 4.2 of these specifications.

No permit shall be granted to a tank truck using a tank of lighter construction than above specified after July 1, 1937.

Sec. 5.3. . . Material other than open-hearth or blue annealed steels may be used if in thicknesses and designs that will give tank strengths and rigidities not less than those of the steels described and which have an equal or higher melting point.

5.4. . . All existing welded and riveted tanks will be accepted, if free from ruptures, defects and leakage.

CAPACITY INDICATOR

Sec. 6.1. . . Adjustable indicator or gauging device shall be placed in each filler opening so set as to allow three-fourths of a gallon to each one hundred (100) gallons for expansion. Total shall not be above indicator level. Indicator shall be sealed. The installation of indicators as above described, not required on existing equipment.

RELIEF VENTS

Sec. 7.1. . . Each compartment shall be provided with a breather vent. The vent shall be of the normally closed pressure controlling type, except for oils known as Numbers 5 and 6.

7.2. . . Vents of the enclosed type shall relieve at not more than five (5) pounds pressure, except for oils Numbers 5 and 6. All vents shall be provided with a 20 x 20 mesh non-corrodible wire screen.

7.3. . . Vents shall have a through area as below specified and shall be provided as follows:
3/4" diameter vent when 2" drawoff pipe is used
3/4" diameter vent when 2 1/2" drawoff pipe is used
1" diameter vent when 3" drawoff pipe is used
1 1/2" diameter vent when 4" drawoff pipe is used
1 1/2" diameter vent when 6" drawoff pipe is used

COVERS

Sec. 8.1. . . Manhole and filler openings shall be made gas and liquid tight with a hinged cover.

TEST

Sec. 9.1. . . Each compartment shall show no signs of leakage; hydrostatic test of 5 pounds per square inch will be made on demand of the Fire Chief and Commissioner.

INSIDE EMERGENCY VALVES

Sec. 10.1. . . An inside emergency valve (except compartments of one hundred and fifty (150) gallons or less) shall be provided at the outlet orifice from each compartment and shall be kept closed except during delivery

or discharging operation. Except for tanks containing Nos. 5 or 6 oil, the valve shall be of the quick closing type and arranged to close with the flow of liquid and shall be installed independent of the outside pipe connections or with a shear section which will break under strain. There shall be no stuffing box below the liquid level. In tanks containing numbers 5 or 6 oil, the valve may be either of the quick closing or of the screw type.

OUTSIDE PIPING AND VALVES

Sec. 11.1. . . Each compartment or tank shall be emptied by means of gravity or by pump or both, or if so desired, the syphon type of truck as approved for gasoline, may be used.

11.2. . . When pump is used, it shall be provided with a sealed means of bypassing so designed and set that it will not deliver more than 25 gallons per minute through a 1 1/4 inch delivery hose and not more than 50 gallons per minute when using a delivery hose not exceeding 2 inches in diameter when delivering fuel oils Numbers 1, 2, 3 and 4 as specified under Section 4.3 of these Specifications. Provisions shall be made for a pressure gauge on the discharge side of the pump. Grounded flexible hose of not more than 24 inches in length may be used between the pump and the suction end of the discharged piping.

11.3. . . On tank semi-trailer equipment which is a vehicle of the trailer type (upon which is mounted a tank) having one or more axles and two or more wheels so designed and used in conjunction with a motor vehicle that some part of its own weight and that of its own load rests upon or is carried by another vehicle, grounded flexible hose not exceeding six (6) feet in length, shall be used to connect the piping on the motor vehicle to the piping on the tank semi-trailer.

11.4. . . Piping shall be connected to the bottom of the tank, either by having the wrapper sheet flanged and special connections welded thereto, or by heavy pipe flanges welded both inside and outside to the wrapper sheet when screwed piping is used (valves excepted) the joints shall be either welded, brazed or cemented for tightness.

11.5. . . Piping shall be supported from the tank or tank structure. Rear and side outlet valves shall be protected by rear bumper or on the side by the steel running boards. Hose shall not exceed 100 feet in length.

MOUNTING

Sec. 12.1. . . Each tank shall be substantially supported by iron or pressed steel cradles or steel bolsters. The tank shall be secured to the bolsters or cradles either by welding or by approved metal straps.

12.2. . . If a wooden sill is used the hold-down bracket must be so designed that both the "U" bolts which fasten the sill to the chassis frame, and the hold-down bands which hold the tank to the cradle, become a part of the same bracket assembly, so that there will always be a metal connection between tank and chassis. The sills must be so anchored as to prevent any longitudinal movement of the tank structure relative to the chassis frame.

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BUMPERS

Sec. 13.1. . . A substantial steel bumper shall be provided at the rear, so designed as to protect the rear of each tank and the discharge valves from injury.

13.2. . . Bumpers shall be permanently secured to the chassis frame and in such a manner as to provide protection for the rear of the tank and the discharge valves.

BUCKET BOXES & RUNNING BOARDS

Sec. 14.1. . . Bucket boxes when used must be of metal construction not lighter than 14 U. S. Standard gauge—must be a permanent part of the tank structure and provided with drainage and ventilation through the bottom. Hard wood lining may be used to prevent sparking. All steel running boards shall be provided and shall not extend beyond the maximum width of the chassis. The over-all width of the assembled tank truck shall not exceed the State limitations. All rags or cotton waste shall be kept in a covered metal box.

14.2. . . Running boards constructed of wood if in good condition shall be accepted on existing equipment.

WIRING

Sec. 15.1. . . All wires from rear of the cab to the rear of the tank shall be located in rigid iron, flexible steel conduit, armored cable, or approved metal conduit with water tight connections.

15.2. . . The tail light shall be mounted at the level of the top of the tank, on the left side rear.

SMOKING

Sec. 16.1. . . Smoking on a tank truck is prohibited at all times.

CHASSIS WEIGHT

Sec. 17.1. . . The net chassis weight without accessories, such as cab, spare tire, water, gasoline, front and rear bumpers, etc., shall weigh not less than the percentage of the gross weight when fully loaded and completely equipped as follows:

For tanks	0 to 600 gallons	—25%
"	601 " 1250	" —30%
"	1251 " 3000	" —28%

When tractor-semi-trailer equipment is used, the net chassis weight shall include both the tractor and semi-trailer chassis.

EXAMPLE

17.2. . . Weight of Chassis (stripped) . . .	9245 lbs.
" " Tank (hose reel, etc.)	5300 lbs.
" " Fuel oil (1500 gal. at 7.5 per gal.)	10800 lbs.
" " Cab	500 lbs.
" " Accessories, water, gas, spare tire, etc.)	485 lbs.

26330 lbs.

28% of 26,330 lbs. equal 7372 lbs.—minimum weight of chassis acceptable.

17.3. . . A chassis to be acceptable must be accompanied by a sworn statement signed by the Chief Engineer of the company manufacturing the chassis, guaranteeing the truck to be safe for the superimposed load. Duplicate chassis may be submitted without individual sworn statements.

Sec. 17.4. . . A chassis of less weight than specified in Section 17.1 may be accepted if accompanied by a certificate of the manufacturer supported by sworn statement of the Chief Engineer or other technical expert that said chassis is sufficiently strong to carry the superimposed weight for which it is designed, and further that it is of sufficient stability at all times while stationary or in motion in traffic to be a safe vehicle on the highways.

17.5. . . The engine exhaust piping shall terminate preferably under the cab. If carried under the tank, it shall terminate not more than one-half the length of the tank from the rear. It shall be protected by a metal shield. The outlet shall be turned downward.

17.6. . . The use of any vehicle (upon which is mounted a tank) without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as full tank trailer, is prohibited.

CAB

Sec. 18.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. Engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab. The filling connection shall preferably be outside the cab. A windshield shall be provided.

18.2. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck, in a card holder.

PAINTING AND MARKING

Sec. 19.1. . . The tank and rear bucket compartment, if any, shall be painted Dark Green; but the chassis, running gear, cab, bonnet or hood of motor, or the wheels may be painted any color suitable to the applicant.

19.2. . . The metal permit plate, furnished by the Fire Department at the same time the Fire Department permit is issued, must be securely fastened to the exterior of the cab on the left side of the tank truck and be so displayed during the life of the permit.

19.3. . . The registered trade name, or the name of the person, firm or corporation owning or operating the tank truck shall be displayed on both sides of the tank in letters at least three and one-half inches high by one-half inch stroke; it is optional with the distributor to add the name of the product and the firm address.

19.4. . . The advertising of any product distributed by the person, firm or corporation operating the tank truck is permitted, but oils having a flashpoint of less than 100° F. when tested in an open cup tester shall not be advertised on any part of the tank truck.

FIRE PROTECTION

Sec. 20.1. . . Non-freezing fire appliances only shall be carried on tank trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

RULES

CANS

Sec. 21.1. . . Excess storage of the product transported or delivered not exceeding sixty (60) gallons in containers as specified in Section 113, Article 8, Chapter 10, Code of Ordinances, may be carried in the bucket compartments and it is further provided that where a delivery is made in a licensed premise, open measuring cans of a capacity not exceeding ten (10) gallons may be used if same are not left on premises as a storage container.

SPECIFICATIONS FOR PLATFORM TRUCKS

To be used for the transportation or delivery for storage, sale or use within the City, of any petroleum or shale oil, or the liquid products of either, or coal tar in accordance with Sections 113 and 114, Article 8, Chapter 10 of the Code of Ordinances effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, use or storage within the City any petroleum or shale oil, or the liquid products of either, or coal tar without a permit from the Fire Chief and Commissioner. (Sections 113 and 114, Article 8, Chapter 10, Code of Ordinances.)
- 1.2. . . Application for a permit shall be made on forms prescribed by the Fire Chief and Commissioner and shall contain such information as he shall require. (Section 20, Article 2, Chapter 10, Code of Ordinances.)
- 1.3. . . Unless otherwise provided every permit for a rack or stake truck and the renewal thereof, shall be for a period to be determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Section 26, Article 2, Chapter 10, Code of Ordinances.)
- 1.4. . . The permit is revocable, not transferrable and in the case of a change of ownership, the new owner shall obtain a new permit. (Section 43, Article 3, Chapter 10, Code of Ordinances.) Fee Ten (\$10) Dollars for each truck.
- 1.5. . . The metal plate, furnished by the Fire Department at the same time the Fire Department Permit is issued, must be securely fastened to the exterior of the cab on the left side of the truck and be so displayed during the life of the permit.
- 1.6. . . A permit shall be issued only for this type of vehicle for a gross weight of vehicle and load not to exceed a weight in pounds which shall be stated in a certified statement which is filed with the Fire Chief and Commissioner by the manufacturer of the completed chassis.

BODIES

Sec. 2.1. . . Trucks may have any type of body suitable to the applicant, provided it is mounted on a chassis in a workmanlike manner.

CAB

Sec. 3.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. The engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab.

The filling connection shall preferably be outside the cab. A windshield shall be provided.

Sec. 3.2. . . Engine fuel tanks, if attached to chassis frame and located on right side, and not extending beyond the width of the body, shall be accepted if on existing equipment.

WIRING

Sec. 4.1. . . All wiring used on this type of truck shall be kept in a safe condition.

RACKS

- Sec. 5.1. . . If rack compartments are used to hold containers they shall be substantially made and so arranged, when placed in tiers, that the construction of the lower rack compartment will support the weight of the upper rack compartment and the containers.
- 5.2. . . Products shall only be transported or delivered on a truck of this type in containers as specified in Sections 113 and 114 of Article 8 of Chapter 10 of the Code of Ordinances of the City of New York.
- 5.3. . . Containers not exceeding five (5) gallon capacity shall be transported or delivered in a case of a design that will prevent any weight or strain being placed upon the container.
- 5.4. . . Containers as specified in Section 5.2 of these specifications may be stacked in tiers if the rated gross load does not exceed the provisions of Section 1.6 of these specifications.

TRAILERS

Sec. 6.1. . . The use of any vehicle, without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as a full trailer, is prohibited.

PAINTING AND MARKING

- Sec. 7.1. . . The body of this type of truck may be painted any color suitable to the applicant.
- 7.2. . . The registered trade name or the name of the person, firm or corporation operating this type of truck shall be displayed on both sides of the truck in letters at least two inches in height by one-quarter inch stroke.

FIRE PROTECTION

Sec. 8.1. . . Non-freezing fire appliances only shall be carried on these trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

SMOKING

Sec. 9.1. . . Smoking on a truck while transporting or delivering any oils or liquids requiring a permit from the Fire Chief and Commissioner is prohibited.

RAGS

Sec. 10.1. . . All rags or cotton waste shall be kept in a covered metal box.

INSPECTION CARD

Sec. 11.1. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck in a card-holder.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D..	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Loneragan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fuel Oil Burner.....	820-23-SA
Coen Mechanical Oil Burner	942-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Concord Burner	108-35-SA	National Airoil Low Pressure Burner.....	186-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Barley Rotary Oil Burner.....	197-33-SA
D'Elia Oil Burner.....	155-31-SA	Nichols-McCann-Harrison Burners	255-31-SA
DeWalt Oil Burner.....	541-31-SA	North American Low Pressure Oil Burner....	792-26-SA
Doe Oil Burner.....	317-31-SA	Oilbilt Burner	85-33-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Oronoque Oil Burner.....	394-30-SA
Enco Mechanical Oil Burner.....	509-30-SA	Packard Fuel Oil Burner.....	77-34-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Paramount Oil Burner, Model A.....	617-30-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Forsdraft Oil Burner.....	41-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Frankfort Type P Oil Burner.....	1046-23-SA	Petro Model W Oil Burner.....	452-31-SA
Gem Fuel Oil Burner.....	111-26-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Presto Automatic Oil Burner.....	294-34-SA
Ghapco Steam Generator.....	348-31-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Quinn Oil Burning Equipment.....	367-21-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Gould Automatic Oil Burner	178-35-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Grant Oil Burner, Model "C".....	232-32-SA	Rockwell Fuel Oil Burner	341-21-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Greenawalt Down Draft Combustion Oil Burning Furnace	85-35-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Hammond Oil Burner.....	72-31-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Harris Fuel Oil Burner.....	690-30-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hart Oil Burner, Model "H".....	221-33-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Hayward Oil Burner.....	696-30-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	Standardyne Oil Burner.....	34-34-SA
Hobeco Oil Burner.....	1278-21-SA	Steam Oil Burner.....	183-22-SA
Holby Oil Burner.....	328-27-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Stewart Gasifier Oil Burner	146-35-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Sun Heat Oil Burner.....	603-29-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA		
Kelvinator Oil Burner, Model K.....	105-34-SA		
Korth Oil Burner, Model G.	136-34-SA		
Kreager Oil Burner.....	367-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun-Ray Fuel Oil Burner.....	106-33-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Sunway Oil Burner.....	624-30-SA	Vapofier Oil Burner.....	184-34-SA
Supreme Oil Burner, Model G	136-34-SA	Vapomatic Oil Burner	275-34-SA
Surface Combustion Low Pressure Burner....	92-23-SA	Vaporoil Burner	44-32-SA
Syncro-Flame Oil Burner, Model R.....	139-35-SA	Warner Oil Burner, Model A.....	16-34-SA
Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA	Wheco Oil Burner.....	108-34-SA
Tate-Jones No. 6 Oil Burner.....	1444-23-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Rotary Oil Burner.....	297-29-SA	Wizard Automatic Oil Burner.....	181-33-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Yorktown Oil Burner.....	166-33-SA
Todd Mechanical Fuel Oil Burner.....	1525-22-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Rotary Burner, Models A, B and C....	454-25-SA		
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA		

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Water Heater Assembly.....	250-34-SA	Loyalty Range Burner	302-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	National Range Oil Burner.....	361-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Putnam Range Oil Burner	54-35-SA
Fairfax Range Burner	302-34-SA	Quaker Burnoil Stove	11-31-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Quick Meal Range Burner.....	304-34-SA
Florence Range Burners.....	219-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kolrid Range Burner.....	48-34-SA	Superfex Oil Burning Heater	491-31-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Tower Range Oil Burner	126-33-SA
		Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline" Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval.

938-22-SA—Johnson Improved Rotary Fuel Oil Burner.

1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP, and R.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

32-34-SA—Super Oil Burner for Pressing Machine.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

29-35-SA—Aetna Range Oil Burner.

30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

97-35-SA—Roper Rotary Pump for Fuel Oil.

113-35-SA—Ryan Marvel Oil Burner, Model M.

133-35-SA—Monarch Industrial Oil Burner.

135-35-SA—Loyalty Conversion Hot Water Heater.

156-35-SA—Gillespie Elevator Shaft Door Switch.

157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.

158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.

159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.

160-35-SA—Automatic Products Co. Costant Level Oil Burner Controls, Models 73B, 77, 261 and Model 240, Types (MAM), (MAE), (MAW), (BM), (U-nr), (P), (E), and (W-er 1).

165-35-SA—Serv-Well Range Oil Burner, Models 27B and 27T.

166-35-SA—Serv-Well Space Heater, Models 247T and 248.

167-35-SA—Serv-Well Water Heater, Models 255A and 255B.

171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.

172-35-SA—Florence Oil Space Heater, Models PH-28 and PH-8.

175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.

177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.

179-35-SA—Lonergan Automatic Hot Water Heater with Tank.

180-35-SA—Majestic Range Oil Burner, Models 27B and 27T.

181-35-SA—Majestic Space Heater, Models 247T and 248.

182-35-SA—Majestic Water Heater, Models 255A and 255B.

189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.

190-35-SA—Air-O-Flame Space Heater, Models 808, 810 and 108.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.	
Cases pending December 31, 1934	163
Cases filed up to July 24, 1935.....	202
Restored to Calendar.....	79

MISCELLANEOUS APPLICATIONS.	
Requests to reopen	252
Requests to amend	102
Requests for modification	0
Requests to rescind	4
Requests for extension of time	38
Requests for extension of permit	6
Requests for mechanical installations	0
Requests for approval of plans	8
Administrative requests	0
Requests for interpretation	0
Total	854
Disposed of	702
Cases Pending July 24, 1935	152

DISPOSITION OF CASES.	
Withdrawn	26
Dismissed	7
Denied	64
Granted	4
Granted on condition	126
Appliances approved	57
Appliances dismissed, disapproved or withdrawn.....	6
Rules approved	2
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.	
Requests to reopen granted	227
Requests to reopen denied	5
Requests to amend granted	102
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	4
Requests to rescind denied	0
Requests for extension of time granted	38
Requests for extension of time denied	0
Requests for extension of permit granted	6
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	20
Total	702

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26, of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription **AUGUST 6, 1935** Single Copies, 5 cents No. 32
\$2.50 a year By mail, 8 cents

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELLIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

CONTENTS

- This issue of the Bulletin contains, in the order given—
- Docket.
 - Rules Directory.
 - Notice of Adjournment.
 - Court Decision.
 - Call of Clerk's Calendar.
 - The Hearing Calendar.
 - Oil Burner Rules.
 - Specifications for Tank Trucks and Platform Trucks.
 - Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, September 9, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, September 16, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed up to July 31, 1935

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
206-35-SA....	F.D....	Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572, 591 and 582.
205-35-BZ....	D.B.Q....	Appliance. 163-03 Northern boulevard, northeast corner 163rd street (Block No. 5338, Lot No. 5), Flushing, Queens. Alt. 5183-35.
204-35-SA....	F.D....	Rhode Island Fill Box for Fuel Oil. Appliance.
203-35-BZ....	D.B.Q....	Hillside avenue, southeast corner 260th street (Block No. 4536, Lot No. 33), Floral Park, Queens. Applic. 2736-35.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
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B.B.....	Board of Buildings

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Exit Rules (Revolving Doors).....	Jan. 1, 1935—Vol. 20, No. 1
Factory Exit Rules.....	June 4, 1935—Vol. 20, No. 23
Fire Alarm Rules (Interior).....	May 28, 1935—Vol. 20, No. 22
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Fuel Oil Burners for Domestic and Commercial Use.....	July 16, 1935—Vol. 20, No. 29
Fuel Oil Burners for Industrial Use.....	July 30, 1935—Vol. 20, No. 31
Fuel Oil Pumps.....	July 30, 1935—Vol. 20, No. 31
Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19, No. 48
Range Oil Burners and Space Heaters.....	July 30, 1935—Vol. 20, No. 31

ADJOURNMENT.

Notice is hereby given that the next regular meeting of the Board of Standards and Appeals will be held on Tuesday, September 10, 1935, at 10 a. m., and that the next Clerks Calendar Call will be held on Monday, September 9, 1935, at 2 p. m.

COURT DECISION

Matter of Schneider (Murdock et al)—February 19, 1935, Board denied gas station, in business district, under section 21; Cal. No. 271-34-BZ; Premises east side of Cooper avenue, 130 feet southwest of 74th street, Glendale, Queens. Mr. Justice Furman sustained Board (N. Y. L. J., July 25, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 9, 1935, AT 2 P. M.

Building Zone Cases.

136-35-BZ.

APPLICANT—Morris Braun, for Isidore Rothman, owner.

PREMISES—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.

PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue ((Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

390-27-BZ.

APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.

PREMISES—73-34 to 73-46 Cooper avenue, south side. 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

118-31-BZ.

APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.

PREMISES—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

APPLICATION, under section 21 of the building zone resolution, (reopened March 5, 1935).

TO PERMIT the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board.

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under

CALENDAR

section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. NO. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, reopened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 4871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, ap-

plicant and owner, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman*

SEPTEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders.

- 188-35-A—518-534 West 26th street (Block No. 697, Lot No. 47), Manhattan.
- 192-35-A—515-521 East 17th street (Block No. 975, Lot No. 10), Manhattan.
- 193-35-A—51-19 Queens boulevard (Block No. 506, Lot No. 53), Woodside, Borough of Queens.

Appliances Submitted for Approval

- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 204-35-SA—Rhode Island Fill Box for Fuel Oil.
- 206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, reopened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

138-35-BZ.

APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.

PREMISES—247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

154-35-BZ.

APPLICANT—Samuels & Samuels, for Assets Control Company, Inc., owner.

CALENDAR

PREMISES—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution.
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

PREMISES—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPLICATION, under section 7f of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Elljane Holding Corporation, owner.

PREMISES—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

APPLICATION, under sections 7f and 21 of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station—previously granted for a temporary period.

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application, granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to

permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 142-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Edwin C. Georgi, applicant, on behalf of Riverside Crematory, Inc., owner, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 17, 1935, 2 P. M.

Appeals from Administrative Orders.

199-35-A—220 West 57th street (Block No. 1028, Lot No. 42), Manhattan.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

202-35-A—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

Variation of Labor Law.

191-35-S—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 23, 1935, AT 2 P. M.

Building Zone Cases.

140-35-BZ.

APPLICANT—Philip Markowitz, for Henrietta Fama, owner.

PREMISES—236 Bedford Park boulevard (East 200th street), south side, 25.1 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the Building Zone Resolution.

195-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners.

PREMISES—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison owner.

CALENDAR

PREMISES—Southeast corner of Bronx boulevard and east 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 18, 1935),

TO PERMIT in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 24, 1935, at 10 o'clock, in Room 1013, Municipal Building,* on the following matters:

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution, of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop; premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NL. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building,* on the following matters:

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gar-

diner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 332-32-BZ—Application for Nordlinger, Riegelman and Cooper, on behalf of Kabor Holding Corporation, owner, reopened July 19, 1935, to permit under section 21 of the building zone resolution the amendment of a resolution adopted by the Board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores; premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

RULES

OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals June 15, 1934, as Amended July 12, 1935, and as Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS—Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

CONTROLS—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch ($\frac{1}{2}$ ") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half ($\frac{1}{2}$) inch plaster boards, or asbestos boards, or three-eighths ($\frac{3}{8}$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter ($\frac{1}{4}$) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($\frac{3}{4}$) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND—An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half ($2\frac{1}{2}$) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp.	Gr.	(A. P. I.)	40-44°
No. 1	Fuel Oil	"	"	"	36-40°
No. 2	"	"	"	"	32-36°
No. 3	"	"	"	"	28-32°
No. 4	"	"	"	"	24°+
No. 5	"	"	"	"	18°+
No. 6	"	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 30 inches

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. in diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material. All such tanks shall be electrically grounded.

(e) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

Correction—paragraph (d) eliminated, covered by Rule 5, section 1 and Rule 10, section 3; paragraph (e) change to (d) and portion, covering thickness of shell, eliminated, covered by Rule 5, section 1; paragraph (f) change to (e).

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "
If distant 50 feet.....	48,000 "
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

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Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimensions of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

RULES

Published at request of the Fire Chief and Commissioner

SPECIFICATIONS FOR TANK TRUCKS

To be used in the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, in accordance with the provisions of Section 113, Article 8, Chapter 10 of the Code of Ordinances, effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, storage or use within the city any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester, except in a tank truck for which a permit has been granted by the Fire Chief and Commissioner. (Sec. 113, Art. 8, Chap. 10.)
- 1.2. . . A permit is required for each tank truck for the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester. (Sec. 113, Art. 8, Chap. 10, C. of O.)
- 1.3. . . Application for a permit shall be made on forms prescribed by said Fire Chief and Commissioner and shall contain such information as he shall require. (Sec. 20, Art. 2, Chap. 10, C. of O.)
- 1.4. . . Unless otherwise provided every permit for a tank truck and the renewal thereof, shall be for a period determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Sec. 26, Art. 2, Chap. 10, C. of O.)
- 1.5. . . The permit is revocable and not transferrable and in case of a change of ownership of the truck, the new owner shall obtain a new permit. Fee \$10.00 for each truck. (Sec. 43, Art. 3, Chap. 10, C. of O.)
- 1.6. . . Complete specifications of the truck, with detail construction drawings showing plan and elevation of the tank, also carrying capacity of the chassis, shall be filed. This section will not apply to existing equipment.

RESPONSIBLE PERSON

- Sec. 2.1. . . Each tank truck for which a permit has been issued shall be under the control and supervision of a responsible person.

GRAVITY TANK TRUCK

- Sec. 3.1. . . The term gravity tank truck when used in these tank truck specifications shall be a steel tank mounted on either a motor driven or horse drawn vehicle, in which the contents shall be any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, and is drawn off through an opening or openings in the bottom of the tank whether by natural gravity flow or actuated by some mechanical means.

TANK CAPACITY

- Sec. 4.1. . . The total carrying capacity of the tank shall not exceed twenty-five hundred (2500) gallons, except that heavy oils, (Numbers 5 and 6) may be carried in a tank of not more than three thousand (3,000) gallons capacity.

- 4.2. . . The total capacity of any one compartment shall not exceed six hundred gallons (600), except that heavy oils numbers 5 and 6 may be carried in a three thousand gallon compartment.

NOTE: See U. S. Dept. of Commerce Fuel Oil Standards CS12-33.

4.3. . .

Grade	Flash Point	
	Minimum	Maximum
No. 1. (A distillate oil for use in burners requiring a volatile fuel)	110° F.	165° F.
No. 2. (A distillate oil for use in burners requiring a moderately volatile fuel)	125° F.	190° F.
No. 3. (A distillate oil for use in burners requiring a low viscosity fuel)	150° F.	200° F.
No. 4. (An oil for use in burners requiring low viscosity fuel)	150° F.	
No. 5 (An oil for use in burners permitting a medium viscosity fuel. (Bunker B, Federal specification, 2d)	150° F.	
No. 6. (An oil for use in burners permitting a high viscosity fuel. (Bunker C, Federal specification, 2d)	150° F.	

TANK CONSTRUCTION

- Sec. 5.1. . . The tank shall be a rigid all steel structure, open hearth or blue annealed steel throughout, in accordance with the following table. Wrapper sheets shall be installed with longitudinal seams near the top. All joints shall be welded. The joints shall be welded (continuous) both inside and outside and shall be of full 45 degree fillet, except in double bulk head construction one-side welding only.

- 5.2. . . All gauges specified are U. S. Standard and apply to either single or double head construction.

Tanks of not more than 600 gallons capacity—12 gauge shell—12 gauge head

Tanks of over 600 gallons and not more than 1200 gallons capacity—10 gauge shell—10 gauge head

Tanks over 1200 gallons and not more than 3000 gallons capacity—

400 gallon compartment and under 10 gauge shell—10 gauge head

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over 400 gallon compartment and not more than 600 gallon compartment—10 gauge shell—8 gauge head
for compartments over 600 gallon to carry 5 and 6 oils—8 gauge shell—8 gauge head
Tank capacities to conform to sections 4.1 and 4.2 of these specifications.
No permit shall be granted to a tank truck using a tank of lighter construction than above specified after July 1, 1937.

Sec. 5.3. . . Material other than open-hearth or blue annealed steels may be used if in thicknesses and designs that will give tank strengths and rigidities not less than those of the steels described and which have an equal or higher melting point.

5.4. . . All existing welded and riveted tanks will be accepted, if free from ruptures, defects and leakage.

CAPACITY INDICATOR

Sec. 6.1. . . Adjustable indicator or gauging device shall be placed in each filler opening so set as to allow three-fourths of a gallon to each one hundred (100) gallons for expansion. Total shall not be above indicator level. Indicator shall be sealed. The installation of indicators as above described, not required on existing equipment.

RELIEF VENTS

Sec. 7.1. . . Each compartment shall be provided with a breather vent. The vent shall be of the normally closed pressure controlling type, except for oils known as Numbers 5 and 6.

7.2. . . Vents of the enclosed type shall relieve at not more than five (5) pounds pressure, except for oils Numbers 5 and 6. All vents shall be provided with a 20 x 20 mesh non-corrodible wire screen.

7.3. . . Vents shall have a through area as below specified and shall be provided as follows:
3/4" diameter vent when 2" drawoff pipe is used
3/4" diameter vent when 2 1/2" drawoff pipe is used
1" diameter vent when 3" drawoff pipe is used
1 1/2" diameter vent when 4" drawoff pipe is used
1 1/2" diameter vent when 6" drawoff pipe is used

COVERS

Sec. 8.1. . . Manhole and filler openings shall be made gas and liquid tight with a hinged cover.

TEST

Sec. 9.1. . . Each compartment shall show no signs of leakage: hydrostatic test of 5 pounds per square inch will be made on demand of the Fire Chief and Commissioner.

INSIDE EMERGENCY VALVES

Sec. 10.1. . . An inside emergency valve (except compartments of one hundred and fifty (150) gallons or less) shall be provided at the outlet orifice from each compartment and shall be kept closed except during delivery

or discharging operation. Except for tanks containing Nos. 5 or 6 oil, the valve shall be of the quick closing type and arranged to close with the flow of liquid and shall be installed independent of the outside pipe connections or with a shear section which will break under strain. There shall be no stuffing box below the liquid level. In tanks containing numbers 5 or 6 oil, the valve may be either of the quick closing or of the screw type.

OUTSIDE PIPING AND VALVES

Sec. 11.1. . . Each compartment or tank shall be emptied by means of gravity or by pump or both, or if so desired, the syphon type of truck as approved for gasoline, may be used.

11.2. . . When pump is used, it shall be provided with a sealed means of bypassing so designed and set that it will not deliver more than 25 gallons per minute through a 1 1/4 inch delivery hose and not more than 50 gallons per minute when using a delivery hose not exceeding 2 inches in diameter when delivering fuel oils Numbers 1, 2, 3 and 4 as specified under Section 4.3 of these Specifications. Provisions shall be made for a pressure gauge on the discharge side of the pump. Grounded flexible hose of not more than 24 inches in length may be used between the pump and the suction end of the discharged piping.

11.3. . . On tank semi-trailer equipment which is a vehicle of the trailer type (upon which is mounted a tank) having one or more axles and two or more wheels so designed and used in conjunction with a motor vehicle that some part of its own weight and that of its own load rests upon or is carried by another vehicle, grounded flexible hose not exceeding six (6) feet in length, shall be used to connect the piping on the motor vehicle to the piping on the tank semi-trailer.

11.4. . . Piping shall be connected to the bottom of the tank, either by having the wrapper sheet flanged and special connections welded thereto, or by heavy pipe flanges welded both inside and outside to the wrapper sheet when screwed piping is used (valves excepted) the joints shall be either welded, brazed or cemented for tightness.

11.5. . . Piping shall be supported from the tank or tank structure. Rear and side outlet valves shall be protected by rear bumper or on the side by the steel running boards. Hose shall not exceed 100 feet in length.

MOUNTING

Sec. 12.1. . . Each tank shall be substantially supported by iron or pressed steel cradles or steel bolsters. The tank shall be secured to the bolsters or cradles either by welding or by approved metal straps.

12.2. . . If a wooden sill is used the hold-down bracket must be so designed that both the "U" bolts which fasten the sill to the chassis frame, and the hold-down bands which hold the tank to the cradle, become a part of the same bracket assembly, so that there will always be a metal connection between tank and chassis. The sills must be so anchored as to prevent any longitudinal movement of the tank structure relative to the chassis frame.

RULES

BUMPERS

- Sec. 13.1. . . A substantial steel bumper shall be provided at the rear, so designed as to protect the rear of each tank and the discharge valves from injury.
- 13.2. . . Bumpers shall be permanently secured to the chassis frame and in such a manner as to provide protection for the rear of the tank and the discharge valves.

BUCKET BOXES & RUNNING BOARDS

- Sec. 14.1. . . Bucket boxes when used must be of metal construction not lighter than 14 U. S. Standard gauge—must be a permanent part of the tank structure and provided with drainage and ventilation through the bottom. Hard wood lining may be used to prevent sparking. All steel running boards shall be provided and shall not extend beyond the maximum width of the chassis. The over-all width of the assembled tank truck shall not exceed the State limitations. All rags or cotton waste shall be kept in a covered metal box.
- 14.2. . . Running boards constructed of wood if in good condition shall be accepted on existing equipment.

WIRING

- Sec. 15.1. . . All wires from rear of the cab to the rear of the tank shall be located in rigid iron, flexible steel conduit, armored cable, or approved metal conduit with water tight connections.
- 15.2. . . The tail light shall be mounted at the level of the top of the tank, on the left side rear.

SMOKING

- Sec. 16.1. . . Smoking on a tank truck is prohibited at all times.

CHASSIS WEIGHT

- Sec. 17.1. . . The net chassis weight without accessories, such as cab, spare tire, water, gasoline, front and rear bumpers, etc., shall weigh not less than the percentage of the gross weight when fully loaded and completely equipped as follows:

For tanks	0	to	600	gallons—	25%
"	"	601	"	1250	" —30%
"	"	1251	"	3000	" —28%

When tractor-semi-trailer equipment is used, the net chassis weight shall include both the tractor and semi-trailer chassis.

EXAMPLE

17.2. . . Weight of Chassis (stripped) . . .	9245 lbs.
" " Tank (hose reel, etc.)	5300 lbs.
" " Fuel oil (1500 gal. at 7.5 per gal.)	10800 lbs.
" " Cab	500 lbs.
" " Accessories, water, gas, spare tire, etc.)	485 lbs.

26330 lbs.

28% of 26,330 lbs. equal 7372 lbs.—minimum weight of chassis acceptable.

- 17.3. . . A chassis to be acceptable must be accompanied by a sworn statement signed by the Chief Engineer of the company manufacturing the chassis, guaranteeing the truck to be safe for the superimposed load. Duplicate chassis may be submitted without individual sworn statements.

- Sec. 17.4. . . A chassis of less weight than specified in Section 17.1 may be accepted if accompanied by a certificate of the manufacturer supported by sworn statement of the Chief Engineer or other technical expert that said chassis is sufficiently strong to carry the superimposed weight for which it is designed, and further that it is of sufficient stability at all times while stationary or in motion in traffic to be a safe vehicle on the highways.

- 17.5. . . The engine exhaust piping shall terminate preferably under the cab. If carried under the tank, it shall terminate not more than one-half the length of the tank from the rear. It shall be protected by a metal shield. The outlet shall be turned downward.

- 17.6. . . The use of any vehicle (upon which is mounted a tank) without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as full tank trailer, is prohibited.

CAB

- Sec. 18.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. Engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab. The filling connection shall preferably be outside the cab. A windshield shall be provided.
- 18.2. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck, in a card holder.

PAINTING AND MARKING

- Sec. 19.1. . . The tank and rear bucket compartment, if any, shall be painted Dark Green; but the chassis, running gear, cab, bonnet or hood of motor, or the wheels may be painted any color suitable to the applicant.
- 19.2. . . The metal permit plate, furnished by the Fire Department at the same time the Fire Department permit is issued, must be securely fastened to the exterior of the cab on the left side of the tank truck and be so displayed during the life of the permit.
- 19.3. . . The registered trade name, or the name of the person, firm or corporation owning or operating the tank truck shall be displayed on both sides of the tank in letters at least three and one-half inches high by one-half inch stroke; it is optional with the distributor to add the name of the product and the firm address.
- 19.4. . . The advertising of any product distributed by the person, firm or corporation operating the tank truck is permitted, but oils having a flashpoint of less than 100° F. when tested in an open cup tester shall not be advertised on any part of the tank truck.

FIRE PROTECTION

- Sec. 20.1. . . Non-freezing fire appliances only shall be carried on tank trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

RULES

CANS

Sec. 21.1. . . Excess storage of the product transported or delivered not exceeding sixty (60) gallons in containers as specified in Section 113, Article 8, Chapter 10, Code of Ordinances, may be carried in the bucket compartments and it is further provided that where a delivery is made in a licensed premise, open measuring cans of a capacity not exceeding ten (10) gallons may be used if same are not left on premises as a storage container.

SPECIFICATIONS FOR PLATFORM TRUCKS

To be used for the transportation or delivery for storage, sale or use within the City, of any petroleum or shale oil, or the liquid products of either, or coal tar in accordance with Sections 113 and 114, Article 8, Chapter 10 of the Code of Ordinances effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, use or storage within the City any petroleum or shale oil, or the liquid products of either, or coal tar without a permit from the Fire Chief and Commissioner. (Sections 113 and 114, Article 8, Chapter 10, Code of Ordinances.)
- 1.2. . . Application for a permit shall be made on forms prescribed by the Fire Chief and Commissioner and shall contain such information as he shall require. (Section 20, Article 2, Chapter 10, Code of Ordinances.)
- 1.3. . . Unless otherwise provided every permit for a rack or stake truck and the renewal thereof, shall be for a period to be determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Section 26, Article 2, Chapter 10, Code of Ordinances.)
- 1.4. . . The permit is revocable, not transferrable and in the case of a change of ownership, the new owner shall obtain a new permit. (Section 43, Article 3, Chapter 10, Code of Ordinances.) Fee Ten (\$10) Dollars for each truck.
- 1.5. . . The metal plate, furnished by the Fire Department at the same time the Fire Department Permit is issued, must be securely fastened to the exterior of the cab on the left side of the truck and be so displayed during the life of the permit.
- 1.6. . . A permit shall be issued only for this type of vehicle for a gross weight of vehicle and load not to exceed a weight in pounds which shall be stated in a certified statement which is filed with the Fire Chief and Commissioner by the manufacturer of the completed chassis.

BODIES

Sec. 2.1. . . Trucks may have any type of body suitable to the applicant, provided it is mounted on a chassis in a workmanlike manner.

CAB

Sec. 3.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. The engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab.

The filling connection shall preferably be outside the cab. A windshield shall be provided.

Sec. 3.2. . . Engine fuel tanks, if attached to chassis frame and located on right side, and not extending beyond the width of the body, shall be accepted if on existing equipment.

WIRING

Sec. 4.1. . . All wiring used on this type of truck shall be kept in a safe condition.

RACKS

- Sec. 5.1. . . If rack compartments are used to hold containers they shall be substantially made and so arranged, when placed in tiers, that the construction of the lower rack compartment will support the weight of the upper rack compartment and the containers.
- 5.2. . . Products shall only be transported or delivered on a truck of this type in containers as specified in Sections 113 and 114 of Article 8 of Chapter 10 of the Code of Ordinances of the City of New York.
- 5.3. . . Containers not exceeding five (5) gallon capacity shall be transported or delivered in a case of a design that will prevent any weight or strain being placed upon the container.
- 5.4. . . Containers as specified in Section 5.2 of these specifications may be stacked in tiers if the rated gross load does not exceed the provisions of Section 1.6 of these specifications.

TRAILERS

Sec. 6.1. . . The use of any vehicle, without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as a full trailer, is prohibited.

PAINTING AND MARKING

- Sec. 7.1. . . The body of this type of truck may be painted any color suitable to the applicant.
- 7.2. . . The registered trade name or the name of the person, firm or corporation operating this type of truck shall be displayed on both sides of the truck in letters at least two inches in height by one-quarter inch stroke.

FIRE PROTECTION

Sec. 8.1. . . Non-freezing fire appliances only shall be carried on these trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

SMOKING

Sec. 9.1. . . Smoking on a truck while transporting or delivering any oils or liquids requiring a permit from the Fire Chief and Commissioner is prohibited.

RAGS

Sec. 10.1. . . All rags or cotton waste shall be kept in a covered metal box.

INSPECTION CARD

Sec. 11.1. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck in a card-holder.

PROGRESS REPORT

DOCKET.	
Cases pending December 31, 1934	163
Cases filed up to July 31, 1935	206
Restored to Calendar	79

MISCELLANEOUS APPLICATIONS.	
Requests to reopen	252
Requests to amend	102
Requests for modification	0
Requests to rescind	4
Requests for extension of time	38
Requests for extension of permit	6
Requests for mechanical installations	0
Requests for approval of plans	8
Administrative requests	0
Requests for interpretation	0
Total	858
Disposed of	702
Cases Pending July 31, 1935	156

DISPOSITION OF CASES.	
Withdrawn	26
Dismissed	7
Denied	64
Granted	4
Granted on condition	126
Appliances approved	57
Appliances dismissed, disapproved or withdrawn.....	6
Rules approved	2
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MISCELLANEOUS ACTIONS.	
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Requests to reopen denied	5
Requests to amend granted	102
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	4
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Requests for extension of time denied	0
Requests for extension of permit granted	6
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	20
Total	702

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

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Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year AUGUST 13, 1935 Single Copies, 5 cents By mail, 8 cents No. 33

DIRECTORY

BOARD OF STANDARDS AND APPEALS

- HARRIS H. MURDOCK, Chairman
BERNARD A. SAVAGE
CHARLES M. BLUM
CHIEF JOHN J. McELIGOTT
EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.
TELEPHONE—WORTH 2-0184.
OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.
All communications should be addressed to the chairman of the board

CONTENTS

- This issue of the Bulletin contains, in the order given—
- Docket.
 - Rules Directory.
 - Notice of Adjournment.
 - Call of Clerk's Calendar.
 - The Hearing Calendar.
 - Approved Burners for Industrial Use.
 - Approved Range Oil Burners and Space Heaters.
 - Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.
Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, September 9, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.
The next subsequent Call of the Calendar will be on Monday, September 16, 1935, at 2 o'clock.
The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.
Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.
Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.
At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.
Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.
Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed up to August 7, 1935

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
210-35-A....	D.B.M.....	243 West 42nd street (Block No. 1014, Lot 12), Manhattan. Viol. 4067-35.
209-35-A....	F.D.....	520 East 70th street, block bounded by 68th to 70th streets, York avenue to Exterior street (Blocks 1480 to 1481), Manhattan. L. C. 6436.
208-35-SA...	F.D.....	Oceco Rotary Pump (for Petroleum Products). Appliance.
207-35-SA...	F.D.....	Cole's Hot Blast Oil Burning Stove. Appliance.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

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ADJOURNMENT.

Notice is hereby given that the next regular meeting of the Board of Standards and Appeals will be held on Tuesday, September 10, 1935, at 10 a. m., and that the next Clerks Calendar Call will be held on Monday, September 9, 1935, at 2 p. m.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 9, 1935, AT 2 P. M.

Building Zone Cases.

136-35-BZ.
APPLICANT—Morris Braun, for Isidore Rothman, owner.
PREMISES—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).

152-35-BZ.
APPLICANT—John Adikes, for Jamaica Savings Bank, owner.
PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue ((Block No. 669, Lot No. 55), Jamaica, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

390-27-BZ.
APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.
PREMISES—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

118-31-BZ.
APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.
PREMISES—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.
APPLICATION, under section 21 of the building zone resolution, (reopened March 5, 1935).
TO PERMIT the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board.

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CALENDAR

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. NO. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, reopened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 1871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, applicant and owner, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest

corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders.

188-35-A—518-534 West 26th street (Block No. 697, Lot No. 47), Manhattan.

192-35-A—515-521 East 17th street (Block No. 975, Lot No. 10), Manhattan.

193-35-A—51-19 Queens boulevard (Block No. 506, Lot No. 53), Woodside, Borough of Queens.

Appliances Submitted for Approval

163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.

204-35-SA—Rhode Island Fill Box for Fuel Oil.

206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, reopened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

138-35-BZ.

APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.

PREMISES—247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

154-35-BZ.

APPLICANT—Samuels & Samuels, for Assets Control Company, Inc., owner.

PREMISES—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALENDAR

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

PREMISES—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPLICATION, under section 7f of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Elljane Holding Corporation, owner.

PREMISES—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

APPLICATION, under sections 7f and 21 of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station—previously granted for a temporary period.

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, or behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application, granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 142-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Edwin C. Georgi, applicant, on behalf of Riverside Crematory, Inc., owner, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 17, 1935, 2 P. M.

Appeals from Administrative Orders.

199-35-A—220 West 57th street (Block No. 1028, Lot No. 42), Manhattan.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

202-35-A—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

Variation of Labor Law.

191-35-S—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 23, 1935, AT 2 P. M.

Building Zone Cases.

140-35-BZ.

APPLICANT—Philip Markowitz, for Henrietta Fama, owner.

PREMISES—236 Bedford Park boulevard (East 200th street), south side, 25.1 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the Building Zone Resolution.

195-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners.

PREMISES—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

PREMISES—Southeast corner of Bronx boulevard and east 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 18, 1935),

TO PERMIT in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

CALENDAR

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

PREMISES—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 24, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution, of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop; premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NL. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 332-32-BZ—Application for Nordlinger, Riegelman and Cooper, on behalf of Kabor Holding Corporation, owner, reopened July 19, 1935, to permit under section 21 of the building zone resolution the amendment of a resolution adopted by the Board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores; premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D..	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Loneragan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fuel Oil Burner.....	820-23-SA
Coen Mechanical Oil Burner	942-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Concord Burner	108-35-SA	National Airoil Low Pressure Burner.....	186-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Barley Rotary Oil Burner.....	197-33-SA
D'Elia Oil Burner.....	155-31-SA	Nichols-McCann-Harrison Burners	255-31-SA
DeWalt Oil Burner.....	541-31-SA	North American Low Pressure Oil Burner....	792-26-SA
Doe Oil Burner.....	317-31-SA	Oilbilt Burner	85-33-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Oronoque Oil Burner.....	394-30-SA
Enco Mechanical Oil Burner.....	509-30-SA	Packard Fuel Oil Burner.....	77-34-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Paramount Oil Burner, Model A.....	617-30-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Forsdraft Oil Burner.....	41-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Frankfort Type P Oil Burner.....	1046-23-SA	Petro Model W Oil Burner.....	452-31-SA
Gem Fuel Oil Burner.....	111-26-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Presto Automatic Oil Burner.....	294-34-SA
Ghapco Steam Generator.....	348-31-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Quinn Oil Burning Equipment.....	367-21-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Gould Automatic Oil Burner	178-35-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Grant Oil Burner, Model "C".....	232-32-SA	Rockwell Fuel Oil Burner	341-21-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Greenawalt Down Draft Combustion Oil Burning Furnace	85-35-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Hammond Oil Burner.....	72-31-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Harris Fuel Oil Burner.....	690-30-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hart Oil Burner, Model "H".....	221-33-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Hayward Oil Burner.....	696-30-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	Standardyne Oil Burner.....	34-34-SA
Hobeco Oil Burner.....	1278-21-SA	Steam Oil Burner.....	183-22-SA
Holby Oil Burner.....	328-27-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Stewart Gasifier Oil Burner	146-35-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Sun Heat Oil Burner.....	603-29-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA		
Kelvinator Oil Burner, Model K.....	105-34-SA		
Korth Oil Burner, Model G.	136-34-SA		
Kreager Oil Burner.....	367-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun-Ray Fuel Oil Burner.....	106-33-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Sunway Oil Burner.....	624-30-SA	Vapofier Oil Burner.....	184-34-SA
Supreme Oil Burner, Model G	136-34-SA	Vapomatic Oil Burner	275-34-SA
Surface Combustion Low Pressure Burner....	92-23-SA	Vaporoil Burner	44-32-SA
Syncro-Flame Oil Burner, Model R.....	139-35-SA	Warner Oil Burner, Model A.....	16-34-SA
Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA	Wheco Oil Burner.....	108-34-SA
Tate-Jones No. 6 Oil Burner.....	1444-23-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Rotary Oil Burner.....	297-29-SA	Wizard Automatic Oil Burner.....	181-33-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Yorktown Oil Burner.....	166-33-SA
Todd Mechanical Fuel Oil Burner.....	1525-22-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Rotary Burner, Models A, B and C....	454-25-SA		
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA		

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
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Florence Oil Heater. Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Quaker Burnoil Stove	11-31-SA
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Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
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NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

PROGRESS REPORT

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Requests for extension of time denied	0
Requests for extension of permit granted	6
Requests for extension of permit denied	0
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Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
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Requests withdrawn or dismissed	20
Total	702

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

AUGUST 20, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 34

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Approved Range Oil Burners and Space Heaters.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, September 9, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, September 16, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

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213-35-SA...	F.D.....	Preferred Fill Box. Appliance.
212-35-BZ...	D.B.B.....	6507 Ft. Hamilton Parkway, southeast corner of 65th street (Block 5750, Lot 42), Brooklyn. Applic. 4385-35.
211-35-A....	F.D.....	211 East 48th street (Block 1322, Lot 7½), Manhattan. 3673-C.

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Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19, No. 48
Range Oil Burners and Space Heaters	Aug. 20, 1935—Vol. 20, No. 34

ADJOURNMENT.

Notice is hereby given that the next regular meeting of the Board of Standards and Appeals will be held on Tuesday, September 10, 1935, at 10 a. m., and that the next Clerks Calendar Call will be held on Monday, September 9, 1935, at 2 p. m.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 9, 1935, AT 2 P. M.

Building Zone Cases.

136-35-BZ.
APPLICANT—Morris Braun, for Isidore Rothman, owner.
PREMISES—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.
PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue ((Block No. 669, Lot No. 55), Jamaica, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

390-27-BZ.

APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.
PREMISES—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

118-31-BZ.

APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.
PREMISES—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.
APPLICATION, under section 21 of the building zone resolution, (reopened March 5, 1935).
TO PERMIT the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board.

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CALENDAR

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Boughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. NO. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, reopened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 2871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, applicant and owner, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest

corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders.

188-35-A—518-534 West 26th street (Block No. 697, Lot No. 47), Manhattan.

192-35-A—515-521 East 17th street (Block No. 975, Lot No. 10), Manhattan.

193-35-A—51-19 Queens boulevard (Block No. 506, Lot No. 53), Woodside, Borough of Queens.

Appliances Submitted for Approval

163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.

204-35-SA—Rhode Island Fill Box for Fuel Oil.

206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, reopened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

138-35-BZ.

APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.

PREMISES—247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

154-35-BZ.

APPLICANT—Samuels & Samuels, for Assets Control Company, Inc., owner.

PREMISES—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALENDAR

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

PREMISES—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPLICATION, under section 7f of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Elljane Holding Corporation, owner.

PREMISES—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

APPLICATION, under sections 7f and 21 of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station—previously granted for a temporary period.

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application, granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 142-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Edwin C. Georgi, applicant, on behalf of Riverside Crematory, Inc., owner, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 17, 1935, 2 P. M.

Appeals from Administrative Orders.

199-35-A—220 West 57th street (Block No. 1028, Lot No. 42), Manhattan.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

202-35-A—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

Variation of Labor Law.

191-35-S—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 23, 1935, AT 2 P. M.

Building Zone Cases.

140-35-BZ.

APPLICANT—Philip Markowitz, for Henrietta Fama, owner.

PREMISES—236 Bedford Park boulevard (East 200th street), south side, 25.1 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the Building Zone Resolution.

195-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners.

PREMISES—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

PREMISES—Southeast corner of Bronx boulevard and east 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 18, 1935),

TO PERMIT in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

CALENDAR

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

PREMISES—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened July 16, 1935), TO PERMIT the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 24, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution, of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop; premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NL. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 332-32-BZ—Application for Nordlinger, Riegelman and Cooper, on behalf of Kabor Holding Corporation, owner, reopened July 19, 1935, to permit under section 21 of the building zone resolution the amendment of a resolution adopted by the Board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores; premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D..	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Loneragan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fuel Oil Burner.....	820-23-SA
Coen Mechanical Oil Burner	942-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Concord Burner	108-35-SA	National Airoil Low Pressure Burner.....	186-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Barley Rotary Oil Burner.....	197-33-SA
D'Elia Oil Burner.....	155-31-SA	Nichols-McCann-Harrison Burners	255-31-SA
DeWalt Oil Burner.....	541-31-SA	North American Low Pressure Oil Burner....	792-26-SA
Doe Oil Burner.....	317-31-SA	Oilbilt Burner	85-33-SA
Enco Type 400 Steam Atomizing Oil Burner .	1414-23-SA	Oronogue Oil Burner.....	394-30-SA
Enco Mechanical Oil Burner.....	509-30-SA	Packard Fuel Oil Burner.....	77-34-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Paramount Oil Burner, Model A.....	617-30-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
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Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Quinn Oil Burning Equipment.....	367-21-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Gould Automatic Oil Burner	178-35-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Grant Oil Burner, Model "C".....	232-32-SA	Rockwell Fuel Oil Burner	341-21-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Greenawalt Down Draft Combustion Oil Burn- ing Furnace	85-35-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
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Harris Fuel Oil Burner.....	690-30-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hart Oil Burner, Model "H".....	221-33-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Hayward Oil Burner.....	696-30-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	Standardyne Oil Burner.....	34-34-SA
Hobeco Oil Burner.....	1278-21-SA	Steam Oil Burner.....	183-22-SA
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Holby Type B Fuel Oil Burner.....	689-29-SA	Stewart Gasifier Oil Burner	146-35-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Sun Heat Oil Burner.....	603-29-SA
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Korth Oil Burner, Model G.	136-34-SA		
Kreager Oil Burner.....	367-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun-Ray Fuel Oil Burner.....	106-33-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
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Supreme Oil Burner, Model G	136-34-SA	Vapomatic Oil Burner	275-34-SA
Surface Combustion Low Pressure Burner....	92-23-SA	Vaporoil Burner	44-32-SA
Syncro-Flame Oil Burner, Model R.....	139-35-SA	Warner Oil Burner, Model A.....	16-34-SA
Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA	Wheco Oil Burner.....	108-34-SA
Tate-Jones No. 6 Oil Burner.....	1444-23-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Rotary Oil Burner.....	297-29-SA	Wizard Automatic Oil Burner.....	181-33-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Yorktown Oil Burner.....	166-33-SA
Todd Mechanical Fuel Oil Burner.....	1525-22-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Rotary Burner, Models A, B and C....	454-25-SA		
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA		

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Loneragan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Loyalty Range Burner	302-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	National Range Oil Burner.....	361-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Fairfax Range Burner	302-34-SA	Putnam Range Oil Burner	54-35-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Quaker Burnoil Stove	11-31-SA
Florence Range Burners.....	219-34-SA	Quick Meal Range Burner.....	304-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kolrid Range Burner.....	48-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Superfex Oil Burning Heater	491-31-SA
		Tower Range Oil Burner	126-33-SA
		Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

PROGRESS REPORT

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Requests to amend granted	102
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	4
Requests to rescind denied	0
Requests for extension of time granted	38
Requests for extension of time denied	0
Requests for extension of permit granted	6
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
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Total	702

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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52.03
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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

AUGUST 27, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 35

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELLIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Rules Directory.

Notice of Adjournment.

Call of Clerk's Calendar.

The Hearing Calendar.

Approved Burners for Industrial Use.

Approved Range Oil Burners and Space Heaters.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar. Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, September 9, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, September 16, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

New Cases Filed up to August 21, 1935

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
218-35-BZ....	D.B.Bx.....	2368-2372 Jerome avenue and 2-6 East 184th street, southeast corner (Block 3187, Lot 25), The Bronx. Applic. 312-35.
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216-35-SA....	F.D.....	Vac-O-Vent Fill Box (Pressure and Vacuum Relief). Appliance.
215-35-A.....	D.B.M.....	4065-4079 10th avenue (Block 2213, Lot 6), Manhattan. 21497-F.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
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B.B.....	Board of Buildings

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Fuel Oil Burners for Industrial Use.....	Aug. 27, 1935—Vol. 20, No. 35
Fuel Oil Pumps.....	July 30, 1935—Vol. 20, No. 31
Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov. 27, 1934—Vol. 19, No. 48
Range Oil Burners and Space Heaters.....	Aug. 27, 1935—Vol. 20, No. 35

ADJOURNMENT.

Notice is hereby given that the next regular meeting of the Board of Standards and Appeals will be held on Tuesday, September 10, 1935, at 10 a. m., and that the next Clerks Calendar Call will be held on Monday, September 9, 1935, at 2 p. m.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 9, 1935, AT 2 P. M.

Building Zone Cases.

- 136-35-BZ.
APPLICANT—Morris Braun, for Isidore Rothman, owner.
PREMISES—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).
- 152-35-BZ.
APPLICANT—John Adikes, for Jamaica Savings Bank, owner.
PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue ((Block No. 669, Lot No. 55), Jamaica, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.
- 390-27-BZ.
APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.
PREMISES—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.
APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),
TO PERMIT in a business district the erection and maintenance of a gasoline service station.
- 118-31-BZ.
APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.
PREMISES—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.
APPLICATION, under section 21 of the building zone resolution, (reopened March 5, 1935).
TO PERMIT the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board.

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution. *Tuesday morning, September 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

- CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CALENDAR

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. NO. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, reopened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 1871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, applicant and owner, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest

corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

SEPTEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders.

188-35-A—518-534 West 26th street (Block No. 697, Lot No. 47), Manhattan.

192-35-A—515-521 East 17th street (Block No. 975, Lot No. 10), Manhattan.

193-35-A—51-19 Queens boulevard (Block No. 506, Lot No. 53), Woodside, Borough of Queens.

Appliances Submitted for Approval

163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.

204-35-SA—Rhode Island Fill Box for Fuel Oil.

206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, reopened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

138-35-BZ.

APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.

PREMISES—247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

154-35-BZ.

APPLICANT—Samuels & Samuels, for Assets Control Company, Inc., owner.

PREMISES—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALENDAR

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

PREMISES—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPLICATION, under section 7f of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Elljane Holding Corporation, owner.

PREMISES—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

APPLICATION, under sections 7f and 21 of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station—previously granted for a temporary period.

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application, granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 142-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Edwin C. Georgi, applicant, on behalf of Riverside Crematory, Inc., owner, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 17, 1935, 2 P. M.

Appeals from Administrative Orders.

199-35-A—220 West 57th street (Block No. 1028, Lot No. 42), Manhattan.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

202-35-A—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

Variation of Labor Law.

191-35-S—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 23, 1935, AT 2 P. M.

Building Zone Cases.

140-35-BZ.

APPLICANT—Philip Markowitz, for Henrietta Fama, owner.

PREMISES—236 Bedford Park boulevard (East 200th street), south side, 25.1 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the Building Zone Resolution.

195-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners.

PREMISES—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

PREMISES—Southeast corner of Bronx boulevard and east 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 18, 1935),

TO PERMIT in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

CALENDAR

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

PREMISES—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 24, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution, of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop; premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NL. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 332-32-BZ—Application for Nordlinger, Riegelman and Cooper, on behalf of Kabor Holding Corporation, owner, reopened July 19, 1935, to permit under section 21 of the building zone resolution the amendment of a resolution adopted by the Board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores; premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D..	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Lonergan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fuel Oil Burner.....	820-23-SA
Coen Mechanical Oil Burner	942-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Concord Burner	108-35-SA	National Airoil Low Pressure Burner.....	186-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Barley Rotary Oil Burner.....	197-33-SA
D'Elia Oil Burner.....	155-31-SA	Nichols-McCann-Harrison Burners	255-31-SA
DeWalt Oil Burner.....	541-31-SA	North American Low Pressure Oil Burner....	792-26-SA
Doe Oil Burner.....	317-31-SA	Oilbilt Burner	85-33-SA
Enco Type 400 Steam Atomizing Oil Burner .	1414-23-SA	Oronoque Oil Burner.....	394-30-SA
Enco Mechanical Oil Burner.....	509-30-SA	Packard Fuel Oil Burner.....	77-34-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Paramount Oil Burner, Model A.....	617-30-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Forsdraft Oil Burner.....	41-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Frankfort Type P Oil Burner.....	1046-23-SA	Petro Model W Oil Burner.....	452-31-SA
Gem Fuel Oil Burner.....	111-26-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Presto Automatic Oil Burner.....	294-34-SA
Ghapco Steam Generator.....	348-31-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Quinn Oil Burning Equipment.....	367-21-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Gould Automatic Oil Burner	178-35-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Grant Oil Burner, Model "C".....	232-32-SA	Rockwell Fuel Oil Burner	341-21-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Greenawalt Down Draft Combustion Oil Burn- ing Furnace	85-35-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Hammond Oil Burner.....	72-31-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Harris Fuel Oil Burner.....	690-30-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hart Oil Burner, Model "H".....	221-33-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Hayward Oil Burner.....	696-30-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	Standardyne Oil Burner.....	34-34-SA
Hobeco Oil Burner.....	1278-21-SA	Steam Oil Burner.....	183-22-SA
Holby Oil Burner.....	328-27-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Stewart Gasifier Oil Burner	146-35-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Sun Heat Oil Burner.....	603-29-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA		
Kelvinator Oil Burner, Model K.....	105-34-SA		
Korth Oil Burner, Model G.	136-34-SA		
Kreager Oil Burner.....	367-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun-Ray Fuel Oil Burner.....	106-33-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Sunway Oil Burner.....	624-30-SA	Vapofier Oil Burner.....	184-34-SA
Supreme Oil Burner, Model G	136-34-SA	Vapomatic Oil Burner	275-34-SA
Surface Combustion Low Pressure Burner....	92-23-SA	Vaporoil Burner	44-32-SA
Syncro-Flame Oil Burner, Model R.....	139-35-SA	Warner Oil Burner, Model A.....	16-34-SA
Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA	Wheco Oil Burner.....	108-34-SA
Tate-Jones No. 6 Oil Burner.....	1444-23-SA	Winslow Klean Heet Burner, Models 805 and 820	19-25-SA
Timken Rotary Oil Burner.....	297-29-SA	Wizard Automatic Oil Burner.....	181-33-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Yorktown Oil Burner.....	166-33-SA
Todd Mechanical Fuel Oil Burner.....	1525-22-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Rotary Burner, Models A, B and C....	454-25-SA		
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA		

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Loneragan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Loyalty Range Burner	302-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	National Range Oil Burner.....	361-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	No-Wyck-Koaleess Range and Stove Oil Burner	251-34-SA
Fairfax Range Burner	302-34-SA	Putnam Range Oil Burner	54-35-SA
Florence Oil Heater. Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Quaker Burnoil Stove	11-31-SA
Florence Range Burners.....	219-34-SA	Quick Meal Range Burner.....	304-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kolrid Range Burner.....	48-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Superfex Oil Burning Heater	491-31-SA
		Tower Range Oil Burner	126-33-SA
		Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

PROGRESS REPORT

DOCKET.	
Cases pending December 31, 1934	163
Cases filed up to August 21, 1935.....	218
Restored to Calendar	79

MISCELLANEOUS APPLICATIONS.	
Requests to reopen	252
Requests to amend	102
Requests for modification	0
Requests to rescind	4
Requests for extension of time	38
Requests for extension of permit	6
Requests for mechanical installations	0
Requests for approval of plans	8
Administrative requests	0
Requests for interpretation	0
Total.....	870
Disposed of	702
Cases pending August 21, 1935.....	168

DISPOSITION OF CASES.	
Withdrawn	26
Dismissed	7
Denied	64
Granted	4
Granted on condition	126
Appliances approved	57
Appliances dismissed, disapproved or withdrawn.....	6
Rules approved	2
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.	
Requests to reopen granted	227
Requests to reopen denied	5
Requests to amend granted	102
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	4
Requests to rescind denied	0
Requests for extension of time granted	38
Requests for extension of time denied	0
Requests for extension of permit granted	6
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	20
Total	702

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

SEPTEMBER 3, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 36

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Notice of Adjournment.

Call of Clerk's Calendar.

The Hearing Calendar.

Approved Burners for Industrial Use.

Approved Range Oil Burners and Space Heaters.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
Special meetings as published in this Bulletin.
Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, September 9, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, September 16, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

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<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
222-35-SA....	F.D.....	United States Pressure Oil Burner, Appliance.
221-35-A.....	D.B.Q.....	45-02 11th street, southwest corner of 45th street, (Block 49, Lot 28), Long Island City, Queens. Applic. 4285-35.
220-35-A.....	D.B.B.....	273 Brighton Beach avenue, (Block 7284, Lots 1131-1132), Brooklyn. Decision.
219-35-SA....	F.D.....	"United" Copper Service Pipe, Material.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
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B.B.....	Board of Buildings

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Fire Alarm Rules (Interior).....	May 28, 1935—Vol. 20. No. 22
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Paint, Varnish and Lacquer Spraying Equipment.....	Nov. 27, 1934—Vol. 19. No. 48
Range Oil Burners and Space Heaters.....	Sep. 3, 1935—Vol. 20. No. 36

ADJOURNMENT.

Notice is hereby given that the next regular meeting of the Board of Standards and Appeals will be held on Tuesday, September 10, 1935, at 10 a. m., and that the next Clerks Calendar Call will be held on Monday, September 9, 1935, at 2 p. m.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 9, 1935, AT 2 P. M.

Building Zone Cases.

136-35-BZ.

APPLICANT—Morris Braun, for Isidore Rothman, owner.

PREMISES—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.

PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue ((Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

390-27-BZ.

APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.

PREMISES—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

118-31-BZ.

APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.

PREMISES—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

APPLICATION, under section 21 of the building zone resolution, (reopened March 5, 1935).

TO PERMIT the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board.

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CALENDAR

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. NO. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, reopened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 1871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, applicant and owner, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest

corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

SEPTEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders.

188-35-A—518-534 West 26th street (Block No. 697, Lot No. 47), Manhattan.

192-35-A—515-521 East 17th street (Block No. 975, Lot No. 10), Manhattan.

193-35-A—51-19 Queens boulevard (Block No. 506, Lot No. 53), Woodside, Borough of Queens.

Appliances Submitted for Approval

163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.

204-35-SA—Rhode Island Fill Box for Fuel Oil.

206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, reopened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciuszko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

138-35-BZ.

APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.

PREMISES—247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

154-35-BZ.

APPLICANT—Samuels & Samuels, for Assets Control Company, Inc., owner.

PREMISES—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALENDAR

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

PREMISES—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPLICATION, under section 7f of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Elljane Holding Corporation, owner.

PREMISES—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

APPLICATION, under sections 7f and 21 of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station—previously granted for a temporary period.

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application, granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 142-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Edwin C. Georgi, applicant, on behalf of Riverside Crematory, Inc., owner, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 17, 1935, 2 P. M.

Appeals from Administrative Orders.

199-35-A—220 West 57th street (Block No. 1028, Lot No. 42), Manhattan.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

202-35-A—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

Variation of Labor Law.

191-35-S—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 23, 1935, AT 2 P. M.

Building Zone Cases.

140-35-BZ.

APPLICANT—Philip Markowitz, for Henrietta Fama, owner.

PREMISES—236 Bedford Park boulevard (East 200th street), south side, 25.1 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the Building Zone Resolution.

195-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners.

PREMISES—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

PREMISES—Southeast corner of Bronx boulevard and east 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 18, 1935),

TO PERMIT in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

CALENDAR

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

PREMISES—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 24, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution, of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop; premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NL. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 332-32-BZ—Application for Nordlinger, Riegelman and Cooper, on behalf of Kabor Holding Corporation, owner, reopened July 19, 1935, to permit under section 21 of the building zone resolution the amendment of a resolution adopted by the Board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores; premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D..	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Lonergan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fuel Oil Burner.....	820-23-SA
Coen Mechanical Oil Burner	942-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Concord Burner	108-35-SA	National Airoil Low Pressure Burner.....	186-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Barley Rotary Oil Burner.....	197-33-SA
D'Elia Oil Burner.....	155-31-SA	Nichols-McCann-Harrison Burners	255-31-SA
DeWalt Oil Burner.....	541-31-SA	North American Low Pressure Oil Burner....	792-26-SA
Doe Oil Burner.....	317-31-SA	Oilbilt Burner	85-33-SA
Enco Type 400 Steam Atomizing Oil Burner .	1414-23-SA	Oronoque Oil Burner.....	394-30-SA
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Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Paramount Oil Burner, Model A.....	617-30-SA
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Forsdraft Oil Burner.....	41-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
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Gem Fuel Oil Burner.....	111-26-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
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Grant Oil Burner, Model "C".....	232-32-SA	Rockwell Fuel Oil Burner	341-21-SA
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APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun-Ray Fuel Oil Burner.....	106-33-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Sunway Oil Burner.....	624-30-SA	Vapofier Oil Burner.....	184-34-SA
Supreme Oil Burner, Model G	136-34-SA	Vapomatic Oil Burner	275-34-SA
Surface Combustion Low Pressure Burner....	92-23-SA	Vaporoil Burner	44-32-SA
Syncro-Flame Oil Burner, Model R.....	139-35-SA	Warner Oil Burner, Model A.....	16-34-SA
Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA	Wheco Oil Burner.....	108-34-SA
Tate-Jones No. 6 Oil Burner.....	1444-23-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Rotary Oil Burner.....	297-29-SA	Wizard Automatic Oil Burner.....	181-33-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Yorktown Oil Burner.....	166-33-SA
Todd Mechanical Fuel Oil Burner.....	1525-22-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Rotary Burner, Models A, B and C....	454-25-SA		
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA		

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Loneragan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Loyalty Range Burner	302-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
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Ellington Range Oil Water Heater, Models M and J	40-35--SA	National Range Oil Burner.....	361-34-SA
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Fairfax Range Burner	302-34-SA	Putnam Range Oil Burner	54-35-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Quaker Burnoil Stove	11-31-SA
Florence Range Burners.....	219-34-SA	Quick Meal Range Burner.....	304-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Hi-Heat Range Burner, Models A and DeLuxe	323-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kolrid Range Burner.....	48-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Superfex Oil Burning Heater	491-31-SA
		Tower Range Oil Burner	126-33-SA
		Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
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Cases filed up to August 28, 1935.....	222	Dismissed	7
Restored to Calendar	79	Denied	64
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		Appliances approved	57
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		Rules approved	2
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	252	Requests to reopen granted	227
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Requests to rescind	4	Requests to amend denied	0
Requests for extension of time	38	Requests for modification granted	0
Requests for extension of permit	6	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	4
Requests for approval of plans	8	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	38
Requests for interpretation	0	Requests for extension of time denied	0
Total	874	Requests for extension of permit granted	6
Disposed of	702	Requests for extension of permit denied	0
Cases pending August 28, 1935.....	172	Requests to install granted	0
		Requests to install denied	0
		Plans approved	8
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	20
		Total	702

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

SEPTEMBER 10, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 37

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 4 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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This issue of the Bulletin contains, in the order given—

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Rules Directory.

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Call of Clerk's Calendar.

The Hearing Calendar.

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Approved Range Oil Burners and Space Heaters.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, September 9, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, September 16, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed up to September 4, 1935

Cal. No.	Department.	Premises Affected.
228-35-BZ...	D.B.Q.....	7613-7615 Northern boulevard (Block 1172, Lot 45), Jackson Heights, Queens, Applic. 2855-35.
227-35-S.....	H.D.....	299 East 106th street and 2064 2nd avenue, southeast corner (Block 1678, Lot 1), Manhattan, Decision.
226-35-SA...	F.D.....	Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300, Appliance.
225-35-BZ....	D.B.B.....	2779 Fulton street (Block 3932, Lot 52), Brooklyn, Applic. 7998-35.
224-35-A	F.D.....	107 Greene street (Block 500, Lot 25), Manhattan, 5779-L. C.
223-35-SA...	F.D.....	Newbury Fill Cap for Fuel Oil, Appliance.

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F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

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Concrete Rules (Hydrated Lime).....	July 2, 1935—Vol. 20, No. 27
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Exit Rules (Revolving Doors).....	Jan. 1, 1935—Vol. 20, No. 1
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Fire Drill Rules	June 4, 1935—Vol. 20, No. 23
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Fireline Hose Valves.....	July 16, 1935—Vol. 20, No. 29
Fuel Oil Burners for Domestic and Commercial Use.....	July 16, 1935—Vol. 20, No. 29
Fuel Oil Burners for Industrial Use.....	Sep. 10, 1935—Vol. 20, No. 37
Fuel Oil Pumps.....	July 30, 1935—Vol. 20, No. 31
Paint, Varnish and Lacquer Spraying Equipment.....	Nov. 27, 1934—Vol. 19, No. 48
Range Oil Burners and Space Heaters.....	Sep. 10, 1935—Vol. 20, No. 37

ADJOURNMENT.

Notice is hereby given that the next regular meeting of the Board of Standards and Appeals will be held on Tuesday, September 10, 1935, at 10 a. m., and that the next Clerks Calendar Call will be held on Monday, September 9, 1935, at 2 p. m.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 9, 1935, AT 2 P. M.

Building Zone Cases.

- 136-35-BZ.
 APPLICANT—Morris Braun, for Isidore Rothman, owner.
 PREMISES—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.
 APPLICATION, under section 21 of the building zone resolution,
 TO PERMIT in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).
- 152-35-BZ.
 APPLICANT—John Adikes, for Jamaica Savings Bank, owner.
 PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue ((Block No. 669, Lot No. 55), Jamaica, Borough of Queens.
 APPLICATION, under section 21 of the building zone resolution,
 TO PERMIT in a business district the erection and maintenance of a gasoline service station.
- 390-27-BZ.
 APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.
 PREMISES—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.
 APPLICATION, under section 21 of the building zone resolution, (reopened March 26, 1935),
 TO PERMIT in a business district the erection and maintenance of a gasoline service station.
- 118-31-BZ.
 APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.
 PREMISES—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.
 APPLICATION, under section 21 of the building zone resolution, (reopened March 5, 1935).
 TO PERMIT the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board.

SEPTEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, Tuesday morning, September 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

- CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CALENDAR

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

CAL. NO. 783-27-BZ—Application of Conroy and Hardy, on behalf of 202 West 63rd Street Corp., owner, reopened July 2, 1935 for rehearing on order of the Court—re application, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

CAL. NO. 111-33-BZ—Application of Conroy and Hardy, on behalf of Christ G. Callas, owner, reopened July 2, 1935 for consideration as to extension of time to obtain permits and complete work—re application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82); Howard Beach, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 4871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, applicant and owner, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest

corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders.

- 188-35-A—518-534 West 26th street (Block No. 697, Lot No. 47), Manhattan.
- 192-35-A—515-521 East 17th street (Block No. 975, Lot No. 10), Manhattan.
- 193-35-A—51-19 Queens boulevard (Block No. 506, Lot No. 53), Woodside, Borough of Queens.

Appliances Submitted for Approval

- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 204-35-SA—Rhode Island Fill Box for Fuel Oil.
- 206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 210-33-BZ—Application of Dominick Salvati, on behalf of Jacob Frommer, owner, reopened July 2, 1935 under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the Board; premises 238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

138-35-BZ.

APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.

PREMISES—247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

154-35-BZ.

APPLICANT—Samuels & Samuels, for Assets Control Company, Inc., owner.

PREMISES—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALENDAR

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

PREMISES—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPLICATION, under section 7f of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Elljane Holding Corporation, owner.

PREMISES—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

APPLICATION, under sections 7f and 21 of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station—previously granted for a temporary period.

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application, granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 142-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Edwin C. Georgi, applicant, on behalf of Riverside Crematory, Inc., owner, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2382, part of Lot No. 9), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 17, 1935, 2 P. M.

Appeals from Administrative Orders.

199-35-A—220 West 57th street (Block No. 1028, Lot No. 42), Manhattan.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

202-35-A—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

Variation of Labor Law.

191-35-S—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 23, 1935, AT 2 P. M.

Building Zone Cases.

140-35-BZ.

APPLICANT—Philip Markowitz, for Henrietta Fama, owner.

PREMISES—236 Bedford Park boulevard (East 200th street), south side, 25.1 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the Building Zone Resolution.

195-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners.

PREMISES—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

PREMISES—Southeast corner of Bronx boulevard and east 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 18, 1935),

TO PERMIT in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

CALENDAR

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

PREMISES—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 24, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution, of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop; premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NL. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 332-32-BZ—Application for Nordlinger, Riegelman and Cooper, on behalf of Kabor Holding Corporation, owner, reopened July 19, 1935, to permit under section 21 of the building zone resolution the amendment of a resolution adopted by the Board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores; premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D..	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Loneragan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fuel Oil Burner.....	820-23-SA
Coen Mechanical Oil Burner	942-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Concord Burner	108-35-SA	National Airoil Low Pressure Burner.....	186-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Barley Rotary Oil Burner.....	197-33-SA
D'Elia Oil Burner.....	155-31-SA	Nichols-McCann-Harrison Burners	255-31-SA
DeWalt Oil Burner.....	541-31-SA	North American Low Pressure Oil Burner....	792-26-SA
Doe Oil Burner.....	317-31-SA	Oilbilt Burner	85-33-SA
Enco Type 400 Steam Atomizing Oil Burner .	1414-23-SA	Oronoque Oil Burner.....	394-30-SA
Enco Mechanical Oil Burner.....	509-30-SA	Packard Fuel Oil Burner.....	77-34-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Paramount Oil Burner, Model A.....	617-30-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Forsdraft Oil Burner.....	41-34-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Frankfort Type P Oil Burner.....	1046-23-SA	Petro Model W Oil Burner.....	452-31-SA
Gem Fuel Oil Burner.....	111-26-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Presto Automatic Oil Burner.....	294-34-SA
Ghapco Steam Generator.....	348-31-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Quinn Oil Burning Equipment.....	367-21-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Gould Automatic Oil Burner	178-35-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Grant Oil Burner, Model "C".....	232-32-SA	Rockwell Fuel Oil Burner	341-21-SA
GRD Fuel Oil Atomizer	128-27-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Greenawalt Down Draft Combustion Oil Burn- ing Furnace	85-35-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Hammond Oil Burner.....	72-31-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Harris Fuel Oil Burner.....	690-30-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hart Oil Burner, Model "H".....	221-33-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Hayward Oil Burner.....	696-30-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	Standadyne Oil Burner.....	34-34-SA
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Holby Oil Burner.....	328-27-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Stewart Gasifier Oil Burner	146-35-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Sun Heat Oil Burner.....	603-29-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA		
Kelvinator Oil Burner, Model K.....	105-34-SA		
Korth Oil Burner, Model G.	136-34-SA		
Kreager Oil Burner.....	367-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun-Ray Fuel Oil Burner.....	106-33-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Sunway Oil Burner.....	624-30-SA	Vapofier Oil Burner.....	184-34-SA
Supreme Oil Burner, Model G	136-34-SA	Vapomatic Oil Burner	275-34-SA
Surface Combustion Low Pressure Burner....	92-23-SA	Vaporoil Burner	44-32-SA
Syncro-Flame Oil Burner, Model R.....	139-35-SA	Warner Oil Burner, Model A.....	16-34-SA
Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA	Wheco Oil Burner.....	108-34-SA
Tate-Jones No. 6 Oil Burner.....	1444-23-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Rotary Oil Burner.....	297-29-SA	Wizard Automatic Oil Burner.....	181-33-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Yorktown Oil Burner.....	166-33-SA
Todd Mechanical Fuel Oil Burner.....	1525-22-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Rotary Burner, Models A, B and C....	454-25-SA		
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA		

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Loyalty Range Burner	302-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	National Range Oil Burner.....	361-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Fairfax Range Burner	302-34-SA	Putnam Range Oil Burner	54-35-SA
Florence Oil Heater. Models KC-9. GC-6. GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Quaker Burnoil Stove	11-31-SA
Florence Range Burners.....	219-34-SA	Quick Meal Range Burner.....	304-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kolrid Range Burner.....	48-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Superfex Oil Burning Heater	491-31-SA
		Tower Range Oil Burner	126-33-SA
		Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater. Models 20. 30. 60. 65. 70 and 80	333-34-SA

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

PROGRESS REPORT

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		Rules approved	2
		Rules disapproved, rescinded or withdrawn.....	0
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Requests for extension of permit	6	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	4
Requests for approval of plans	8	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	38
Requests for interpretation	0	Requests for extension of time denied	0
Total.....	880	Requests for extension of permit granted	6
		Requests for extension of permit denied	0
Disposed of	702	Requests to install granted	0
Cases pending September 4, 1935.....	178	Requests to install denied	0
		Plans approved	8
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	20
		Total	702

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

SEPTEMBER 17, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 38

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, Sept. 10, 1935, at 2 P. M.

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Oil Burner Rules.

Specifications for Tank Trucks and Platform Trucks.

Reserve Calendar.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

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Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, September 16, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, September 23, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed Up to September 11, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
239-35-A.....	D.B.M.....	361-363 Broadway and 67-69 Franklin street, southwest corner (Block 174, Lot 31), Manhattan, 23148-F.
238-35-SA....	F.D.....	Garfire Gun (fire extinguisher), Appliance.
237-35-A.....	D.B.M.....	412-420 East 86th street (Block 1565, Lots 42-46, incl.), Manhattan, Applic. 101-35.
236-35-SA....	F.D.....	Penn Rotary Oil Burner, Appliance.
235-35-BZ....	D.B.Q.....	158-07 Rockaway boulevard, south-east corner of Conover street (Block 4481, Lot 69 of 67), Jamaica, Queens, Alt. 5590-35.
234-35-BZ....	D.B.B.....	1065 Hopkinson avenue and 1360-1370 Linden boulevard, southeast corner (Block 3641, Lot 28), Brooklyn, Applic. 8554-35.
233-35-SA....	F.D.....	Odin Beautyheater (Space Heater), Appliance.
232-35-BZ....	D.B.Bx....	308-324 East Fordham road, southwest corner of Elm place (Block 3023, Lot 26), The Bronx, Alt. 342-35.
231-35-SA....	F.D.....	Sealtite Fill Cap for fuel oil, Appliance.
230-35-BZ....	D.B.M.....	440 East 110th street and 169 Pleasant avenue, southwest corner (Block 1703, Lot 29), Manhattan, N. B. 90-35.
229-35-SA....	F.D.....	Hardinge Gun Type Oil Burner, Model No. 25, Appliance.

Restored to Calendar.

269-34-BZ....	D.B.Q.....	Northwest corner of Woodhaven boulevard and 162nd avenue (Block 4040, Lot 87), Aqueduct, Queens, N. B. 1636-34.
27-33-BZ....	D.B.Q.....	Northwest corner of Springfield boulevard and 115th avenue (Block 1949, Lot 1), Queens Village, Queens, Plan No. 2343-32.
26-32-BZ....	D.B.B.....	1551-1555 Coney Island avenue, east side, 100 feet south of Avenue L (Block 6731, Lot 90), Brooklyn, Applic. 13308-34.
77-34-SA....	F.D.....	Packard Fuel Oil Burner, Appliance.
78-35-A.....	D.B.M.....	436-440 Lafayette street (Block 545, Lot 34), Manhattan, 19271-F.
170-35-A.....	D.B.M.....	16 East 18th street (Block 846, Lot 65), Manhattan, 22164-F.
73-34-BZ....	D.B.B.....	1140-1158 McDonald (Gravesend) avenue, west side, 63 ft., 5 $\frac{3}{8}$ in. south of 20th avenue (Block 5464, part of Lot 15), Brooklyn, Applic. 8432-34.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

	<i>Last Publication in Bulletin</i>
Certificate of Occupancy, approved forms	Aug. 2, 1932—Vol. 17, No. 31
Concrete Flat Slabs, Rules.....	Dec. 4, 1934—Vol. 19, No. 49
Concrete Rules (Hydrated Lime)...	July 2, 1935—Vol. 20, No. 27
Elevator Rules	May 21, 1935—Vol. 20, No. 21
Exit Rules (Revolving Doors)....	Jan. 1, 1935—Vol. 20, No. 1
Factory Exit Rules.....	June 4, 1935—Vol. 20, No. 23
Fire Alarm Rules (Interior).....	May 28, 1935—Vol. 20, No. 22
Fire Drill Rules	June 4, 1935—Vol. 20, No. 23
Fire Retarding Rules for Garages, etc.	June 25, 1935—Vol. 20, No. 26
Fireproof Wood, Testing of.....	Apr. 9, 1935—Vol. 20, No. 15
Frame Garages. Ruling for.....	Jan. 21, 1919—Vol. 4, No. 3
Gas Shut-Off Rules.....	Apr. 7, 1925—Vol. 10, No. 14
Hatchway Protection.....	June 5, 1928—Vol. 13, No. 23
Oil Burner Rules.....	Sep. 17, 1935—Vol. 20, No. 38
Paint, Varnish and Lacquer Spray- ing Rules.....	Nov. 27, 1934—Vol. 19, No. 48
Plumbing Rules.....	July 2, 1935—Vol. 20, No. 27
Procedure, Rules of.....	July 16, 1935—Vol. 20, No. 29
Refrigerating Systems, Extract C.O.	May 14, 1935—Vol. 20, No. 20
Smoking in Factories, Rules for...	July 9, 1935—Vol. 20, No. 28
Sprinkler Rules.....	June 25, 1935—Vol. 20, No. 26
Standpipe Fireline Rules.....	June 18, 1935—Vol. 20, No. 25
Structural Alterations. Reporting...	June 7, 1932—Vol. 17, No. 23
Tank Trucks and Platform Trucks, Extract C. O.....	Sep. 17, 1935—Vol. 20, No. 38
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)...	Apr. 10, 1923—Vol. 8, No. 15

COURT DECISION

Matter of Kesbeck, Inc. (Reville)—Commr. of Buildings denied application for building permit for erection and alteration of a building to be used as a "brake service station for testing, adjusting and relining automobile brakes," on the ground that "repair shop for motor vehicle" was prohibited in a business district under Art. II, Section 4, Subdiv. 29, of the Building Zone Resolution. The Court said: "On the facts presented to the Superintendent of Buildings, he was justified in refusing a permit. It may be a reasonable inference that he who tests would also repair the brakes." Peremptory mandamus denied. (N. Y. L. J., Aug. 22, 1935). Mr. Justice Leary.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

138-35-BZ.	APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.
PREMISES—247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.	APPLICATION, under section 21 of the building zone resolution,
TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.	
154-35-BZ.	APPLICANT—Samuels & Samuels, for Assets Control Company, Inc., owner.
PREMISES—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.	

CALENDAR

APPLICATION, under section 21 of the building zone resolution.
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

PREMISES—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPLICATION, under section 7f of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Elljane Holding Corporation, owner.

PREMISES—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

APPLICATION, under sections 7f and 21 of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the maintenance of a gasoline service station—previously granted for a temporary period.

SEPTEMBER 17, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 17, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, or behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application. granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant); premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Ja-

maica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 142-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Edwin C. Georgi, applicant, on behalf of Riverside Crematory, Inc., owner, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 17, 1935, 2 P. M.

Appeals from Administrative Orders.

199-35-A—220 West 57th street (Block No. 1028, Lot No. 42), Manhattan.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

202-35-A—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

209-35-A—520 East 70th street (Block Nos. 1480, 1481 and 1482), Manhattan.

210-35-A—243 West 42nd street (Block No. 1014, Lot No. 12), Manhattan.

211-35-A—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

Variation of Labor Law.

191-35-S—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

Appliances Submitted for Approval

207-35-SA—Cole's Blast Oil Burning Heating Stove.

208-35-SA—Oceco Rotary Pump for Petroleum Products.

213-35-SA—Preferred Fill Box.

214-35-SA—Simplex Terminal Fill Box.

217-35-SA—Brigham Oil Burner.

219-35-SA—United Copper Service Pipe.

222-35-SA—United States Pressure Burner.

223-35-SA—Newbury Fill Caps for fuel oil.

226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.

229-35-SA—Hardinge Gun Type Oil Burner, Model 25.

231-35-SA—Sealtite Fill Cap for fuel oil.

233-35-SA—Odin Beautyheater (Space Heater).

CALENDAR

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 17, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 362-34-BZ—Application of Abraham N. Horwitz, on behalf of 1230 Jerome Avenue Corp., owner, reopened April 30, 1935, under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 1230-1234 Jerome avenue, east side, 165 ft. 6 ins. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, on behalf of Thema Rosen, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles, with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages; premises 2871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block 3264, Lot No. 70), The Bronx.

CAL. NO. 105-35-BZ—Application, April 22, 1935, under sections 7b and 21 of the building zone resolution, of William A. Kaufman, applicant and owner, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises 50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

HARRIS H. MURDOCK, *Chairman*

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 23, 1935, AT 2 P. M.

Building Zone Cases.

140-35-BZ.

APPLICANT—Philip Markowitz, for Henrietta Fama, owner.

PREMISES—236 Bedford Park boulevard (East 200th street), south side, 25.1 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the Building Zone Resolution.

195-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners.

PREMISES—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

PREMISES—Southeast corner of Bronx boulevard and east 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 18, 1935),

TO PERMIT in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

PREMISES—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.

PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 24, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution, of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop; premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NL. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone

CALENDAR

resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

CAL. NO. 136-35-BZ—Application, May 27, 1935, under section 21 of the building zone resolution, of Morris Braun, applicant, on behalf of Isidore Rothman, owner, to permit in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store); premises 1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.

CAL. NO. 230-35-BZ—Application, August 29, 1935, under sections 7c and 7d of the building zone resolution, of Walter D. Binger, Deputy Commissioner, Department of Sanitation, on behalf of City of New York, owner, to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a Grit Chamber and a garage for one (1) truck; premises 440 East 110th street and 169-175 Pleasant avenue, southwest corner (Block No. 1703, Lot Nos. 29 and 31), Manhattan.

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

SEPTEMBER 24, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a business district the extension of an existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 332-32-BZ—Application for Nordlinger, Riegelman and Cooper, on behalf of Kabor Holding Corporation, owner, reopened July 19, 1935, to permit under section 21 of the building zone resolution the amendment of a resolution adopted by the Board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores; premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

HARRIS H. MURDOCK, *Chairman*.

CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALENDAR

131-35-BZ.

APPLICANT—Otto J. Sambach, for Elizabeth Fahy, owner.

PREMISES—137 Lyman avenue, north side, 44.89 feet east of Tompkins avenue (Block No. 3071, Lot No. 25), Fort Wadsworth, Richmond.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a Coal Pocket.

155-35-BZ.

APPLICANT—Scacchetti & Siegel, for Louise Alma Kaufman, owner.

PREMISES—3215 Grand Concourse, southwest corner of East Van Cortlandt avenue (Block No. 3311, Lot No. 53), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

344-33-BZ.

APPLICANT—Nordlinger, Riegelman & Cooper, for Parkville Amusement Corp., owner.

PREMISES—1048-1072 Ocean parkway, west side 380 feet south of Avenue J (Block No. 5494, Lot Nos. 870 and 872), Brooklyn.

APPLICATION, under sections 7a, 7c and 21, of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment to the resolution of February 23, 1934, as to the conditions imposed therein—re Application granted permitting in a residence district the erection and maintenance of a recreation center.

OCTOBER 1, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 1, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 118-31-BZ—Application of Conroy and Hardy, on behalf of Joseph Zorn, owner, reopened March 5, 1935, under section 21 of the building zone resolution, to permit the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board; premises 2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, SEPTEMBER 10, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the special meeting of the board held on Friday afternoon, July 12, 1935; the minutes of the regular meeting of the board held on Tuesday morning, July 16, 1935; the minutes of the regular meeting of the board held on Tuesday afternoon, July 16, 1935, and the minutes of the special meeting of the board held on Friday morning, July 19, 1935, were approved as printed in Bulletin No. 30, Volume XX.

BUILDING ZONE CASES

362-34-BZ.

APPLICANT—Abraham N. Horwitz, for 1230 Jerome avenue Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles (reopened April 30, 1935).

PREMISES AFFECTED—1230-1234 Jerome avenue, east side, 165 ft. 6 in. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

APPEARANCES—

For Applicant: Abraham N. Horwitz.

For Opposition: Leo Alster, Edward F. Clark, Arthur Stang.

ACTION OF BOARD—Laid over to September 17, 1935, at 2 p. m., for report of committee on inspection. No further argument.

81-35-BZ.

APPLICANT—R. T. Schaefer, for Jesse Abrams, owner.
SUBJECT—Application (re decision of the commissioner of buildings) under sections 7g and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station.

PREMISES AFFECTED—2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Wm. R. Barbour.

For Opposition: Sidney Lindner.

ACTION OF BOARD—Laid over to September 17, 1935, at 10 a. m., on request of applicant.

101-32-BZ.

APPLICANT—Joseph Schafran, for Thema Rosen, owner.
SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously granted the maintenance of an open air parking space for more than five (5) motor vehicles with the installation of two (2) gasoline tanks and pumps (in the rear of the plot) as accessory to the parking space and to be used by tenants only and, also, the installation of more than five (5) individual garages (reopened March 26, 1935).

MINUTES

PREMISES AFFECTED—2871 Bailey avenue, west side, 182.28 feet south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

APPEARANCES—

For Applicant: Samuel Greenbaum, Philip Rosen, Fred S. Lowenthal.

For Opposition: William F. Walsh.

ACTION OF BOARD—Laid over to September 17, 1935, at 2 p. m., for report of committee on inspection. No further argument.

105-35-BZ.

APPLICANT—William A. Kaufman, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7b and 21 of the building zone resolution, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot.

PREMISES AFFECTED—50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

APPEARANCES—

For Applicant: Leonard J. Obermeier, William A. Kaufman.

For Opposition: James A. Carney, Frederick G. Flint, Jasper G. Kirchner, Gerald Mayer, John M. Geiger, Louis Schmidt, Helena F. Stein.

ACTION OF BOARD—Laid over to September 17, 1935, at 2 p. m., for report of committee on inspection. No further argument.

783-27-BZ.

APPLICANT—Conroy and Hardy, for 202 West 63rd Street, Corp., owner.

PREMISES AFFECTED—8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

For Opposition: Harold Arens.

ACTION OF BOARD—Application withdrawn without prejudice.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

111-33-BZ.

APPLICANT—Conroy and Hardy, for Christ G. Gallas, owner.

SUBJECT—Application reopened July 2, 1935, for consideration as to extension of time to obtain permits and complete work—re Application (decision of the superintendent of buildings) granted under section 7-F of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82), Howard Beach, Borough of Queens.

APPEARANCES—

For Applicant: R. S. Hardy.

For Opposition: None.

ACTION OF BOARD—Resolution amended and time extended.

THE VOTE TO AMEND RESOLUTION AND EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(111-33-BZ)

WHEREAS, this application affecting premises northeast corner of Jamaica Bay boulevard and Morrell avenue (Block No. 4046, Lot No. 82), Howard Beach, Borough of Queens, was granted by the board July 11, 1933, on certain conditions, and the time limit to obtain has expired; and

WHEREAS, this application was reopened by vote of the board July 2, 1935; and

WHEREAS, a public hearing was held on the application September 10, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* for a temporary period of two years from June 5, 1934, under section 7f of the building zone resolution, on condition that the gasoline pumps installed shall be located at least 10 ft. back from the building line of Jamaica Bay boulevard and from the building line of Morrell avenue as extended; that any building on the property shall be limited to a building not over 400 sq. ft. in area, to be used only as an office and for sale of accessories; that that portion of the property toward Jamaica Bay boulevard, which is now approximately at street grade, shall be leveled and surfaced with cracked stone, steamed cinders or equivalent material; that the entrances to this property shall not exceed two (2) from Jamaica Bay boulevard with curb cuts not over 20 ft. wide each and that no part of any entrance shall be nearer than 10 ft. to the side lot line to the north and not nearer than 10 ft. to the intersection formed by Jamaica Bay boulevard and Morrell avenue as extended; that no portable gasoline tanks shall be used on or from the property; that signs advertising non-conforming uses shall be restricted to the illuminated globes of the gasoline pumps and to flat signs attached to the front and side wall of the accessory building; that all permits required shall be obtained within six months and all work completed within nine months from the date of this action.

Adjourned, 12:40 p. m.

EDWARD V. BARTON, Chief Clerk.

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, SEPTEMBER 10, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

27-33-BZ.

APPLICANT—Kennedy & Ellner, for Joseph Moss, owner.
SUBJECT—Application for reopening—restoration to calendar per order of the Court—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Springfield boulevard and 115th avenue (Block No. 1949, Lot No. 1), Queens Village, Queens.

APPEARANCES—

For Applicant: William Kennedy.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

26-32-BZ.

APPLICANT—Louis Schlefer, for Minnie Streit, owner.
SUBJECT—Application for reopening—restoration to calendar and rehearing per order of the court re: Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1551-1555 Coney Island avenue, east side, 100 ft. south of Avenue L (Block No. 6731, Lot No. 90), Brooklyn.

APPEARANCES—

For Applicant: Edward Goodell.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

230-35-BZ.

APPLICANT—Walter D. Binger, Deputy Commissioner, Dept. Sanitation, for the City of New York, owner.

SUBJECT—Application—Preferential Hearing—(re decision of the commissioner of buildings) under sections 7c and 7d of the building zone resolution to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a Grit Chamber and a garage for one (1) truck.

PREMISES AFFECTED—169-175 Pleasant avenue and 440 East 110th street, southwest corner (Block No. 1703, Lot No. 29), Manhattan.

APPEARANCES—

For Applicant: Walter D. Binger.

ACTION OF BOARD—Preferential hearing granted, calendar call waived and case set for hearing September 24, 1935, at 10 a. m. Notice to property owners affected, to be sent by registered mail on or before September 14, 1935.

THE VOTE TO GRANT PREFERENTIAL HEARING

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

210-33-BZ.

APPLICANT—Dominick Salvati, for Jacob Frommer, owner.

SUBJECT—Application reopened July 2, 1935 (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the board.

PREMISES AFFECTED—238-240 Kosciusko street, south side, 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Brooklyn.

APPEARANCES—

For Applicant: Dominick Salvati.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(210-33-BZ)

WHEREAS, this application affecting premises 238-240 Kosciusko street, south side 66 ft. east of Tompkins avenue (Block No. 1786, Lot No. 5), Borough of Brooklyn, was granted by the board December 5, 1933, on certain conditions and the owner, through his representative, Dominick Salvati, requested a reopening to the application, to permit in a residence use district the extension over an additional portion of the plot of a store, permission to maintain which was previously granted by the board; and

WHEREAS, this application was reopened by vote of the board July 2, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, September 10, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, on December 5, 1933, the board granted a variation permitting the change of occupancy of an existing building 17 ft. by 17 ft. in area as a store; this building was located on the Kosciusko street building line and was about 8 ft. distant from the rear lot line; time to complete the work was extended 6 months after May 29, 1934; subsequently, on May 31, 1935, time was extended for one year. On July 2, 1935, the application was reopened for consideration of a proposition to extend the existing building (17 ft. by 17 ft. in area) back to the rear lot line (a distance of eight (8) feet). The plans filed with the original application and acted upon on December 5, 1933, showed a structure 17 ft. by 17 ft. in area; the plan filed June 7, 1935, shows a building 15 ft. 8 in. by 16 ft. 8 in. and the area of the building as proposed is 15 ft. 8 in. by 25 ft. 0 ins. It is proposed, also, to have an opening at the southerly rear of the proposed extension leading into the dwelling abutting to the east. A violation for non-compliance with the terms of the resolution was served; it is dated May 23, 1935.

Resolved, that the resolution adopted by the board on December 5, 1933, be and it hereby is amended, so that as amended the resolution will read:

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"Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* to permit existing building now used as a private garage to be altered for store use as extended in depth to the rear lot line, a total distance of 25 ft. *on condition* that the building shall not be increased in height; that the premises shall not be used for any use deemed hazardous by the commissioner; that not more than one entrance be constructed from the proposed rear extension of the store to the adjoining residence premises to the east; that walls separating the store from this dwelling shall be of masonry for a depth of approximately 17 ft. and for the balance of the distance, protected with cement plaster at least one-half inch thick on wire lath on each side of the wall; that the door opening shall be protected with fireproof self-closing door; that the window opening in this wall where shown shall be protected with a metal frame and sash and glazed with wire plate glass; that no portion of the residence building adjoining on the east shall be used for business purposes; and *granted* as to the communicating door and window only so long as the store building under appeal and the adjoining house to the east are owned and operated by the same owner; that all permits shall be obtained within three months and all work completed within six-months from the date of this amended resolution."

299-29-BZ.

APPLICANT—Thomas W. Golding, for Chestnut Studio, Inc., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under sections 7c and 21 of the building zone resolution, permitting the extension, from a business and from an unrestricted district into a residence district of a proposed business building.

PREMISES AFFECTED—1262-1286 East 14th street, west side, block bounded by Chestnut avenue, East 13th street and Locust avenue (Block No. 6733, Lot Nos 35, 38, 40, 46, 60, 61, 63, 64 and 65), Brooklyn.

APPEARANCES—

For Applicant: Thomas W. Golding and Miles H. Alben.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(299-29-BZ)

WHEREAS, this application affecting premises 1262-1286 East 14th street, west side, block bounded by Chestnut avenue, East 13th street and Locust avenue (Block No. 6733, Lot Nos 35, 38, 40, 46, 60, 61, 63, 64 and 65), Borough of Brooklyn, was granted by the board January 7, 1930, on certain conditions and present owner requested a reopening of the application and an extension of time to obtain permits and complete the work, a court action having been pending until February 1, 1935.

Resolved, that the resolution adopted by the board on January 7, 1930, be and it hereby is *amended*, for the purpose of extending time for completion of work, in view of the court action that has been pending and which was dismissed on February 1, 1935, only so far as it relates to the obtaining of permits and completion of work, so that as amended this portion of the resolution will read:

"That all permits shall be obtained within six months and all work involved completed within one year from the date of this amended resolution."

269-34-BZ.

APPLICANT—Samuels & Samuels, for Marcus Cohn, owner.

SUBJECT—Application for reopening—restoration to calendar per order of the court—re: Decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied).

PREMISES AFFECTED—Northwest corner of (Cross Bay), Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Queens.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened and granted on condition.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(269-34-BZ)

WHEREAS, Samuels and Samuels, for Marcus Cohn, owner, filed September 25, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: Northwest corner of Woodhaven boulevard and 162nd avenue (Block No. 4040, Lot No. 87), Aqueduct, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Woodhaven boulevard is in a business district; that 92nd street is in an undetermined district; and that 162nd avenue is in a business and undetermined district; and

WHEREAS, the decision of the commissioner of buildings, rendered September 14, 1934, re Plan No. 1636-34 N.B., reads:

"1.—The erection of a gasoline service station in a business district is contrary to the zone law. (Art. 2, Sec. 4a.)

Not further considered."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 feet on Woodhaven boulevard and 95 feet on 162nd avenue, upon which it is proposed to erect a one story office and greasing room structure 27 feet by 50 feet in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was denied by the board at its meeting February 26, 1935; and

WHEREAS, this application was reopened by vote of the board September 10, 1935, in accordance with the order of the court.

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Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted*, by order of the Supreme Court, Special Term, to permit the erection and use of a gasoline service station until such time as circumstances so change the development of the locality that the property is reasonably susceptible of being applied to a conforming use, at which time, upon the application of the authorities or anyone interested, the gasoline station must be removed, *on condition* that the plot shall be leveled substantially to the level of Woodhaven boulevard; that the accessory buildings shall be located toward the center of the plot, as indicated on plans filed with this appeal; that such accessory buildings shall be used only for office and for greasing room, as indicated; that such building shall be constructed of brick, as indicated on plans filed with this appeal; that gasoline tanks erected shall be not nearer than 10 ft. to either street building line; that the entrances shall not exceed two from Woodhaven boulevard and one from 162nd avenue; that the entire plot where not covered by accessory buildings shall be cement paved or covered with cracked blue stone or steam cinders; that no parking of cars, no portable gasoline tanks and no automobile repairing shall be permitted on the premises; that advertising shall be limited to the illuminated globes of the gasoline pumps and to a permanent flat sign attached to the facade of the accessory building, excluding all roof signs and signs of a temporary nature; that there shall be installed on the interior lot line to the north and west a substantial woven wire or picket fence.

1066-25-BZ.

APPLICANT—Roland Lievendag, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the alteration of a garage for more than five (5) motor vehicles (with permit for sale of gasoline) which was granted by the board on March 30, 1926 (and extended into the residence district under Cal. No. 74-28-BZ) so as to form an alcove gasoline station.

PREMISES AFFECTED—Northwest corner of 46th (Queens) avenue and 164th (24th) street (Block No. 5442, Lot No. 81), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Roland Lievendag.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(1066-25-BZ)

WHEREAS, this application affecting premises northwest corner of 46th avenue (Queens avenue) and 164th street (24th street) (Block No. 5442, Lot No. 81), Flushing, Borough of Queens, was granted by the board for a garage March 30, 1926, on certain conditions and amended to extend the garage into the residence use district under Cal. No. 74-28-BZ, April 2, 1928; and further amended July 16, 1935; and

WHEREAS, the owner requested a reopening of the application to include permission to operate the repair shop originally shown on plans approved by the board April 27, 1926; and

WHEREAS, the application was reopened by vote of the board.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of July 16, 1935, in view of the approval by the board under date of April 27, 1926, of plans filed with this application, which plans showed space for automobile repairing, to be carried on in the premises, so that as amended this resolution will read:

"Resolved, that the resolution permitting the erection of the garage adopted by the board on March 30, 1926, and the extension of the garage permitted by resolution adopted by the board on April 2, 1928, under Cal. No. 74-28-BZ, be and it hereby is *amended*, by adding thereto the following:

"that the front wall of the garage constructed in accordance with the requirements of Cal. No. 1066-25-BZ, may be reconstructed and set back for a depth of approximately 12 feet, as indicated on plans filed, marked 'received April 18, 1935', to provide for a gasoline selling area along 46th avenue, known as Queens avenue, on condition that this area shall be substantially at the level of Queens avenue and shall be cement paved; that no gasoline pumps shall be erected except in the alcoves indicated in the new front wall; that these alcoves shall be built of brick with no openings therefrom into the garage; that there shall be not more than one entrance to the garage from Queens avenue; that curb cuts from Queens avenue and 164th street shall not exceed in width and number those now existing; that no portable gasoline pumps shall be used on or from the premises; that any automobile repairing carried on in the premises shall be limited to the use of manual tools and motor driven tools requiring not more than ½ h.p. each and excluding the use of acetylene torches, forges and anvils; that all permits shall be obtained within six months for this gasoline selling area and all work completed within one year from the date of this amended resolution; that other than as amended herein, the resolution adopted by the board on March 30, 1926, under Cal. No. 1066-25-BZ, as extended by resolution adopted on April 2, 1928, under Cal. No. 74-28-BZ shall be complied with in all respects."

404-31-BZ.

APPLICANT—Ferdinand Savignano, for Aljon Realty Company, Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Brooklyn.

APPEARANCES—

For Applicant: Arnold Lederer.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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Negative 0
Absent 0

THE RESOLUTION—

(404-31-BZ)

WHEREAS, this application affecting premises 6413-6423 Fort Hamilton parkway and 949-957 65th street, northeast corner (Block No. 5743, Lot No. 40), Borough of Brooklyn, was granted by the board January 29, 1932, on certain conditions, the resolution amended from time to time and applicant requests a further amendment.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of June 18, 1935, by adding thereto the following clause:

"That with the approval of the commissioner of buildings the interior partitions of the gasoline station's accessory buildings may be rearranged so as to increase the space to be used for auto laundry, on condition that no part of the building is permitted to be used for automobile repairing."

73-34-BZ.

APPLICANT—Michael Levine for Karron and Lieberman, Inc., owner.

SUBJECT—Application to adopt resolution as per order of the court re Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station—part of a larger plot located partly in a residence district upon which a similar application was denied.

PREMISES AFFECTED—1140-1158 McDonald avenue (Gravesend avenue) west side, 63 ft. 5 $\frac{3}{8}$ in. south of 20th avenue (Block No. 5464, Lot No. 15), Brooklyn.

APPEARANCES—

For Applicant: Morris Kadner.

ACTION OF BOARD—Application reopened and granted on condition.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(73-34-BZ)

WHEREAS, Michael Levine, for Karron and Lieberman, Inc., owner, filed March 16, 1934, an application under the building zone resolution to permit in a residence and business district the erection and maintenance of a garage for more than five (5) motor vehicles and also a gasoline service station; this application was denied by the board May 22, 1934, and reopened on a new state of facts June 19, 1934, to permit the erection of the garage and gasoline station on a smaller plot entirely within the business use district; premises: 1140-1158 McDonald avenue (Gravesend avenue), west side, 63 ft. 5 $\frac{3}{8}$ in. south of 20th avenue (Block No. 5464, part of Lot No. 15), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 16, 1934, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that McDonald avenue is in a

business district; Dahill road is in a residence district; 20th avenue is in residence and business districts; Avenue I is in residence and business districts; and

WHEREAS, the decision of the commissioner of buildings rendered July 2, 1934, re Applic. No. 8432-1934, reads:

"Proposed public garage and a gasoline service station to be located in a business use district are contrary to article 2, section 4a of the zone resolution."

and

WHEREAS the premises (part of a larger plot of ground upon which an application for a garage and gas station was denied by the board) consist of a plot of ground having a frontage of 180 ft. on McDonald avenue, 64 ft. 7 in. on 20th avenue and a distance of 100 ft. along the south lot line, upon which it is proposed to erect a one story garage for more than five motor vehicles, 100 ft. by 100 ft. in area; to the north of this building it is proposed to erect another one story structure 22 ft. by 62 ft. in area to be used as office grease pits and car washing; the remainder of the plot to be used as a gasoline service station; and

WHEREAS, the property in question was the subject of an inspection by a committee of the board, report of which was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Re: Cal. No. 73-34-BZ.

Premises: 1140-58 McDonald avenue, W.S., 63 ft. 5 $\frac{3}{8}$ in. south of 20th avenue (Block No. 5464, part of Lot No. 15), Borough of Brooklyn.

This is an application for a zoning variance under section 21 for a garage and gasoline service station on a plot located on the west side of McDonald avenue, formerly Gravesend avenue, of irregular shape, with an average depth of approximately 100 ft. and with a frontage on McDonald avenue of 180 ft. and on 20th avenue (which meets McDonald avenue at an acute angle approximately 85 ft. north of this plot) of 64 ft.

This application was before the board in May, at which time the plot was larger, including more frontage on 20th avenue, within a district zoned for residential use. That application was denied after inspection and report by a committee of the board. The application was reopened, however, in June for the same nonconforming use, but limited to that portion of the plot described above which is entirely in a zone for business use and it is proposed to grass the portion of the plot in the residential area until it can be used for a conforming use. To this revised application the objection by adjacent property owners is less strenuous and such objection appears to be as to the gasoline station rather than the garage.

These premises and the surrounding section were carefully surveyed and inspected by a committee of the board on October 4, 1934, and the committee's conclusion is that while this new proposal is less objectionable than the former proposal, there is still no adequate ground for hardship. The former report referred to the sufficiency of gasoline stations to which may be added one recently granted at McDonald avenue and 37th street, if this station is built. Reference was also made at the hearing to a permit for a garage on McDonald avenue. This variation was granted in 1931, and, following the usual procedure, the condition imposed as to completion has been extended as to time, without again reviewing the merits. However, that garage has not been erected, indicating that the demand for it may not be justified.

It is difficult for the committee to believe that this lot, located at the junction of this important thoroughfare and directly at an elevated station cannot be developed for a conforming use. It may be impossible for the present owners to do so in view of the finan-

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cial situation with foreclosure imminent, but the committee is by no means convinced that if the variation sought was granted that the garage could be financed and erected. If granted and it were not constructed it would be claimed a basis for further petitions for variations on adjoining vacant property. The claims of real unnecessary hardship sufficient to warrant granting this application do not, in the committee's opinion, exist and the recommendation is that this application be denied.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of the application and the board deemed that applicant had not supported the basis of his application brought under section 21 of the building zone resolution; and

WHEREAS, this application was denied by the board October 23, 1934; and

WHEREAS, upon Court Review the board was reversed both in Special Term and in the Appellate Division of the Supreme Court; and

WHEREAS, the application was reopened by vote of the board September 10, 1935, in accordance with the order of the court permitting the plot under appeal to be used for a gasoline service station and garage, under the following conditions agreed upon by the parties to the court proceeding and approved by the court.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted on condition* that the garage building shall not exceed one story in height and shall be constructed of fireproof materials, except that the roof beams and roof boarding may be of wood, provided the ceilings throughout are fire-retarded in accordance with the Rules of the Board of Standards and Appeals; that there shall be no openings in the walls to the south and west, limiting all openings for entrance and exit of automobiles to McDonald avenue and to the gasoline selling area; that such doors may have wood frames and wood doors but all other doors and windows shall have fireproof frames and sash glazed with wired glass; that all skylights shall be glazed with sheet glass with screens over and under with no part of any skylight within twenty feet of the southerly lot line; that gasoline stored within the garage shall be limited to two buried storage tanks with not over two gasoline pumps erected within the garage; that no motor vehicle repairing shall be carried on or permitted within the garage or elsewhere on the premises; that the gasoline station accessory buildings shall be limited to one story in height and shall be constructed of fireproof materials except that the roof framing, boarding, window frames and sash, door frames and sash may be of wood except where opening into the garage; that there shall be no open excavation under any building except the pits for the greasing racks and except for the boilerroom to be located in the garage and which shall be entirely separated from the balance of the building by fireproof construction and enterable only from the exterior; that the entire gasoline selling area shall be cement paved; that there shall be a wall erected from 20th avenue to McDonald avenue, on the northerly lot line, such wall to be constructed of face brick and to be not less than four feet in height except that an iron picket fence may be substituted for the upper two feet of such wall; that no gasoline pumps shall be erected nearer than twelve feet to either street building line; that there shall be constructed on the street building lines reinforced concrete curbs not less than 5 in. in height with rounded tops nor less than 12 in. in width with not more than four (4) openings therein, two (2) from McDonald

avenue and two (2) from Twentieth avenue, no opening to exceed 25 ft. in width and no part of any opening to be nearer than five feet from any part of the wall of any building; that curb cuts opposite such openings shall not exceed 35 ft. each; that the accessory buildings, walls and northerly and easterly garage walls shall be constructed of face brick with stone or terra cotta trimmings; that the front of the greasing section shall be open; that advertising shall be limited to the illuminated globes of the pumps, to permanent flat signs on the garage and office section and to two post standards erected within the building line to support signs, which may be illuminated and which may extend beyond the building line not over eight (8) feet and which shall advertise only the brand of gasoline on sale, excluding all other signs including roof signs and those of a temporary nature; that the abutting property under this same ownership and located in the residential use district shall be seeded to grass and kept in presentable condition at all times with no rubbish permitted, unless used for a conforming use in no way connected with the garage or gasoline station occupancy; that in the event that the owner desires to postpone construction of the garage portion, the wall shown as the northerly wall of the garage shall be constructed for the full width east and west and to the height of the roof of the accessory buildings, future openings in same to be temporarily bricked up; that in the event the garage is so postponed, the garage site is to be kept free from rubbish and no storage or parking of cars except by permission of the Board of Standards and Appeals.

CASES DISMISSED

Under the Building Zone Resolution

The chairman called attention to the following cases where notices of intention to appeal were offered for filing; but where, despite notices from this office, papers have not been completed, thus tying the hands of the administrative officials in the performance of their duty:

(126-35-BZ)

Filed May 18, 1935—Premises 182-01 to 182-09 Hillside avenue and 87-23 to 87-31 182nd street, northeast corner (Block No. 996, Lot No. 1), Jamaica, Queens. Decision of the commissioner of buildings. Applicant: Edwin H. Snackenberg. Dismissed for lack of prosecution.

(94-35-BZ)

Filed April 10, 1935—Premises: 168 East 68th street (Block No. 1402, Lot No. 41), Manhattan. Decision of the commissioner of buildings. Applicant: W. Beach Day. Dismissed for lack of prosecution.

(386-33-BZ)

Filed December 28, 1933, Reopened May 14, 1935—Premises: Northeast corner Soundview avenue, junction of Croes avenue and Eastern boulevard (Block No. 3722, Lot No. 18) The Bronx. Decision of the commissioner of buildings. Applicant: Marcus L. Berman. Dismissed for lack of prosecution.

(858-22-BZ)

Filed June 26, 1922, Reopened March 19, 1935—Premises: 524-532 Eastern parkway, southwest corner of Nosstrand avenue (Block No. 1268, Lot No. 34), Brooklyn. Decision of the commissioner of buildings. Applicant: Thomas W. Lamb, Inc. Dismissed for lack of prosecution.

(376-29-BZ)

Filed May 31, 1929, Reopened April 16, 1935—Premises: North side of Linden boulevard, 50 feet east of 196th street (Block No. 1960, Lot No. 63), Queens. Decision of the commissioner of buildings. Applicant: Henry Mollenhauer, Jr. Dismissed for lack of prosecution.

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(653-28-BZ)

Filed August 3, 1928, Reopened April 9, 1935—Premises: Southeast corner of Hylan boulevard and Evans street (Block No. 3657, Lot Nos. 1 and 3), Richmond. Decision of the commissioner of buildings. Applicant: Bertram G. Eadie. Dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Comms.
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

WHEREAS, the foregoing applicants have filed with the Board of Standards and Appeals applications under the building zone resolution, affecting the premises in question; and

WHEREAS, the applicants have failed to complete their papers though duly notified to do so.

Resolved, that the applications be and they hereby are dismissed for lack of prosecution.

APPEALS FROM ADMINISTRATIVE ORDERS

188-35-A.

APPELLANT—Croker Fire Prevention Corp., for Realty Co. of West 26th Street, owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—518-534 West 26th street (Block No. 697, Lot No. 47), Manhattan.

APPEARANCES—

For Appellant: Sidney L. Strauss.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(188-35-A)

WHEREAS, Croker Fire Prevention Corp., for Realty Co. of West 26th street, owner, filed July 5, 1935, an appeal from an order of the commissioner of buildings affecting premises 518-534 West 26th street (Block No. 697, Lot No. 47), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated June 6, 1935, Order No. 22254-F, reads:

"Raise the standpipe gravity tank so that the bottom of said tank is not less than 20 ft. above the hose outlet in the highest story. Sec. 580-1, Ch. 5, Code of Ordinances and rules of the Board of Standards and Appeals.";

and

WHEREAS, the building is fireproof, 10 stories (135 feet) in height, 225 feet by 98 feet 9 inches in area; OCCUPIED as a tenant factory, not more than 90 persons per story, located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1905, equipped with a sprinkler system covering the entire building, also a standpipe system with tanks with 8,400 gallons of water, 3,500 gallons reserved for standpipe purposes and the applicant contends that the present standpipe system meets with all requirements of the rules except as to height of tank above the hose outlet, that the existing system affords ample fire protection; it is proposed to maintain the existing condition without change; and

WHEREAS, the representative of the department of buildings reported that the building was increased in height from 8 to 10 stories and the existing house, standpipe and sprink-

ler tanks carried up at that time that from his measurements there are two tanks with a capacity of 4,200 gallons each connected with an equalizer line about 3 ft. 2 in. above the bottom of the tank giving a reserve of 3,500 gallons for standpipe use, the bottom of tank being 12 ft. above the top floor outlet.

Resolved, that the order of the commissioner of buildings, No. 22254-F, be and it hereby is modified, and that the appeal be and it hereby is granted, permitting the two gravity tanks with a total capacity of 8,400 gallons to remain at their present height, on condition that they shall be not less than 12 ft. above the highest standpipe outlet in the top story; that the cross-connection between these two tanks shall be continued so that there shall be at all times not less than 3,500 gallons of water reserved exclusively for standpipe purposes; that other than as modified herein, the standpipe rules of the Board of Standards and Appeals shall be complied with in all respects.

192-35-A.

APPELLANT—Ansonia Fire Prevention Eng. Co., Inc., for Gramercy Storage Warehouses, Inc., owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—515-521 East 17th street (Block No. 975, Lot No. 10), Manhattan.

APPEARANCES—

For Appellant: Herman E. Horwood.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(192-35-A)

WHEREAS, Ansonia Fire Prevention Eng. Co., Inc., for Gramercy Storage Warehouses, Inc., owner, filed July 10, 1935, an appeal from an order and a decision of the commissioner of buildings affecting premises 515-521 East 17th street (Block No. 975, Lot No. 10), Borough of Manhattan; and

WHEREAS, the order of the building commissioner, dated May 2, 1935, Order No. 21374-F, reads:

"1. Raise the standpipe gravity tank so that the bottom of said tank is not less than 20 ft. above the hose outlet in the highest story. Sec. 580-1, Ch. 5, Code of Ordinances and Rules of the Board of Standards and Appeals.";

and

WHEREAS, the decision of the commissioner of buildings, dated June 20, 1935, reads:

"In reference to your request to rescind Order No. 21374-F issued against the above premises and requiring the standpipe tank to be elevated to not less than 20 ft. above the top story hose valve, you are advised that as the present height of tank fails to comply with Rule 91 of the Standpipe Rules, your request must be denied.";

and

WHEREAS, the building is fireproof, 7 stories (90 feet) in height, 100 feet by 92 feet in area; OCCUPIED: 1st story, office and garage; upper stories, storage warehouse, 6 persons throughout the building, located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1904, an alteration was made and Certificate of Occupancy No. 16512 issued June 12, 1930; the building is equipped with a standpipe system fed from a 5,000-gallon house supply tank (3,500 gallons reserved for standpipe pur-

MINUTES

poses) the bottom of which is 10 ft. 6 in. above one hose outlet and 9 ft. 9 in. above the other hose outlet in the top story; there are two vertical risers in the building, cross connected at basement, a 2,500-gallon suction tank in cellar from which additional supply may be obtained; furthermore, applicant contends that standpipes were not required in this building at the time of erection and no fault was found with the standpipe system for many years after nor at the time when alterations were made; it is proposed to maintain the existing standpipe system without change as the same provides ample fire protection; and

WHEREAS, the representative of the department of buildings reported that the steel tank contained 4,750 gallons; that it is used only for the standpipe system, the original house line having been removed and orifice capped and that the elevation above one outlet in highest story was 10 ft. 5 inches and that the system complies with rule 91 of the standpipes rules in all other respects.

Resolved, that the order of the commissioner of buildings, No. 21374-F, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the standpipe gravity tank to remain at its present height above the roof, *on condition* that it shall not be less than 9 ft. 9 in. above the highest outlet in the top story; that there shall be a reserve of 3,500 gallons of water at all times exclusively for standpipe purposes; that the hose nozzles on the top story shall be changed to 1/2 inch diameter; and that other than as modified herein, the standpipe fire-line equipment shall comply in all respects with rule 91 of the Standpipe Rules of the Board of Standards and Appeals.

193-35-A.

APPELLANT—Sunnyside Bath Club, Inc., lessee.
SUBJECT—Appeal from an order of the fire commissioner.
PREMISES AFFECTED—51-19 Queens boulevard (Block No. 506, Lot No. 53), Woodside, Borough of Queens.

APPEARANCES—

For Appellant: Frank A. D. Fleischer.
For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(193-35-A)

WHEREAS, Sunnyside Bath Club, Inc., lessee, filed July 9, 1935, an appeal from an order of the fire commissioner affecting premises 51-19 Queens boulevard (Block No. 506, Lot No. 53), Borough of Queens; and

WHEREAS, the order of the fire commissioner dated June 20, 1935, Order No. 66505-LC, reads:

"1. Discontinue the use and storage of chlorine in above premises, as place is used as a public assembly. Chapter 10, Section 214-C."

and

WHEREAS, the building is non-fireproof, one story (11 feet) in height, 60 feet by 125 feet in area; OCCUPIED: 1st story, filters and chlorinator room; roof, hand ball court; located within a business district; and

WHEREAS, the applicant proposes to maintain a chlorinator for the purpose of sterilizing the water in swimming pool 54 feet distant; there will be two 100-pound-cylinders of liquefied chlorine placed in galvanized iron tanks and completely submerged in water, with two large open sprinkler heads located directly over each tank, a Wallace and Tiernan chlorinator properly connected, the sprinklers are manually operated by a control valve 26 feet from the tanks at entrance to filter room; a gas mask is kept at top

of stairs leading to filter room; an experienced operator will be in charge of the chlorine system.

Resolved, that the order of the fire commissioner, No. 66505-LC, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the use and storage of not more than two 100-pound cylinders of liquefied chlorine, *on condition* that these cylinders shall be installed in the fireproof cellar, as indicated on plans filed with this appeal; that the cylinders shall be completely immersed in water at all times; that there shall be a sprinkler head located directly over each tank, fed through a pipe not less than 1 inch in diameter and controlled by valve from the exterior of the basement; that there shall be installed a Wallace & Tiernan or other approved mixing valve; that a gas mask suitable for use with chlorine gas as approved by the Bureau of Mines shall be maintained on the premises at the top of the stairs leading to the filter room and the equipment shall be at all times under the supervision of a person holding a certificate of fitness; that while the swimming pool is not in operation the chlorine tanks shall be entirely removed from the premises.

48-30-A.

APPELLANT—Continental Baking Company, owner.
SUBJECT—Application for reopening—amendment—re: Appeal from an order of the fire commissioner.
PREMISES AFFECTED—3362-3374 Park avenue (Block No. 2387, Lot No. 10), The Bronx.

APPEARANCES—

For Appellant: Roy Fennema.
For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(48-30-A)

WHEREAS, the appeal affecting premises 3362-3374 Park avenue (Block No. 2387, Lot No. 10), Borough of The Bronx, was granted by the board February 18, 1930, on certain conditions and the owner requested an amendment of the resolution.

Resolved, that the resolution adopted by the board on February 18, 1930, be and it hereby is *amended*, by adding thereto, the following paragraph:

"That in the event that a one-story garage building is erected on the adjoining plot to the north for the sole use and occupancy of the Continental Baking Company and in conjunction with the building under appeal, that there may be not over one opening between such new garage and the existing building *on condition* that such opening shall not exceed an area of 120 sq. ft. and that such opening shall be protected on both sides with automatic labeled rolling shutters."

78-35-A.

APPELLANT—S. A. Swenson, for The O. B. Potter Properties, Inc., owner.
SUBJECT—Application for reopening—restoration to calendar re: Appeal from an order and decision of the commissioner of buildings.
PREMISES AFFECTED—436-440 Lafayette street (Block No. 545, Lot No. 34), Manhattan.

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APPEARANCES—

For Appellant: S. A. Swenson.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal reopened and granted on condition.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(78-35-A)

WHEREAS, S. A. Swenson, for The O. B. Potter Properties, Inc., filed March 25, 1935, an appeal from an order and a decision of the commissioner of buildings affecting premises 436-440 Lafayette street (Block No. 545, Lot No. 34), Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated February 4, 1935, Order No. 19271-F, reads:

"1. Install an approved standpipe system in accordance with the Rules of the Board of Standards and Appeals. Sections 580-1, Article 28, Chapter 5, Code of Ordinances.";

and
WHEREAS, the decision of the commissioner of buildings, dated March 4, 1935, reads:

"In reply to your request for further consideration on Order 19271-F requiring an approved standpipe system to be installed in the above premises, you are advised that Section 581, Chapter 5, of the Code of Ordinances requires a standpipe system to be installed in all buildings exceeding 85 feet in height or which exceed 10,000 square feet in area.

"As this building exceeds both the above height and area the order must be complied with.

"Your request in reference to Item 2 of Order 19273-LD, is under consideration.";

and
WHEREAS, the building is non-fireproof, 6 stories (91 feet) in height, 81 feet by 158 feet 2 inches in area; OCCUPIED: sub-cellar, storage; cellar, repairing water filters, 30 persons; 1st story, offices, 50 persons; 2nd story, machinery, 2 persons; 3rd story, upholstering, 12 persons; 4th story, toy factory, 45 persons; 5th story, offices, 8 persons; 6th story, finishing hats, 70 persons; located within an unrestricted district; and

WHEREAS, the appellant claims the building was erected in 1890, equipped with a two-source automatic sprinkler system fed from a 20,000-gallon gravity tank and a 9,000-gallon pressure tank, provided with siamese connections at street front also water flow fire alarm connection; technically the height of the building is 91 feet but the roof space, which is fully sprinklered, is approximately 6 feet above the ceiling of top story; the net floor area at 1st story is approximately 11,050 square feet and upper floor areas are 10,500 square feet; fire extinguishers are distributed throughout the building; furthermore, the appellant contends that the sprinkler system is more efficient than a standpipe system and the building is equipped with adequate fire fighting apparatus; and

WHEREAS, this appeal was withdrawn May 14, 1935, and restored to calendar by vote of the board September 10, 1935; and

WHEREAS, the representative of the department of buildings reported that the adjoining building is 17 feet higher

and that two 4-inch standpipe risers would be required due to depth of building.

Resolved, that the order of the commissioner of buildings, No. 19271-F, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, so as to permit the standpipe system to be installed to be fed from the existing 5,000-gallon standpipe tank on the roof of the adjoining building at No. 442 Lafayette street (SEE APPEAL No. 169-35-A), on condition that other than this modification as to the tank that the standpipe system shall be installed in all respects in accordance with the rules of the Board of Standards and Appeals and on the further condition that the sprinkler system shall be maintained to the satisfaction of the administrative official and that the sprinkler system shall at all times have central station alarm connection and granted only so long as these conditions maintain.

170-35-A.

APPELLANT—Kiamie Realty Corporation, owner.

SUBJECT—Application for reopening—restoration to calendar re Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—16 East 18th street (Block No. 846, Lot No. 65), Manhattan.

APPEARANCES—

For Appellant: Philip Kiamie.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Appeal reopened and granted on condition.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(170-35-A)

WHEREAS, Kiamie Realty Corporation, owner, filed June 21, 1935, an appeal from an order of the commissioner of buildings affecting premises 16 East 18th street (Block No. 846, Lot No. 65), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated June 5, 1935, Order No. 22164-F, reads:

"4. Provide a steam or electric feed pump of sufficient capacity to deliver 65 gallons of water per minute at the standpipe tank. Sections 580-1, Chapter 5. Code of Ordinances.";

and

WHEREAS, the building, erected in 1900, is fireproof, 9 stories (120 ft.) and pent house in height, 23 ft. 10 in. by 94 ft. in area; OCCUPIED: 1st story—restaurant; upper stories — tenant factories — approximately 10 persons per story; pent house—vacant at present; and

WHEREAS, applicant contends that the present pump and piping supplying the standpipe tank are in good running order and that they supply the tank with 20 gallons of water per minute; and

WHEREAS, this appeal was dismissed for lack of prosecution July 9, 1935, and restored to calendar by vote of the board September 10, 1935; and

WHEREAS, the representative of the department of buildings reported that there was an existing automatically self-starting pump delivering approximately 22 gallons per minute; that the standpipe system otherwise complied generally with the rules.

Resolved, that the order of the commissioner of buildings, No. 22164-F, be and it hereby is *modified*, and that the ap-

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peal be and it hereby is *granted*, permitting the existing electric automatically fed pump delivering 22 gallons of water per minute to the standpipe tank to remain for a period of one year from the date of this resolution, *on condition* that other than as modified herein the requirements of the Standpipe Fire-Line Rules of the Board of Standards and Appeals shall be complied with in all respects.

APPLIANCES SUBMITTED FOR APPROVAL

163-35-SA.

APPLICANT—United Iron Works, owner; Stanley Sales Company, agent.

SUBJECT—United Iron Works Centrifugal Pumps for Gasoline and Fuel Oil, Type Single Stage Vertical Pump, approval of.

APPEARANCES—

For Applicant: Robert Barnes.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of the board and bureau of combustibles, fire department, for test and report.

204-35-SA.

APPLICANT—Rhode Island Fittings Co., owner; H. L. Haven, agent.

SUBJECT—Rhode Island Fill Box for Fuel Oil, approval of.

APPEARANCES—

For Applicant: H. L. Haven.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of the board and bureau of combustibles, fire department, for test and report.

206-35-SA.

APPLICANT—Sears, Roebuck & Co., owner.

SUBJECT—Air-O-Flame Space Heater, Models 1591, 1582, 71, 91, 1572, 572, 591 and 582 (Sleeve type).

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, referred to engineer of the board and bureau of combustibles, fire department, for test and report.

77-34-SA.

APPLICANT—Packard Oil Burner Sales Corp., for The Packard Burner Mfg. Corp., owner.

SUBJECT—Application for reopening—amendment—Packard Fuel Oil Burner.

APPEARANCES—

For Applicant: R. H. Parent.

ACTION OF BOARD—Application reopened, placed on reserve calendar, referred to engineer of the board and bureau of combustibles, fire department, for test and report.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

Adjourned, 4:00 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

Name of Burner	Calendar No.	Name of Burner	Calendar No.
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Water Heater Assembly.....	250-34-SA	Loyalty Range Burner	302-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Lynn-Range Burner, Models Junior, Lypré and DeLuxe	238-33-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	National Range Oil Burner.....	361-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	No-Wyck-Koaleess Range and Stove Oil Burner	251-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Putnam Range Oil Burner	54-35-SA
Fairfax Range Burner	302-34-SA	Quaker Burnoil Stove	11-31-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Quick Meal Range Burner.....	304-34-SA
Florence Range Burners.....	219-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fox Range Oil Burner.....	200-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Kolrid Range Burner.....	48-34-SA	Superfex Oil Burning Heater	491-31-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Tower Range Oil Burner	126-33-SA
		Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA

RULES

OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals June 15, 1934, as Amended July 12, 1935, and as Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS—Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

CONTROLS—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND—An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp.	Gr.	(A. P. I.)	
No. 1	Fuel Oil	"	"	"	40-44°
No. 2	"	"	"	"	36-40°
No. 3	"	"	"	"	32-36°
No. 4	"	"	"	"	28-32°
No. 5	"	"	"	"	24°+
No. 6	"	"	"	"	18°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 30 inches

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. in diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material. All such tanks shall be electrically grounded.

(e) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

Correction—paragraph (d) eliminated, covered by Rule 5, section 1 and Rule 10, section 3; paragraph (e) change to (d) and portion, covering thickness of shell, eliminated, covered by Rule 5, section 1; paragraph (f) change to (e).

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "
If distant 50 feet.....	48,000 "
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workman-like manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

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Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimensions of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

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Published at request of the Fire Chief and Commissioner

SPECIFICATIONS FOR TANK TRUCKS

To be used in the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, in accordance with the provisions of Section 113, Article 8, Chapter 10 of the Code of Ordinances, effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, storage or use within the city any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester, except in a tank truck for which a permit has been granted by the Fire Chief and Commissioner. (Sec. 113, Art. 8, Chap. 10.)
- 1.2. . . A permit is required for each tank truck for the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester. (Sec. 113, Art. 8, Chap. 10, C. of O.)
- 1.3. . . Application for a permit shall be made on forms prescribed by said Fire Chief and Commissioner and shall contain such information as he shall require. (Sec. 20, Art. 2, Chap. 10, C. of O.)
- 1.4. . . Unless otherwise provided every permit for a tank truck and the renewal thereof, shall be for a period determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Sec. 26, Art. 2, Chap. 10, C. of O.)
- 1.5. . . The permit is revocable and not transferable and in case of a change of ownership of the truck, the new owner shall obtain a new permit. Fee \$10.00 for each truck. (Sec. 43, Art. 3, Chap. 10, C. of O.)
- 1.6. . . Complete specifications of the truck, with detail construction drawings showing plan and elevation of the tank, also carrying capacity of the chassis, shall be filed. This section will not apply to existing equipment.

RESPONSIBLE PERSON

- Sec. 2.1. . . Each tank truck for which a permit has been issued shall be under the control and supervision of a responsible person.

GRAVITY TANK TRUCK

- Sec. 3.1. . . The term gravity tank truck when used in these tank truck specifications shall be a steel tank mounted on either a motor driven or horse drawn vehicle, in which the contents shall be any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, and is drawn off through an opening or openings in the bottom of the tank whether by natural gravity flow or actuated by some mechanical means.

TANK CAPACITY

- Sec. 4.1. . . The total carrying capacity of the tank shall not exceed twenty-five hundred (2500) gallons, except that heavy oils, (Numbers 5 and 6) may be carried in a tank of not more than three thousand (3,000) gallons capacity.
- 4.2. . . The total capacity of any one compartment shall not exceed six hundred gallons (600), except that heavy oils numbers 5 and 6 may be carried in a three thousand gallon compartment.

NOTE: See U. S. Dept. of Commerce Fuel Oil Standards CS12-33.

4.3. . .

Grade	Flash Point	
	Minimum	Maximum
No. 1. (A distillate oil for use in burners requiring a volatile fuel)	110° F.	165° F.
No. 2. (A distillate oil for use in burners requiring a moderately volatile fuel)	125° F.	190° F.
No. 3. (A distillate oil for use in burners requiring a low viscosity fuel)	150° F.	200° F.
No. 4. (An oil for use in burners requiring low viscosity fuel)	150° F.	
No. 5 (An oil for use in burners permitting a medium viscosity fuel. (Bunker B, Federal specification, 2d)	150° F.	
No. 6. (An oil for use in burners permitting a high viscosity fuel. (Bunker C, Federal specification, 2d)	150° F.	

TANK CONSTRUCTION

- Sec. 5.1. . . The tank shall be a rigid all steel structure, open hearth or blue annealed steel throughout, in accordance with the following table. Wrapper sheets shall be installed with longitudinal seams near the top. All joints shall be welded. The joints shall be welded (continuous) both inside and outside and shall be of full 45 degree fillet, except in double bulk head construction one-side welding only.
- 5.2. . . All gauges specified are U. S. Standard and apply to either single or double head construction.
- Tanks of not more than 600 gallons capacity—12 gauge shell—12 gauge head
- Tanks of over 600 gallons and not more than 1200 gallons capacity—10 gauge shell—10 gauge head
- Tanks over 1200 gallons and not more than 3000 gallons capacity—
- 400 gallon compartment and under 10 gauge shell—10 gauge head

RULES

over 400 gallon compartment and not more than 600 gallon compartment—10 gauge shell—8 gauge head
for compartments over 600 gallon to carry 5 and 6 oils—8 gauge shell—8 gauge head
Tank capacities to conform to sections 4.1 and 4.2 of these specifications.
No permit shall be granted to a tank truck using a tank of lighter construction than above specified after July 1, 1937.

- Sec. 5.3. . . Material other than open-hearth or blue annealed steels may be used if in thicknesses and designs that will give tank strengths and rigidities not less than those of the steels described and which have an equal or higher melting point.
- 5.4. . . All existing welded and riveted tanks will be accepted, if free from ruptures, defects and leakage.

CAPACITY INDICATOR

- Sec. 6.1. . . Adjustable indicator or gauging device shall be placed in each filler opening so set as to allow three-fourths of a gallon to each one hundred (100) gallons for expansion. Total shall not be above indicator level. Indicator shall be sealed. The installation of indicators as above described, not required on existing equipment.

RELIEF VENTS

- Sec. 7.1. . . Each compartment shall be provided with a breather vent. The vent shall be of the normally closed pressure controlling type, except for oils known as Numbers 5 and 6.
- 7.2. . . Vents of the enclosed type shall relieve at not more than five (5) pounds pressure, except for oils Numbers 5 and 6. All vents shall be provided with a 20 x 20 mesh non-corrodible wire screen.
- 7.3. . . Vents shall have a through area as below specified and shall be provided as follows:
- $\frac{3}{4}$ " diameter vent when 2" drawoff pipe is used
 - $\frac{3}{4}$ " diameter vent when 2½" drawoff pipe is used
 - 1" diameter vent when 3" drawoff pipe is used
 - 1½" diameter vent when 4" drawoff pipe is used
 - 1½" diameter vent when 6" drawoff pipe is used

COVERS

- Sec. 8.1. . . Manhole and filler openings shall be made gas and liquid tight with a hinged cover.

TEST

- Sec. 9.1. . . Each compartment shall show no signs of leakage; hydrostatic test of 5 pounds per square inch will be made on demand of the Fire Chief and Commissioner.

INSIDE EMERGENCY VALVES

- Sec. 10.1. . . An inside emergency valve (except compartments of one hundred and fifty (150) gallons or less) shall be provided at the outlet orifice from each compartment and shall be kept closed except during delivery

or discharging operation. Except for tanks containing Nos. 5 or 6 oil, the valve shall be of the quick closing type and arranged to close with the flow of liquid and shall be installed independent of the outside pipe connections or with a shear section which will break under strain. There shall be no stuffing box below the liquid level. In tanks containing numbers 5 or 6 oil, the valve may be either of the quick closing or of the screw type.

OUTSIDE PIPING AND VALVES

- Sec. 11.1. . . Each compartment or tank shall be emptied by means of gravity or by pump or both, or if so desired, the syphon type of truck as approved for gasoline, may be used.
- 11.2. . . When pump is used, it shall be provided with a sealed means of bypassing so designed and set that it will not deliver more than 25 gallons per minute through a 1¼ inch delivery hose and not more than 50 gallons per minute when using a delivery hose not exceeding 2 inches in diameter when delivering fuel oils Numbers 1, 2, 3 and 4 as specified under Section 4.3 of these Specifications. Provisions shall be made for a pressure gauge on the discharge side of the pump. Grounded flexible hose of not more than 24 inches in length may be used between the pump and the suction end of the discharged piping.
- 11.3. . . On tank semi-trailer equipment which is a vehicle of the trailer type (upon which is mounted a tank) having one or more axles and two or more wheels so designed and used in conjunction with a motor vehicle that some part of its own weight and that of its own load rests upon or is carried by another vehicle, grounded flexible hose not exceeding six (6) feet in length, shall be used to connect the piping on the motor vehicle to the piping on the tank semi-trailer.
- 11.4. . . Piping shall be connected to the bottom of the tank, either by having the wrapper sheet flanged and special connections welded thereto, or by heavy pipe flanges welded both inside and outside to the wrapper sheet when screwed piping is used (valves excepted) the joints shall be either welded, brazed or cemented for tightness.
- 11.5. . . Piping shall be supported from the tank or tank structure. Rear and side outlet valves shall be protected by rear bumper or on the side by the steel running boards. Hose shall not exceed 100 feet in length.

MOUNTING

- Sec. 12.1. . . Each tank shall be substantially supported by iron or pressed steel cradles or steel bolsters. The tank shall be secured to the bolsters or cradles either by welding or by approved metal straps.
- 12.2. . . If a wooden sill is used the hold-down bracket must be so designed that both the "U" bolts which fasten the sill to the chassis frame, and the hold-down bands which hold the tank to the cradle, become a part of the same bracket assembly, so that there will always be a metal connection between tank and chassis. The sills must be so anchored as to prevent any longitudinal movement of the tank structure relative to the chassis frame.

RULES

BUMPERS

- Sec. 13.1. . . A substantial steel bumper shall be provided at the rear, so designed as to protect the rear of each tank and the discharge valves from injury.
- 13.2. . . Bumpers shall be permanently secured to the chassis frame and in such a manner as to provide protection for the rear of the tank and the discharge valves.

BUCKET BOXES & RUNNING BOARDS

- Sec. 14.1. . . Bucket boxes when used must be of metal construction not lighter than 14 U. S. Standard gauge—must be a permanent part of the tank structure and provided with drainage and ventilation through the bottom. Hard wood lining may be used to prevent sparking. All steel running boards shall be provided and shall not extend beyond the maximum width of the chassis. The over-all width of the assembled tank truck shall not exceed the State limitations. All rags or cotton waste shall be kept in a covered metal box.
- 14.2. . . Running boards constructed of wood if in good condition shall be accepted on existing equipment.

WIRING

- Sec. 15.1. . . All wires from rear of the cab to the rear of the tank shall be located in rigid iron, flexible steel conduit, armored cable, or approved metal conduit with water tight connections.
- 15.2. . . The tail light shall be mounted at the level of the top of the tank, on the left side rear.

SMOKING

- Sec. 16.1. . . Smoking on a tank truck is prohibited at all times.

CHASSIS WEIGHT

- Sec. 17.1. . . The net chassis weight without accessories, such as cab, spare tire, water, gasoline, front and rear bumpers, etc., shall weigh not less than the percentage of the gross weight when fully loaded and completely equipped as follows:

For tanks	0 to 600 gallons	—25%
" "	601 " 1250 "	—30%
" "	1251 " 3000 "	—28%

When tractor-semi-trailer equipment is used, the net chassis weight shall include both the tractor and semi-trailer chassis.

EXAMPLE

17.2. . . Weight of Chassis (stripped) . . .	9245 lbs.
" " Tank (hose reel, etc.)	5300 lbs.
" " Fuel oil (1500 gal. at 7.5 per gal.)	10800 lbs.
" " Cab	500 lbs.
" " Accessories, water, gas, spare tire, etc.)	485 lbs.

26330 lbs.

28% of 26,330 lbs. equal 7372 lbs.—minimum weight of chassis acceptable.

- 17.3. . . A chassis to be acceptable must be accompanied by a sworn statement signed by the Chief Engineer of the company manufacturing the chassis, guaranteeing the truck to be safe for the superimposed load. Duplicate chassis may be submitted without individual sworn statements.

- Sec. 17.4. . . A chassis of less weight than specified in Section 17.1 may be accepted if accompanied by a certificate of the manufacturer supported by sworn statement of the Chief Engineer or other technical expert that said chassis is sufficiently strong to carry the superimposed weight for which it is designed, and further that it is of sufficient stability at all times while stationary or in motion in traffic to be a safe vehicle on the highways.

- 17.5. . . The engine exhaust piping shall terminate preferably under the cab. If carried under the tank, it shall terminate not more than one-half the length of the tank from the rear. It shall be protected by a metal shield. The outlet shall be turned downward.

- 17.6. . . The use of any vehicle (upon which is mounted a tank) without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as full tank trailer, is prohibited.

CAB

- Sec. 18.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. Engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab. The filling connection shall preferably be outside the cab. A windshield shall be provided.
- 18.2. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck, in a card holder.

PAINTING AND MARKING

- Sec. 19.1. . . The tank and rear bucket compartment, if any, shall be painted Dark Green; but the chassis, running gear, cab, bonnet or hood of motor, or the wheels may be painted any color suitable to the applicant.
- 19.2. . . The metal permit plate, furnished by the Fire Department at the same time the Fire Department permit is issued, must be securely fastened to the exterior of the cab on the left side of the tank truck and be so displayed during the life of the permit.
- 19.3. . . The registered trade name, or the name of the person, firm or corporation owning or operating the tank truck shall be displayed on both sides of the tank in letters at least three and one-half inches high by one-half inch stroke; it is optional with the distributor to add the name of the product and the firm address.
- 19.4. . . The advertising of any product distributed by the person, firm or corporation operating the tank truck is permitted, but oils having a flashpoint of less than 100° F. when tested in an open cup tester shall not be advertised on any part of the tank truck.

FIRE PROTECTION

- Sec. 20.1. . . Non-freezing fire appliances only shall be carried on tank trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

RULES

CANS

Sec. 21.1. . . Excess storage of the product transported or delivered not exceeding sixty (60) gallons in containers as specified in Section 113, Article 8, Chapter 10, Code of Ordinances, may be carried in the bucket compartments and it is further provided that where a delivery is made in a licensed premise, open measuring cans of a capacity not exceeding ten (10) gallons may be used if same are not left on premises as a storage container.

SPECIFICATIONS FOR PLATFORM TRUCKS

To be used for the transportation or delivery for storage, sale or use within the City, of any petroleum or shale oil, or the liquid products of either, or coal tar in accordance with Sections 113 and 114, Article 8, Chapter 10 of the Code of Ordinances effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, use or storage within the City any petroleum or shale oil, or the liquid products of either, or coal tar without a permit from the Fire Chief and Commissioner. (Sections 113 and 114, Article 8, Chapter 10, Code of Ordinances.)
- 1.2. . . Application for a permit shall be made on forms prescribed by the Fire Chief and Commissioner and shall contain such information as he shall require. (Section 20, Article 2, Chapter 10, Code of Ordinances.)
- 1.3. . . Unless otherwise provided every permit for a rack or stake truck and the renewal thereof, shall be for a period to be determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Section 26, Article 2, Chapter 10, Code of Ordinances.)
- 1.4. . . The permit is revocable, not transferrable and in the case of a change of ownership, the new owner shall obtain a new permit. (Section 43, Article 3, Chapter 10, Code of Ordinances.) Fee Ten (\$10) Dollars for each truck.
- 1.5. . . The metal plate, furnished by the Fire Department at the same time the Fire Department Permit is issued, must be securely fastened to the exterior of the cab on the left side of the truck and be so displayed during the life of the permit.
- 1.6. . . A permit shall be issued only for this type of vehicle for a gross weight of vehicle and load not to exceed a weight in pounds which shall be stated in a certified statement which is filed with the Fire Chief and Commissioner by the manufacturer of the completed chassis.

BODIES

Sec. 2.1. . . Trucks may have any type of body suitable to the applicant, provided it is mounted on a chassis in a workmanlike manner.

CAB

Sec. 3.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. The engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab.

The filling connection shall preferably be outside the cab. A windshield shall be provided.

Sec. 3.2. . . Engine fuel tanks, if attached to chassis frame and located on right side, and not extending beyond the width of the body, shall be accepted if on existing equipment.

WIRING

Sec. 4.1. . . All wiring used on this type of truck shall be kept in a safe condition.

RACKS

- Sec. 5.1. . . If rack compartments are used to hold containers they shall be substantially made and so arranged, when placed in tiers, that the construction of the lower rack compartment will support the weight of the upper rack compartment and the containers.
- 5.2. . . Products shall only be transported or delivered on a truck of this type in containers as specified in Sections 113 and 114 of Article 8 of Chapter 10 of the Code of Ordinances of the City of New York.
- 5.3. . . Containers not exceeding five (5) gallon capacity shall be transported or delivered in a case of a design that will prevent any weight or strain being placed upon the container.
- 5.4. . . Containers as specified in Section 5.2 of these specifications may be stacked in tiers if the rated gross load does not exceed the provisions of Section 1.6 of these specifications.

TRAILERS

Sec. 6.1. . . The use of any vehicle, without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as a full trailer, is prohibited.

PAINTING AND MARKING

- Sec. 7.1. . . The body of this type of truck may be painted any color suitable to the applicant.
- 7.2. . . The registered trade name or the name of the person, firm or corporation operating this type of truck shall be displayed on both sides of the truck in letters at least two inches in height by one-quarter inch stroke.

FIRE PROTECTION

Sec. 8.1. . . Non-freezing fire appliances only shall be carried on these trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

SMOKING

Sec. 9.1. . . Smoking on a truck while transporting or delivering any oils or liquids requiring a permit from the Fire Chief and Commissioner is prohibited.

RAGS

Sec. 10.1. . . All rags or cotton waste shall be kept in a covered metal box.

INSPECTION CARD

Sec. 11.1. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck in a card-holder.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

Appliances Submitted for Approval

938-22-SA—Johnson Improved Rotary Fuel Oil Burner.

1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R.

443-26-SA—American Anti-Syphon Valve.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

32-34-SA—Super Oil Burner for Pressing Machine.

77-34-SA—Packard Fuel Oil Burner.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit). Models D and F.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

29-35-SA—Aetna Range Oil Burner.

30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

97-35-SA—Roper Rotary Pump for Fuel Oil.

113-35-SA—Ryan Marvel Oil Burner, Model M.

133-35-SA—Monarch Industrial Oil Burner.

135-35-SA—Loyalty Conversion Hot Water Heater.

156-35-SA—Gillespie Elevator Shaft Door Switch.

157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.

158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.

159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.

160-35-SA—Automatic Products Co. Constant Level Oil Burner Controls, Models 73B, 77, 261 and Model 240. Types (MAM), (MAE), (MAW), (BM), (U-nr), (P), (E), and (W-er 1).

163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.

165-35-SA—Serv-Well Range Oil Burner, Models 27B and 27T.

166-35-SA—Serv-Well Space Heater, Models 247T and 248.

167-35-SA—Serv-Well Water Heater, Models 255A and 255B.

171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.

172-35-SA—Florence Oil Space Heater, Models PH-28 and PH-8.

175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.

177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.

179-35-SA—Lonergan Automatic Hot Water Heater with Tank.

180-35-SA—Majestic Range Oil Burner, Models 27B and 27T.

181-35-SA—Majestic Space Heater, Models 247T and 248.

182-35-SA—Majestic Water Heater, Models 255A and 255B.

189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.

190-35-SA—Air-O-Flame Space Heater, Pot Type, Models 808, 810 and 108.

204-35-SA—Rhode Island Fill Box for Fuel Oil.

206-35-SA—Air-O-Flame Space Heater (Sleeve Type). Models 1591, 1582, 71, 91, 1572, 572 and 582.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.	
Cases pending December 31, 1934	163
Cases filed up to September 11, 1935	239
Restored to Calendar	86

MISCELLANEOUS APPLICATIONS.	
Requests to reopen	263
Requests to amend	105
Requests for modification	0
Requests to rescind	4
Requests for extension of time	39
Requests for extension of permit	6
Requests for mechanical installations	0
Requests for approval of plans	8
Administrative requests	0
Requests for interpretation	0
Total	913
Disposed of	733
Cases pending September 11, 1935	180

DISPOSITION OF CASES.	
Withdrawn	27
Dismissed	13
Denied	64
Granted	4
Granted on condition	135
Appliances approved	57
Appliances dismissed, disapproved or withdrawn.....	6
Rules approved	2
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.	
Requests to reopen granted	238
Requests to reopen denied	5
Requests to amend granted	105
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	4
Requests to rescind denied	0
Requests for extension of time granted	39
Requests for extension of time denied	0
Requests for extension of permit granted	6
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	20
Total	733

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

SEPTEMBER 24, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 39

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, September 23, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, September 30, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

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Minutes of Regular Meeting, Sept. 17, 1935, at 2 P. M.

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DOCKET.

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246-35-BZ....	D.B.Q....	6201-6205 Broadway, northeast corner of 62nd street (Block 1189 Lot 93), Woodside, Queens. Applic. 3479-35.
245-35-BZ....	D.B.Q....	36-18 30th street (Block 342, Lot 31), Astoria, Queens, Alt. 4448-35.
244-35-SA....	F.D.....	Woolley Mechanical Oil Burner, Appliance.
243-35-SA....	D.B.....	Josam-Marsh Hair Interceptor, Plumbing Trap, Appliance.
242-35-BZ....	D.B.Bx....	1620 Castle Hill avenue, southeast intersection of Glover street (Block 3989, Lots 10 and 11), The Bronx, N. B. 242-35.
241-35-SA....	F.D.....	Carbonic Gas Equipment Co., Dry Ice Converter, Appliance.
240-35-BZ....	D.B.Q....	Northwest corner of Queens boulevard and 56th avenue (Block 1844, Lot 3), Woodside, Queens, N. B. 3065-35.

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175-17-BZ....	D.B.M....	355 West 16th street and 354-360 West 17th street (Block 740, Lot 7), Manhattan, N. B. 37-17.
577-19-BZ....	D.B.M....	179-183 West Houston street and 231-235 Sixth avenue, southwest corner (Block 520, Lot 33), Manhattan, Alt. 1541-35.
58-24-BZ....	D.B.Q....	76-19 Northern boulevard, northwest corner of 77th street (Block 1172, Lot 40), Jackson Heights, Queens, Alt. 5430-35.
1-27-BZ....	D.B.Bx....	1124 Gun Hill road, southwest corner of Boston road (Block 4615, Lot 36), The Bronx, Alt. 456-35.
1109-27-BZ...	D.B.Q....	106-21 Woodhaven (Cross Bay) boulevard, east side, 365.61 feet north of 108th avenue (Block 430, part of Lot 45), Woodhaven, Queens. N. B. 3004-35.

CODE

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H.D.....	Health Department
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D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
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CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 23, 1935, AT 2 P. M.

Building Zone Cases.

140-35-BZ. APPLICANT—Philip Markowitz, for Henrietta Fama, owner. PREMISES—236 Bedford Park boulevard (East 200th street), south side, 25.1 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx. APPLICATION, under section 21 of the building zone reso- lution, TO PERMIT in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the Building Zone Resolution.
195-35-BZ. APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners. PREMISES—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx. APPLICATION, under section 21 of the building zone resolution, TO PERMIT in a business district the erection and main- tenance of a gasoline service station.
825-27-BZ. APPLICANT—Alfred Taffett, for Richard Morrison, owner. PREMISES—Southeast corner of Bronx boulevard and east 219th street (Block No. 4649, Lot No. 41), The Bronx. APPLICATION, under section 21 of the building zone resolution (reopened June 18, 1935), TO PERMIT in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles.

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477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

PREMISES—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.

PREMISES—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

SEPTEMBER 24, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, September 24, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 2-35-BZ—Application, January 4, 1935, under section 21 of the building zone resolution, of Jacob Lubroth, applicant, on behalf of Mipan Property, Inc., owner, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop; premises 5313-5323 Avenue "D" and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

CAL. NO. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

CAL. NO. 136-35-BZ—Application, May 27, 1935, under section 21 of the building zone resolution, of Morris Braun, applicant, on behalf of Isidore Rothman, owner, to permit in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store); premises 1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.

CAL. NO. 230-35-BZ—Application, August 29, 1935, under sections 7c and 7d of the building zone resolution, of Walter D. Binger, Deputy Commissioner, Department of Sanitation, on behalf of City of New York, owner, to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a Grit Chamber and a garage for one (1) truck; premises 440 East 110th street and 169-175 Pleasant avenue, southwest corner (Block No. 1703, Lot Nos. 29 and 31), Manhattan.

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

SEPTEMBER 24, 1935, 2 P. M.

Appeals from Administrative Orders.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

202-35-A—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

210-35-A—243 West 42nd street (Block No. 1014, Lot No. 12), Manhattan.

215-35-A—4065-4079 Tenth avenue, southeast corner of West 218th street (Block No. 2213, Lot No. 6), Manhattan.

Variations of Labor Law.

191-35-S—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

227-35-S—299 East 106th street and 2064 Second avenue, northeast corner (Block No. 1678, Lot No. 1), Manhattan.

Appliances Submitted for Approval.

216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).

235-35-SA—Penn Rotary Oil Burner.

241-35-SA—Carbonic Gas Equipment Company Dry Ice Converter.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, September 24, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 10-32-BZ—Application of Martin J. Ort, on behalf of Marmion Avenue Corp., owner, reopened July 9, 1935 for consideration as to extension of permit which has expired by limitation—re application, granted under sections 7a and 7e of the building zone resolution, permitting in a

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business district the extension of an existing garage for more than five (5) motor vehicles; premises 2073 Southern boulevard, west side, 184.27 ft. south of East 180th street ((Block No. 3108, Lot No. 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway ((avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 332-32-BZ—Application for Nordlinger, Riegelman and Cooper, on behalf of Kabor Holding Corporation, owner, reopened July 19, 1935, to permit under section 21 of the building zone resolution the amendment of a resolution adopted by the Board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores; premises 3276 Jerome avenue, southeast corner of Grand Concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, or behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re application. granted under sections 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 124-35-BZ—Application, May 17, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Carl P. Gronbeck, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

CAL. NO. 81-35-BZ—Application, March 28, 1935, under sections 7g and 21 of the building zone resolution of R. T. Schaefer, applicant, on behalf of Jesse Abrams, owner, to permit partly in a business district and

partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

131-35-BZ.

APPLICANT—Otto J. Sambach, for Elizabeth Fahy, owner.

PREMISES—137 Lyman avenue, north side, 44.89 feet east of Tompkins avenue (Block No. 3071, Lot No. 25), Fort Wadsworth, Richmond.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a Coal Pocket.

155-35-BZ.

APPLICANT—Scacchetti & Siegel, for Louise Alma Kaufman, owner.

PREMISES—3215 Grand Concourse, southwest corner of East Van Cortlandt avenue (Block No. 3311, Lot No. 53), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

CALENDAR

344-33-BZ.

APPLICANT—Nordlinger, Riegelman & Cooper, for Parkville Amusement Corp., owner.

PREMISES—1048-1072 Ocean parkway, west side 380 feet south of Avenue J (Block No. 5494, Lot Nos. 870 and 872), Brooklyn.

APPLICATION, under sections 7a, 7c and 21, of the building zone resolution (reopened July 16, 1935), TO PERMIT the amendment to the resolution of February 23, 1934, as to the conditions imposed therein—re Application granted permitting in a residence district the erection and maintenance of a recreation center.

OCTOBER 1, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 1, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 118-31-BZ—Application of Conroy and Hardy, on behalf of Joseph Zorn, owner, reopened March 5, 1935, under section 21 of the building zone resolution, to permit the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board; premises 2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

CAL. NO. 138-35-BZ—Application, May 28, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Downy Properties, Inc., owner, to permit partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station; premises 247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

CAL. NO. 154-35-BZ—Application, June 15, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Assets Control Company, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

CAL. NO. 535-32-BZ—Application of William Shary, on behalf of W. Parsons Todd, owner, reopened June 4, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period; premises 2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

CAL. NO. 331-32-BZ—Application of Nordlinger, Riegelman and Cooper, on behalf of Elljane Holding Corporation, owner, reopened June 4, 1935, under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station — previously granted for a temporary period; premises southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 1, 1935, 2 P. M.

Appeals from Administrative Orders.

211-35-A—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

363-31-A—111-17 49th street (Block No. 771, Lot No. 1), Brooklyn.

14-35-A—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

CALL OF CLERK'S CALENDAR
MONDAY, OCTOBER 7, 1935, AT 2 P. M.

Building Zone Cases.

117-35-BZ.

APPLICANT—William J. Wilson, for Rose Bozzi, owner.
PREMISES—122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Queens.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

228-35-BZ.

APPLICANT—Alfred H. Eccles, for Charles H. Ely, owner.

PREMISES—7613-15 Northern boulevard, north side, 50 feet west of 77th street (Block No. 1172, Lot No. 45), Jackson Heights, Queens.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

328-34-BZ.

APPLICANT—Henry Nordheim and Saul S. Meyers, for Max Mirowitz, owner.

PREMISES—1449 Vyse avenue, west side, 100 feet south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened May 28, 1935),
TO PERMIT in a residence district the change of occupancy, of an existing building to a garage for more than five (5) motor vehicles.

499-31-BZ.

APPLICANT—Austin W. Magee, for Ernest Reiss, owner.
PREMISES—262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Queens.

APPLICATION, under section 7f of the building zone resolution (reopened April 30, 1935),
TO PERMIT in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period).

CALENDAR

84-35-BZ.

APPLICANT—Samuels & Samuels, for Dickel Construction Co., owner.

PREMISES—7704-7712 Jamaica avenue, southside 20.03 feet east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

4-34-BZ.

APPLICANT—Samuel Rosenblum, and Earl I. Gallant, for Josephine J. Schnurmacher, owner.

PREMISES—4025-4029 White Plains avenue, west side, 168.51 feet south of East 228th street (Block No. 4829, Lot No. 11), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 25, 1935),

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn).

127-35-BZ.

APPLICANT—Jacob J. Wollman and Casper P. Colla, for Joseph Angelone, owner.

PREMISES—115-117 Truxton street, north side, 220 feet west of Sackman street (Block No. 1544, Lot No. 45), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the use of a plot of ground as a junk shop.

168-35-BZ.

APPLICANT—Henry Lichtig, for Spoolan Realty Corp., owner.

PREMISES—841-847 East 149th street, northeast corner of Union avenue (Block No. 2674, Lot Nos. 17, 18, 19 and 20), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of an existing building from stores to a motor vehicle repair shop.

194-35-BZ.

APPLICANT—William J. Carey, for William J. and May E. Carey, owners.

PREMISES—136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot No. 26), Rosedale, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT—in a business district the erection and maintenance of a gasoline service station.

OCTOBER 8, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 8, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a

business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935 to change the application to permit an apartment house with stores on 1st story; premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, OCTOBER 14, 1935, AT 2 P. M.

Building Zone Cases.

96-35-BZ.

APPLICANT—Matthew W. DelGaudio, for Elmcroft Corp., owner.

PREMISES—1301-1319 Castle Hill avenue and 2171-2181 Westchester avenue, northwest corner (Block No. 3935, Lot No. 1), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

169-20-BZ.

APPLICANT—William F. Regan, for Karl C. Hermon, owner.

PREMISES—1617-1627 Neptune avenue and 3127-3131 Cropsey avenue, northeast corner (Block No. 6995, Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened June 25, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station (in lieu of a garage for more than five (5) motor vehicles previously granted by the board).

594-29-BZ.

APPLICANT—Benjamin Millstein, for Morey Motors, Inc., owner.

PREMISES—5812-22 Bay parkway, and 2177-83 59th street, northwest corner (Block No. 5508, Lot No. 44), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened February 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously denied by the board; reopened under new facts).

198-35-BZ.

APPLICANT—Abraham Farber, for Lena Cohen and Aaron Cohen, owners.

PREMISES—1314 41st street, south side, 85 feet east of 13th avenue (Block No. 5594, Lot No. 10), Brooklyn.

APPLICATION, under sections 7b and 7c of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the alteration and change of occupancy of part of an existing building to a business use (store).

203-35-BZ.

APPLICANT—Samuels & Samuels, for Charles Kuegerl, owner.

PREMISES—Southeast corner of Hillside avenue and 260th street (Block No. 4536, Lot No. 30), Queens Village, Queens.

CALENDAR

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

112-35-BZ.

APPLICANT—Philip Wolfson, for Giuseppa Genco, owner.

PREMISES—115-60 Merrick road, 172-01 116th avenue and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop.

145-35-BZ.

APPLICANT—Lama & Proskauer, for Charles Ginsberg and Max Chesnoff, owners.

PREMISES—105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

212-35-BZ.

APPLICANT—Thomas W. Lamb, for Edwin J. Long, owner.

PREMISES—6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

218-35-BZ.

APPLICANT—William Shary, for G. & D. Realty Corp., owner.

PREMISES—2368-2372 Jerome avenue and 2-6 East 184th street, southeast corner (Block No. 3187, Lot No. 25), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of an existing business building so as to include a gasoline service station.

OCTOBER 22, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 22, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 58-24-BZ—Application of Alfred H. Eccles, on behalf of Queensboro Improvement Company, owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline, so as to include a gasoline service station (in connection with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ); premises 76-19 Northern boulevard (Jackson avenue), northwest corner of 77th street (20th street); (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, SEPTEMBER 17, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, September 10, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, September 10, 1935, were approved as printed in Bulletin No. 38, Vol. XX.

BUILDING ZONE CASES

66-28-BZ.

APPLICANT—Adolph Goldberg, for Louisa Heintz and Frieda Heintz, owners.

SUBJECT—Application reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re Application (decision of the superintendent of buildings) granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

APPEARANCES—

For Applicant: Adolph Goldberg.

For Opposition: None.

ACTION OF BOARD—Laid over to September 24, 1935, at 2 p. m., for report of committee on inspection. No further argument.

533-28-BZ.

APPLICANT—Eugene De Rosa, for 2291 Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7c and 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a business building (theatre, stores and restaurant); (reopened May 21, 1935).

PREMISES AFFECTED—2255-2291 Grand Concourse, west side, 93 feet south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

MINUTES

APPEARANCES—

For Applicant: Sidney R. Diamond.
For Opposition: William J. Molleneri, Norman Lipkind and others.

ACTION OF BOARD—Laid over to October 8, 1935, at 10 a. m., applicant to file plans of new proposition and new determination from commissioner of buildings and notify affected property owners.

124-35-BZ.

APPLICANT—Samuels and Samuels, for Carl P. Gronbeck, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens.

APPEARANCES—

For Applicant: Archie Samuels.
For Opposition: Edward J. Boylan, Leonard Engelhardt, Patrick F. Kelly, William Hentscher, Mary Nicholas, Michael V. Alsheimer and Morris Permut.

ACTION OF BOARD—Laid over to September 24, 1935, at 2 p. m., for report of committee on inspection. No further argument.

81-35-BZ.

APPLICANT—R. T. Schaefer, for Jesse Abrams, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7g and 21 of the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station.

PREMISES AFFECTED—2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: William R. Barbour, Jesse Abrams and R. T. Schaefer.
For Opposition: I. Joseph Rose, J. F. Kelly, Harry Dunckley, Mrs. Wade, Herman Engelke, Mrs. Pearson, Clara Johnson, Mrs. E. W. Samuel and H. E. Gest.

ACTION OF BOARD—Laid over to September 24, 1935, at 2 p. m., for report of committee on inspection. No further argument.

142-35-BZ.

APPLICANT—Edwin C. Georgi, for Riverside Crematory, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district).

PREMISES AFFECTED—1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), The Bronx.

APPEARANCES—

For Applicant: Leon A. Rains.
For Opposition: Frank E. Lammers, Richard M. Monfried, L. C. Squire, department of parks, A. Z. Cohen, Mr. Tozzi, Charles Horgan, Alexander Sussman, George Casozza, William B. Hogan.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(142-35-BZ)

WHEREAS, Edwin C. Georgi, for Riverside Crematory, Inc., owner, filed, June 4, 1935, an application under the building zone resolution to permit in a residence district the construction and maintenance of an entrance and exit to a crematory (which is located in an unrestricted district); premises: 1510 Commerce avenue, east side, 100 feet north of New York City property and 1511 Sedgwick avenue (Block No. 2882, part of Lot No. 9), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, September 17, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Sedgwick avenue is in a residence district; Commerce avenue is in an unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 28, 1935, App. No. 180-1935, reads:

"1. Erection of building and maintenance of premises of plot partly in unrestricted district and partly in residence district to be used as crematory and accessory uses is contrary to provisions of building zone resolution."

and

WHEREAS, the premises in question consist of a plot of ground having a frontage of 70.8 feet on Commerce avenue, 100 feet on Sedgwick avenue and a depth of 192 feet (maximum). The westerly (100 feet) portion of the plot is in the unrestricted district and the remainder is in the residence district. It is proposed to erect upon the unrestricted part of the plot a 3-story non-fireproof structure, 70 feet by 100 feet in area to be used as a crematory and chapel—upon the residence use portion of the plot it is proposed to maintain a driveway and walks leading to the building from Sedgwick avenue; and

WHEREAS, the premises in question was the subject of an inspection by a committee of the board prior to this hearing; and

WHEREAS, the board deems that the applicant has not substantiated his basis of appeal, section 21 of the building zone resolution and that there has been no hardship shown and there is no justification for using the residential portion of the property in connection with this building.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

Adjourned, 1:00 p. m.

EDWARD V. BARTON, Chief Clerk.

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan at three cents each—postage to be added if the forms are forwarded by mail.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, SEPTEMBER 17, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

1-27-BZ.

APPLICANT—Edwin H. Snackenberg, for Intershire Investors, Inc., owner.

SUBJECT—Application for reopening—consideration under section 21 of the building zone resolution—re Application (decision of the commissioner of buildings) to permit in a business district the maintenance of gasoline service station previously granted by the board under section 7f, for a temporary period.

PREMISES AFFECTED—1124 Gun Hill road, southwest corner Boston road (Block No. 4615, Lot No. 46), The Bronx.

APPEARANCES—

For Applicant: Edwin H. Snackenberg.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

175-17-BZ.

APPLICANT—Fertig, Walter and Gottesman, for 355 West 16th Street Garage Corporation, lessees.

SUBJECT—Application for reopening—amendment to permit in a business district an additional entrance to an existing garage for more than five (5) motor vehicles, permission to erect this garage was previously granted by the board.

PREMISES AFFECTED—355 West 16th street and 354-360 West 17th street (Block No. 740, Lot No. 7), Manhattan.

APPEARANCES—

For Applicant: Samuel Gottesman.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

577-19-BZ.

APPLICANT—Emil Navone, owner.

SUBJECT—Application for reopening — consideration under new proposition to permit the inclusion of an alcove gasoline service station—re Application, granted permitting in a business district the maintenance of a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—179-183 West Houston street and 231-235 Sixth avenue, southwest corner (Block No. 520, Lot No. 33), Manhattan.

APPEARANCES—

For Applicant: Joseph B. Lynch.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

58-24-BZ.

APPLICANT—Alfred H. Eccles, for Queensboro Improvement Company, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline, so as to include a gasoline service station (in connection with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ).

PREMISES AFFECTED—76-19 Northern boulevard (Jackson avenue), northwest corner of 77th street (20th street); (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens.

APPEARANCES—

For Applicant: Alfred H. Eccles.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing, October 22, 1935, 10 a. m. Applicant to notify affected property owners by ordinary mail on or before October 10, 1935.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

1109-27-BZ.

APPLICANT—Michael Levine for Fort Greene Associates, Inc., owner.

SUBJECT—Application for reopening—consideration under new facts—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—106-21 Woodhaven (Cross Bay) boulevard, east side Woodhaven boulevard, 365.61 feet north of 108th avenue (Block No. 430, Lot No. part of 45), Borough of Queens.

APPEARANCES—

For Applicant: Michael Levine.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

362-34-BZ.

APPLICANT—Mr. Abraham N. Horwitz for 1230 Jerome Avenue Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles (reopened April 30, 1935).

PREMISES AFFECTED—1230-1234 Jerome avenue, east side, 165 ft. 6 in north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

APPEARANCES—

For Applicant: Abraham N. Horwitz.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

MINUTES

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(362-34-BZ)

WHEREAS, Abraham N. Horwitz, for 1230 Jerome Ave. Corp., owner, filed, December 26, 1934, an application under the building zone resolution to permit in a business district the alteration, extension in height and change in occupancy of an existing building occupied as stores, auto laundry, lubricating and greasing service to a garage for more than five (5) motor vehicles; premises 1227-1229 River avenue and 1230 Jerome avenue, east side, 165 ft. 6 in. north of East 167th street (Block No. 2489, Lot No. 8), Borough of The Bronx; and

WHEREAS, this application was denied by the board at its meeting April 2, 1935; and

WHEREAS, the applicant requested a reopening of the case to permit the change of occupancy of the existing building to a garage for more than five (5) motor vehicles without increase in height or area; and

WHEREAS, this application was reopened by vote of the board April 30, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, September 17, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jerome avenue is in a business and residence district; River avenue is in a business district; East 167th street is in a business district and E 168th street is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered April 18, 1935, reads:

"Your request of April 16, 1935, for a certificate of occupancy for the one-story brick building owned by the 1230 Jerome Avenue Corporation and located at 1230-34 Jerome avenue, east side, 165 ft. 6 in. north of 167th street in the Borough of The Bronx, for a garage for the storage of more than five motor vehicles, is hereby denied, as the premises are located within a business district in which proposed occupancy is prohibited by the provisions of the building zone resolution.";

and

WHEREAS, the building is of non-fireproof construction, one story in height, with a frontage of 82 ft. 9 in. and a depth of 151 ft. 5 in., to be occupied as a garage for more than five motor vehicles; and

WHEREAS, the premises in question were the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE.

September 13, 1935.

Cal. No. 362-34-BZ.

Premises: 1230-34 Jerome avenue, east side, 165 ft. 6 in. north of East 167th street (Block No. 2489, Lot No. 8), The Bronx.

This building has been used primarily for car washing and for the storage of not over five (5) cars, permitted in a business use district. Car washing has been greatly lessened and the owners have taken to polishing and brake-testing to endeavor to make the premises profitable. It is now desired also to increase the number of cars to be stored to more than five (5) cars.

The committee recognizes that there is a temporary hardship. With the present uses continued, ten or twelve cars could be stored and the committee recommends that the appeal be granted for a period of two

(2) years to store not over fifteen (15) cars and also to permit the continuation of the two brake-testing machines but no general repairing work other than involved in the testing of brakes and the adjustment thereof as may be necessary.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the granting of this application for a temporary period and the board deemed that the applicant had substantiated the existence of a temporary hardship and was entitled to temporary relief under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 for a period of two years, permitting the existing building to be used as a storage garage for not over fifteen (15) motor vehicles and permitting the two brake-testing machines now installed to be continued, *on condition* that no motor vehicle repairing shall be carried on other than that involved in the testing and adjusting of brakes; and, *granted* only as long as these conditions are maintained.

101-32-BZ.

APPLICANT—Joseph Schafran, for Thema Rosen, owner.
SUBJECT—Application (re decision of the commissioner

of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously denied the maintenance of an open air parking space for more than five (5) motor vehicles, but granted the installation of two pumps and gasoline tanks, on condition that the sale of gasoline be exclusively to tenants of the existing individual garages (reopened March 26, 1935).

PREMISES AFFECTED—2871 Bailey avenue, west side, 182.28 feet south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

APPEARANCES—

For Applicant: Samuel Greenbaum.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(101-32-BZ)

WHEREAS, Joseph Schafran, for Thema Rosen, owner, reopened March 26, 1935, an application under the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground which the board previously denied the maintenance of an open-air parking space for more than five (5) motor vehicles, but granted the installation of two pumps and gasoline tanks, on condition that the sale of gasoline be exclusively to tenants of the existing individual garages; premises: 2871 Bailey avenue, west side, 182.28 ft. south of West 230th street (Block No. 3264, Lot No. 70), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, September 17, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

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WHEREAS, the use district maps accompanying the building zone resolution show that Bailey avenue is in a business and residence district; Exterior street is in an unrestricted district; West 230th street is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 28, 1935, re N. B. App. No. 113-1935, reads:

"1. Erection of buildings and maintenance of premises in business district to be occupied as gasoline service station and repair shop for motor vehicles (brake servicing and grease pits) is contrary to the provisions of building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 208 ft. and a maximum depth of 206 ft.; upon the south portion of the plot there are located 50 individual garages; it is proposed to erect on the north portion of the plot a one-story structure, 53 ft. by 25 ft. in area, to be used as office, motor vehicle repair shop (brake servicing) and grease pits, and, also, proposes to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, it appears that under Cal. No. 45-28-BZ, a previous application for a variation of the building zone resolution on these premises to permit the erection of a garage for more than five motor vehicles was granted by the board but no work was done and this application expired by time limitation; and

WHEREAS, on June 17, 1932, the board granted a variation permitting on the southerly 112 ft. of the plot in question the erection of 62 individual garages of masonry construction and denying the erection and maintenance of a gasoline service station; plans for the individual garages were approved by the board; subsequently, September 23, 1932, the board permitted the erection of two more individual garages and two grease pits. On January 23, 1934, the board denied the proposed use of the remainder of the plot for the open-air parking of cars and granted the erection of two pumps and two tanks for the sale of gasoline exclusively to the tenants of the garages. These pumps and tanks were not installed and time limitations for erection has expired. On March 5, 1935, the board reopened the application for the consideration of the maintenance of an open-air parking space for more than five cars and the installation of two (2) gasoline tanks and pumps as accessory to the parking space and individual garages (which garages were previously granted by the board). On March 26, 1935, the previous action of reopening without Calendar Call waived and case restored to calendar subject to usual procedure; and

WHEREAS, this application was the subject of an inspection by a committee of the board, report of which inspection was read at the hearing and which report follows:

REPORT OF COMMITTEE.

Cal. No. 101-32-BZ.

Premises—2871 Bailey avenue (Block No. 3264, Lot No. 70), The Bronx.

This application is for a modification of the previous action of the board to permit the construction of a public gasoline service station, including the erection of gasoline pumps near the building line, greasing racks and a space for testing and relining brakes. It is proposed to install this gasoline station on the northerly portion of the plot, on the southerly portion of which the board had previously permitted the erection of fifty (50) individual garages, which were duly constructed, and later the installation of one gasoline pump at the rear for the accommodation of the users of these individual garages, but not for general public sale.

The northerly end of this plot has recently been graded and fenced and has been used and is now being used for an open garage for the storage and parking of cars. It is assumed by the owner that this parking

and storage is permissible, although specifically denied in the action of the board under date of January 23, 1934.

In the opinion of the committee, there is no hardship existing which has not already been recognized adequately in the previous action of the board in granting the fifty individual garages and gasoline pump at the rear. While it might not be the desire of this owner to develop this property with a conforming use, the committee is by no means convinced, in spite of the plot adjoining the New York and Putnam Railroad and the former existence of the creek now filled, that the property cannot be used for an apartment house. While certain non-conforming uses have been permitted by the board south of this property, the committee is of the opinion that the line has been established with the construction of the garages and this is as far as the non-conforming uses should be permitted, unless it might be for the legalization of the existing storage and parking under section 7-H of the zoning resolution, even though in the previous report of the committee of January 18, 1934, it was recommended that parking should not be permitted. The committee at that time, however, gave more consideration to recommending the denial of the gasoline station which is now being sought than to the matter of parking, inasmuch as at that time the status of parking under the zoning law was not settled. Since the decision by the Court of Appeals in the case of Monument Garage vs. Levy and particularly since the adoption by the Board of Estimate and Apportionment of paragraph 7-H of the zoning resolution, this matter of parking is now clarified.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application and the board deemed that applicant had failed to establish the basis of his application under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

105-35-BZ.

APPLICANT—William A. Kaufman, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7b of the building zone resolution, to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot.

PREMISES AFFECTED—50-68 West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), The Bronx.

APPEARANCES—

For Applicant: E. R. Treeger.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney

Negative 4
Absent 0

THE RESOLUTION—

(105-35-BZ)

WHEREAS, William A. Kaufman, owner, filed, April 22, 1935, an application under the building zone resolution to permit the maintenance of a rear yard located in a residence district as an exit and entrance to a business building located on the business portion of the plot; premises: 50-68

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West Fordham road and 2413-2425 Grand avenue, southwest corner (Block No. 3212, Lot No. 72), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, September 17, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that West Fordham road is in a business district; Grand avenue is in a residence and business district and University avenue is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 4, 1935, reads:

"Your letter of June 4, 1935, received in reference to the appeal pending in the Board of Standards and Appeals, Cal. No. 105-35-BZ, Zoning Violation No. 21 of 1935.

"Your application on behalf of William A. Kaufman, of 215 West 98th street, Manhattan, for a permit to use a portion of the vacant land adjoining the premises on the southwest corner of Fordham road and Grand avenue, Bronx Borough, located in a residence district for business purposes is hereby denied as a portion of the land cited in your letter is located in a residence district as established by the building zone resolution in which the use of said land for business purposes is prohibited."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 120.6 feet on West Fordham road and 138.6 feet on Grand avenue. The north portion of the plot is in the business district and upon this (business) portion of the plot there is located a non-fireproof structure, one story and (on the south end) two stories in height; occupied on the Fordham road and Grand avenue fronts as stores; the southwesterly rear portion being occupied as a bakery (at grade level and above the bakery as a (proposed) business use. The open portion of the plot is in the residence district and is (now) used as an exit from the bakery, the loft above the bakery and also, the restaurant facing on Fordham road; and

WHEREAS, this application was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE.

September 13, 1935.

Cal. No. 105-35-BZ.

Premises—50-68 West Fordham road and 2413-35 Grand avenue, southwest corner (Block No. 3212, Lot No. 72, The Bronx.

This plot is located in a business use area, except for a triangular portion at the rear now being used as a rear yard and service alley which portion is in the residential use area.

No part of the building encroaches on the residential portion, except an exterior iron stairway from the two-story portion of the building.

The neighborhood objection appears to be mainly against the existing bakery and the use it makes of this yard for delivery to Grand avenue. The objection comes also because of a restaurant tenant who uses the space for delivery and collection of garbage. The multiple dwelling next adjoining is affected the most, due largely to some thirty windows on a narrow court which runs parallel to this yard with no intervening wall or fence. It is also apparent that because of no adequate fencing at the street line, this space is used as a gathering place for children, which adds to the confusion.

This matter has been in court and the owner has apparently tried to minimize the objections but, in the

opinion of the committee, more should be done to correct conditions. In the committee's opinion this appeal should be granted under section 7-b. This matter should have been brought to the board when the building was erected in 1922. The use of this yard has apparently been about the same since 1922.

A brick wall and solid door should be erected on the street building line for the full width of the yard. A brick wall should be built on the southerly interior lot line along the open court of the adjoining dwelling. The second story now vacant, should be used for conforming use only, with entrance thereto from Fordham road permitting the steel open stairway exiting into the yard to be used as a secondary means of exit only. The curb cut should be eliminated and the full curb restored.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended that the application be granted under section 7-B of the building zone resolution with such safeguards as would protect affected adjacent property owners; and

WHEREAS, the board deemed that the applicant had substantiated the basis of his application under section 7, subdiv. B.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 7-B of the building zone resolution, permitting the open space at the rear to be used as a means of exit for the buildings erected on the balance of the plot zoned for business use, *on condition* that there shall be erected on the building line of Grand avenue for the full width of this open space, approximately 25 feet, a brick wall not less than 8 feet in height and not less than 8 in. in thickness; that this wall shall be suitably coped and shall have not over one gate therein not over 4 feet in width with a solid, heavy wood or iron door, which shall be kept closed at all times except when used for egress or when material is being taken in or out; that there shall also be erected on the interior lot line against the adjoining properties to the south, a wall not less than 6 feet in height and not less than 8 inches in thickness, suitably coped, extending continuously from Grand avenue to the Aqueduct at the west, except where there already exists on the building line an unpunctured wall of adjoining building; that this open space shall be cement-paved and kept clear of rubbish at all times; that no part of this open space shall be built upon except that the existing steel stairway serving as an exit from the second story over bakery may remain, provided the space over bakery is used only for a conforming use, having its main exit through from Fordham road, and that this steel stairway to the east shall be used as a second means of exit only; that the existing curb cut on Grand avenue opposite this open space shall be removed and the curb of the full legal height restored; that all work involved under this resolution shall be completed within three months from the date of this resolution.

332-34-BZ.

APPLICANT—Joseph V. O'Leary, for Spes Realty Corporation, owner.

SUBJECT—Application for reopening—extension of time—Application (re decision of commissioner of buildings under sections 7b, 7c and 21 of the building zone resolution, to permit partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station.

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PREMISES AFFECTED—1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot 42), Manhattan.

APPEARANCES—

For Applicant: Joseph V. O'Leary.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(332-34-BZ)

WHEREAS, this application affecting premises 1108-1112 First avenue, southeast corner of East 61st street (Block No. 1455, Lot Nos. 46, 48 and west part of Lot No. 42), Borough of Manhattan, was granted by the board February 19, 1935, on certain conditions and applicant requests an extension of time.

Resolved, that the resolution adopted by the board on February 19, 1935, be and it hereby is *amended*, only insofar as it refers to the approval of plans and completion of the work, so that as amended this portion of the resolution will read:

"that all plans shall be filed within six months and all work completed within one year from the date of this amended resolution; that other than as amended herein, the resolution adopted by the board on February 19, 1935, shall be complied with in all respects."

326-34-BZ.

APPLICANT—Lama & Proskauer, for Engelbert Bick, owner.

SUBJECT—Application for reopening—extension of time re Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution to permit in a business district the erection and maintenance of a motor vehicle repair shop and also a gasoline service station.

PREMISES AFFECTED—789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Frederick Weinbrod.

ACTION OF BOARD—Application reopened and time extended to obtain permits.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(326-34-BZ)

WHEREAS, this application affecting premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Borough of Brooklyn, was granted by the board February 19, 1935, on certain conditions and owner requests an extension of time.

Resolved, that the resolution adopted by the board on February 19, 1935, be and it hereby is *amended*, only so far as it has reference to the obtaining of permits and completion of work, so that as amended this portion of the resolution will read:

"that all permits shall be obtained within three months and all work completed within six months from the date of this amended resolution; that other than as amended herein, the resolution adopted by the board on February 19, 1935, shall be complied with in all respects."

528-28-BZ.

APPLICANT—Albert M. Yuzzolino, for Sarah A. Sweedler, owner.

SUBJECT—Application for reopening—extension of time—re Application (re decision of the superintendent of buildings under sections 7c and 21 of the building zone resolution, to permit in a business district extending from an unrestricted district, the erection and maintenance of a garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—442-452 89th street and 8902 Fifth avenue (Block No. 6066, Lot No. 26), Brooklyn.

APPEARANCES—

For Applicant: Albert M. Yuzzolino.

ACTION OF BOARD—Application reopened—time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(528-28-BZ)

WHEREAS, this application, affecting premises 442-452 89th street and 8902 Fifth avenue (Block No. 6066, Lot No. 26), Borough of Brooklyn, was granted by the board at its meeting December 14, 1928, on certain conditions, and extensions of time granted, the last extension being to August 23, 1935, and applicant requests a further extension of time.

Resolved, that the resolution adopted by the board on December 14, 1928, be and it hereby is *amended*, only so far as it refers to the obtaining of permits and completion of work, so that as amended this portion of the resolution will read:

"that all plans shall be filed within six months and all work completed within one year from the date of this amended action, *on condition* that other than as amended herein, the resolution adopted by the board on December 14, 1928, and as subsequently amended shall be complied with in all respects."

264-34-BZ.

APPLICANT—William C. Goodson, for Bartholdi Turecamo, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line.

PREMISES AFFECTED—8412 Ridge boulevard (Block No. 6023, Lot No. 39), Brooklyn.

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APPEARANCES—

For Applicant: William T. Goodson.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(264-34-BZ)

WHEREAS, William C. Goodson, for Bartholdi Turecamo, owner, filed September 12, 1934, an application under the building zone resolution to permit in a residence use and "F" area district the erection and maintenance of a private garage within fifteen (15) feet of the building line; premises: 8412 Ridge boulevard (Block No. 6023, Lot No. 39), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, February 5, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Ridge boulevard is in a residence use and "F" area district; 84th street is in a residence use and "E" area; and 85th street is in a residence use and "E" area district; and

WHEREAS, the decision of the commissioner of buildings, rendered August 24, 1934, re App. No. 10600-1934, reads:

"Proposed garage to be built within the 15 ft. restricted building line in an 'F' district (residence) contrary to zone resolution, art. 4, sec. 16.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 50 ft. and a depth of 100 ft. On the central portion of the plot there is located a two-story frame and brick dwelling, 26 ft. by 35 ft. in area. On the northeast front of the plot there was a garage, 12 ft. by 20 ft. in area, which is partly demolished. It is proposed to erect on the southeast front of the plot a garage, 12 ft. by 20 ft. in area. Said garage is to be located within 15 ft. of the building line; and

WHEREAS, the applicant contends that there existed a private garage erected on the building line to the north of the building to which the garage was accessory; that this garage has been demolished and that the proposed garage which is to the south of the building to which it is accessory is to replace this demolished garage and that there would be unnecessary hardship in compelling him to comply with the setback requirement of the "F" area district; and

WHEREAS, this site and surrounding section were inspected by a committee of the board on January 3, 1935, and it was the opinion of the committee that it was unfortunate that the owner desired to place this garage in the location requested because of appearance of the entire block front and also because of the presence of a large tree which would have to be removed to make possible an entrance to proposed garage; however, the committee was of the opinion that inasmuch as the owner has a right under the law to erect a garage at this point, provided he complies with the requirements for an "F" area district, the board might consider making a variation so that there be compliance with requirements of an "E" area district, which permit the garage to be constructed provided it is not nearer than 10 ft. to the street building line; and

WHEREAS, this application was granted by the board, February 5, 1935, on certain conditions, and applicant re-

quested a reopening of the case and an amendment as to the distance back of the building line required; and

WHEREAS, this application was reopened by vote of the board.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the area district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21 permitting the proposed private, one-car garage, to be constructed at the general location indicated on plans filed with this application, *on condition* that no part of garage shall be nearer than 8 ft. to the street building line; that other than as varied herein all requirements of the zoning law and other laws and regulations relative thereto shall be complied with.

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

SUBJECT—Application for extension of time to complete work—re Application (re decision of the commissioner of buildings) under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

PREMISES AFFECTED—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPEARANCES—

For Applicant: Max Siegel.

ACTION OF BOARD—Time extended to complete work.

THE VOTE TO EXTEND TIME TO COMPLETE WORK—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief Kid-

ney 4

Negative 0

Absent 0

THE RESOLUTION—

(477-28-BZ)

WHEREAS, this application affecting premises southwest corner of Burnside avenue and Grand Concourse (Block No. 2808, Lot No. 82), Borough of The Bronx, was granted by the board at its meeting February 5, 1929, and time extended from time to time, and applicant requested a further extension of time to complete work.

Resolved, that in view of the statement of the applicant that all plans have been obtained and work partly completed, the resolution adopted by the board on February 5, 1929, be and it hereby is *amended*, only so far as it refers to the time for completing work, so that as amended that portion of the resolution will read:

"That all permits required shall be obtained within nine months and all work involved shall be completed within one year from the date of this amended resolution."

APPEALS FROM ADMINISTRATIVE ORDERS.

200-35-A.

APPELLANT—Vincent J. Hand, for Hand and O'Leary, lessees.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal laid over to September 24, 1935, at 2 p. m., on request of applicant.

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201-35-A.

APPELLANT—Eadie, Nunley and Eadie, for Mary Picerno, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Borough of Richmond.

APPEARANCES—

For Appellant: B. G. Eadie.

For Administration: None.

ACTION OF BOARD—Appeal placed on reserve calendar pending court action on writ of mandamus.

202-35-A.

APPELLANT—The Salvation Army, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

APPEARANCES—

For Appellant: Thomas B. Dickinson.

For Administration: None.

ACTION OF BOARD—Appeal laid over to September 24, 1935, at 2 p. m., on request of applicant's representative.

210-35-A.

APPELLANT—Modell's Sporting Goods Co., lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—243 West 42nd street (Block No. 1014, Lot No. 12), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Appeal laid over to September 24, 1935, at 2 p. m., on written request of appellant.

211-35-A.

APPELLANT—Geo. E. Strehan, for William Lescaze, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Appeal laid over to October 1, 1935, at 2 p. m., on written request of appellant.

199-35-A.

APPELLANT—Charles F. Oestereich, for Frank G. Shattuck Company, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—220 West 57th street (Block No. 1028, Lot No. 42), Manhattan.

APPEARANCES—

For Appellant: Charles F. Oestereich, W. H. Allisson.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Absent: Assistant Chief Kidney	1
Negative	0

THE RESOLUTION—

(199-35-A)

WHEREAS, Charles F. Oestereich, for Frank G. Shattuck Company, filed, July 17, 1935, an appeal from an order and a decision of the fire commissioner, affecting premises 220

West 57th street (Block No. 1028, Lot No. 42), Borough of Manhattan; and

WHEREAS, the order of the fire commissioner, dated May 24, 1935, Order No. 6216-LC, reads:

"Before a permit may be issued for your refrigerating plant, the following must be done:

"1. Discontinue direct expansion for air conditioning purposes.

"It is unlawful to maintain a refrigerating plant without a permit. Please notify this department promptly when this order has been complied with.";

and

WHEREAS, the decision of the fire commissioner, dated June 26, 1935, reads:

"Replying to your favor of June 10, 1935, regarding order numbered 6216-LC, issued against the air conditioning system installed at your premises 220 West 57th street, Manhattan, we desire to inform you that the direct method of refrigerating system used for air conditioning is subject to the same restrictions as the direct method of refrigeration, covered by section 219-B, chapter 10 of the Code of Ordinances.

"We would, therefore, suggest that the order be either complied with or advantage taken of your right to appeal from the fire chief and commissioner's decision, by appealing to the Board of Standards and Appeals, Room 1002, Municipal Building, Manhattan.";

and

WHEREAS, that the building is fireproof, 4 stories in height, 25 feet by 116 feet in area, OCCUPIED: cellar, storage and kitchen, 40 persons; 1st story, tea room, 236 persons; 2nd story, tea room, 406 persons; 3rd and 4th story, non-housekeeping premises; Certificate of Occupancy 15075, issued March 16, 1929; and

WHEREAS, the appellant contends that the entire refrigerating system is installed in the pent house on the roof of the rear extension which extension is equipped with a separate fan, a 60-inch fan with a capacity of 11,800 cubic feet per minute, and supplies air to the first floor, candy store, approximately 52,840 cubic feet; that the air going from this fan is refrigerated by three 10 H.P. direct expansion refrigerating systems, each containing a charge of 17 pounds of methyl chloride; all the air supplied to this fan is fresh air taken from the exterior of the building; that a separate 80-inch fan with a capacity of 16,700 cubic feet per minute supplies the conditional air to the second floor tea room, a space of approximately 74,708 cubic feet; that the air from this fan is refrigerated at two 15 and two 10 H.P. direct expansion refrigerating systems which contain a charge of 17 pounds of methyl chloride; this also is fresh air taken from the exterior of the building; and

WHEREAS, the appellant claims that there is no violation of chapter 219-B of the Code of Ordinance, inasmuch as the entire system is on one floor, that floor being a pent house on the roof of the 2nd floor extension and that there is no hazard.

Resolved, that the order No. 6216-LC, and decision of the fire commissioner be and they hereby are *modified* and that the appeal be and it hereby is *granted* permitting the use of the equipment for air-conditioning as installed, *on condition* that the equipment shall be installed and arranged as indicated on plans filed with this appeal and in accordance with the statement filed; that no one of the C-systems shall at any time have a quantity greater than 17 pounds of methyl chloride; that the system shall at all times be under the supervision of an operator holding a certificate of qualification and that the refrigerant coils shall be kept in proper condition at all times; that there shall be a switch control in the basement and also refrigerating room, so that the system can be immediately shut off in case of leakage; and, *granted* only so long as this building is occupied for the sole use of the Frank G. Shattuck Company and is not increased in height of area.

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209-35-A.

APPELLANT—Joel D. Marder, for New York Hospital, owner.

SUBJECT—Appeal from an order of the fire commissioner.
PREMISES AFFECTED—520 East 70th street (Block Nos. 1480, 1481 and 1482), Manhattan.

APPEARANCES—

For Appellant: Joel D. Marder.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(209-35-A)

WHEREAS, Joel D. Marder, for New York Hospital, owner, filed, August 2, 1935, an appeal from an order of the fire commissioner affecting premises 520 East 70th street (Block No. 1480, 1481, 1482), Manhattan; and

WHEREAS, the decision and order of the fire commissioner, dated July 29, 1935, Order No. 6436-LC reads:

"Your favor of July 11, 1935, regarding order numbered 6436-LC has been received.

"As the fire chief and commissioner will no longer modify or rescind an order, we would, therefore, suggest that you, acting as architect for the New York Hospital, 520 East 70th street, Manhattan, take advantage of their right to appeal from the fire chief and commissioner's decision by appealing to the Board of Standards and Appeals, Room 1002, Municipal Building, Manhattan.

"We note that the time limit in which to file the appeal has expired. We have been advised that the Board of Standards and Appeals will accept a letter from this department as the basis for an appeal and this letter is forwarded and will certify that order numbered 6436-LC was issued against the storage of liquefied chlorine, benzine and alcohol on June 21, 1935, maintained by the New York Hospital, 520 East 70th street, Manhattan, and read as follows:

"Discontinue the storage and use of liquefied chlorine, benzine and alcohol from these premises in violation of the provisions of the Code of Ordinances.

Re: Chlorine—

Section 214-A—4-F, Ch. 10—Hospital.

Section 214-A—4-C, Ch. 10—Below grade level.

Section 214-A—4-C, Ch. 10—Not easily accessible and not sprinklered.

Re: Alcohol—

Section 251-A—Ch. 10—Hospital.

Section 251-C—Ch. 10—Not sprinklered.

Re: Benzine—

Section 112-2-A, Ch. 10—Hospital (dwelling).

"The sections quoted prohibit the storage mentioned for the reason shown alongside each subdivision of section quoted.";

and

WHEREAS, the premises consist of several irregular fireproof buildings, one to 26 stories in height, erected on three city blocks; OCCUPIED as a hospital and medical college, located within an unrestricted district; and

WHEREAS, the applicant claims the buildings were erected in 1929 to 1932 at which time an underground fireproof vault for the storage of chemicals was constructed and approved, the vault is separated from the main building by a tunnel with openings to outer air and through an areaway before entering the building as shown on plans filed in Blocks 1480-1481; it is proposed to store ten barrels containing fifty (50) gallons of alcohol in each barrel and one drum containing fifty-five (55) gallons of benzine in the

approved storage vault; bulk materials are never taken from the vault but are drawn in small containers and dispensed in bottles; it is also proposed to store a ten (10) pound drum of liquefied chlorine in an underground concrete vault located in the vacant space on the east side of dynamo room in Block 1482 as shown on plans filed, such vault will be more than 100 feet from any building used for hospital purposes, 5 feet by 5 feet by 6 feet 6 inches in height, buried one-half in the ground and provided with a vent to outer air 8 inches by 8 inches in size.

Resolved, that the decision and order No. 6436-LC of the fire commissioner be and they hereby are *modified* and that the appeal be and it hereby is *granted*, permitting the storage in the underground fireproof vault located and constructed as indicated on plans filed with this appeal of not over ten (10) barrels of alcohol, each barrel containing not over fifty-five (55) gallons and one drum containing not over fifty-five (55) gallons of benzine, *on condition* that the alcohol shall be stored within the separate fireproof compartment, as indicated, separated from the balance of the vault by fireproof, self-closing door and ventilated with a separate duct to the outer air; that these materials shall be used for hospital purposes only and that such quantities of alcohol and benzine as shall be taken from this compartment shall be taken in approved containers, the benzine to be transported in safety cans only; that there shall be installed on the ceiling of this vault a system of sprinkler heads fed from the house water supply; that there may also be stored on the premises one drum of liquefied chlorine containing not more than ten (10) pounds, this drum to be stored at all times in a fireproof compartment constructed where indicated on plans filed with this appeal and to be not less than 5 feet by 6 feet in area; that this drum of liquefied chlorine shall at all times be kept immersed in water; that there shall be installed over this tank a sprinkler head fed from the house water supply and controlled on the outside of the compartment by a shut-off valve; that the door to this storage compartment shall be tight-fitting.

1095-27-A.

APPELLANT—Kohler Company, lessee.

SUBJECT—Application for reopening—extension of permit—re Appeal from decision of the fire commissioner.

PREMISES AFFECTED—705-713 Fifth avenue and 3-5 East 55th street (Block No. 1291, Lot Nos. 1, 2, 3, 4 and 5), Manhattan.

APPEARANCES—

For Appellant: C. C. Childress.

For Administration: None.

ACTION OF BOARD—Appeal reopened and permit extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO EXTEND PERMIT—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(1095-27-A)

WHEREAS, this appeal affecting premises 705-713 Fifth avenue and 3-5 East 55th street (Block No. 1291, Lot Nos. 1, 2, 3, 4 and 5), Borough of Manhattan, was granted by the Board February 28, 1928, time extended June 23, 1931, and January 30, 1934, and appellant requests a further extension of time.

Resolved, that the resolution of the board, adopted on June 23, 1931, be *amended*, only so far as it refers to the

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period for which the modification is granted, so that as amended the last clause of the resolution will read:

"and that this modification shall be granted for a temporary period of two years from July 2, 1935."

70-35-A.

APPELLANT—James Kearney, for Henry G. Opdycke, for Atlantic Mutual Insurance Co., owner.

SUBJECT—Application for reopening—rescindment of resolution re appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—35-41 Exchange place, 37-41 William street and 49-51 Wall street (Block No. 26, Lot Nos. 21 and 24), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Appeal reopened and resolution adopted by board on April 9, 1935, rescinded.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE VOTE TO RESCIND RESOLUTION OF APRIL 9, 1935—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(70-35-A)

WHEREAS, James Kearney, for Henry G. Opdycke, for Atlantic Mutual Insurance Co., owner, filed, March 12, 1935, an appeal from an order and decision of the commissioner of buildings, affecting premises 35-41 Exchange place, 37-41 William street and 49-51 Wall street (Block 26, Lots 21 and 24), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, No. 17273-F, issued November 2, 1934, reads:

"1. Raise the standpipe gravity tank so that the bottom of said tank is not less than 20 ft. above the hose outlet in the highest story.

"Sections 580-1, Chapter 5, code of ordinances and rules of Board of Standards and Appeals.";

and

WHEREAS, the decision rendered by the commissioner of buildings, February 28, 1935, reads:

"Your application for the rescindment of Order No. 17273-F, has been given consideration and it is hereby denied.";

and

WHEREAS, the building is fireproof, 18 stories (242 ft.) in height, 143 ft. 6 in. by 89 ft. 1 in., irregular in depth; OCCUPIED as an office building, about 50 persons per story; located within a business district; and

WHEREAS, this appeal was granted by the board April 9, 1935, on certain conditions and appellant requested a reopening of the case and a rescindment of the resolution on the ground that the owner has found that the existing tank is defective and desires to comply with the order of the commissioner of buildings.

Resolved, that the resolution adopted by the board on April 9, 1935, be and it hereby is rescinded.

88-33-A.

APPELLANT—Eugene H. Carroll, lessee.

SUBJECT—Application for reopening—extension of time—re appeal from a decision of the fire commissioner.

PREMISES AFFECTED—North side of Second avenue, 2311.7 feet north from the corner of 2nd avenue and 36th street (Block No. 662, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: Eugene H. Carroll.

For Administration: None.

ACTION OF BOARD—Appeal reopened and time extended to obtain permits.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(88-33-A)

WHEREAS, this appeal affecting premises north side of 2nd avenue, 2311.7 ft. north from the corner of 2nd avenue and 36th street (Block No. 662, part of Lot No. 1), Borough of Brooklyn, was granted by the board June 6, 1933, on certain conditions, time extended September 19, 1933, May 29, 1934, and November 27, 1934, and lessee requested a further extension.

Resolved, that the resolution adopted by the board on June 6, 1933, be and it hereby is amended, only so far as it refers to the last clause thereof, having reference to the completion of work, so that as amended this portion of the resolution will read:

"That in view of statement by the appellant's representative that all permits have been obtained, that all work shall be completed within nine months from the date of this amended resolution on condition that other than as amended herein, the resolution adopted on June 6, 1933, shall be complied with in all respects."

VARIATION OF LABOR LAW.

191-35-S.

APPLICANT—Salvatore Tocco, owner.

SUBJECT—Variation of the labor law as cited in a decision of the health commissioner.

PREMISES AFFECTED—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

APPEARANCES—

For Applicant: A. T. Nappi.

For Administration: None.

ACTION OF BOARD—Application laid over to September 24, 1935, at 2 p. m., on request of appellant's representative.

APPLIANCES SUBMITTED FOR APPROVAL.

207-35-SA.

APPLICANT—Cole's Hot Blast Mfg. Company, owner; Loring Lane Company, agent.

SUBJECT—Cole's Hot Blast Oil Burning Heating Stove, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of the board for test and report.

208-35-SA.

APPLICANT—The Johnston & Jennings Company (Oceco Division), owner; Geo. T. Bloom, agent.

SUBJECT—Oceco Rotary Pump for Petroleum Products, approval of.

MINUTES

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of the board for test and report.

213-35-SA.

APPLICANT—Preferred Utilities Company, Inc., owner.

SUBJECT—Preferred Fill Box, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of the board for test and report.

214-35-SA.

APPLICANT—Simplex Boiler Stand Co., Inc., owner.

SUBJECT—Simplex Terminal Fill Box, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of the board for test and report.

217-35-SA.

APPLICANT—Brigham Oil Burner Company, owner.

SUBJECT—Brigham Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and submitted to engineer of the board for test and report.

219-35-SA.

APPLICANT—United Wire & Supply Corp., owner.

SUBJECT—"United" Copper Service Pipe, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and submitted to engineer of the board for test and report.

222-35-SA.

APPLICANT—United States Burner Corporation, owner.

SUBJECT—United States Pressure Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and submitted to engineer of the board for test and report.

223-35-SA.

APPLICANT—The Newbury Mfg. Co., for F. A. and H.

A. Newbury, owners.

SUBJECT—"Newbury" Fill Caps for fuel oil, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and submitted to engineer of the board for test and report.

226-35-SA.

APPLICANT—Ansonia Fire Prevention Engineering Co., Inc., for United Stove Company, owner.

SUBJECT—Savoil Cabinet Heater and Cooker, Models 100, 200, 201 and 300, approval of.

APPEARANCES—

For Applicant: Herman E. Horwood.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of the board for test and report.

229-35-SA.

APPLICANT—Hardinge Oil Burner Company, owner.

SUBJECT—Hardinge Gun Type Oil Burner, Model 25, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of the board for test and report.

231-35-SA.

APPLICANT—A. Jay Kates, owner.

SUBJECT—Sealtite Fill Cap for fuel oil, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of the board for test and report.

233-35-SA.

APPLICANT—Odin Stove Manufacturing Company, owner.

SUBJECT—Odin Beautyheater (Space Heater), approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of the board for test and report.

443-26-SA.

APPLICANT—Consolidated Ashcroft Hancock Co., Inc., owner.

SUBJECT—American Anti-Syphon Valve—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application withdrawn by written request.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney

Negative

Absent

4

0

0

Adjourned, 4:00 p. m.

EDWARD V. BARTON, Chief Clerk.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standard and Appeals held Tuesday, September 10, 1935, as they appeared in the Bulletin No. 38, Vol. XX, are hereby corrected to read as follows:

101-32-BZ.

APPLICANT—Joseph Schafran, for Thema Rosen, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the

* *Correction*—Word “granted” changed to denied in line 6 of subject; word “with” changed to “but granted” in line 7, and phrase (to the rear of plot) as accessory to the parking space, to be used by, changed to “on condition that the sale of gasoline be exclusively to the” in lines 10 and 11; and words “only and also the installation of more than five (5)”, deleted from lines 11 and 12 and words “of the existing” substituted.

erection and maintenance of a gasoline service station, motor vehicle repair shop and grease pits upon a plot of ground upon which the board previously denied the maintenance of an open air parking space for more than five (5) motor vehicles, but granted the installation of two (2) gasoline tanks and pumps, on condition that the sale of gasoline be exclusively to the tenants of the existing individual garages (reopened March 26, 1935).

PREMISES AFFECTED—2871 Bailey avenue, west side, 182.28 feet south of West 230th street (Block No. 3264, Lot No. 70), The Bronx.

APPEARANCES—

For Applicant: Samuel Greenbaum, Philip Rosen, Fred S. Lowenthal.

For Opposition: William F. Walsh.

ACTION OF BOARD—Laid over to September 17, 1935, at 2 p. m., for report of committee on inspection. No further argument.

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, September 10, 1935, as they appeared in the Bulletin No. 38, Vol. XX, are hereby corrected to read as follows:

783-27-BZ.

APPLICANT—Conroy and Hardy, for 202 West 63rd Street, Corp., owner.

SUBJECT—Application reopened July 2, 1935, for rehearing on Order of the Court—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

* *Correction*—Subject added in line 3 of digest.

PREMISES AFFECTED—8514-8524 15th avenue, northwest corner of 86th street (Block No. 6340, Lot No. 43), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

For Opposition: Harold Arens.

ACTION OF BOARD—Application withdrawn without prejudice.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative 4
Absent 0

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Crocker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Crocker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

USE OF HYDRATED LIME IN CONCRETE.

Adopted by the Board of Standards and Appeals, April 19, 1920, under Cal. No. 153-20-S.

The use of hydrated lime in all classes of concrete construction shall not be prohibited when used in accordance with the conditions hereinafter set forth.

The hydrated lime shall conform with the standard specifications for this material which have been adopted by the American Society for Testing Materials.

The maximum amount of hydrated lime which may be used shall conform with the following table, all weights given being the amount of lime which may be incorporated for each ninety-five pound bag of Portland cement:

1-1½-3 Mix, 4 pounds of hydrated lime per bag of cement.

1-2-4 Mix, 5 pounds of hydrated lime per bag of cement.

1-2½-5 Mix, 6 pounds of hydrated lime per bag of cement.

For hand mixed concrete, the hydrated lime and Portland cement shall be well mixed while dry.

Hydrated lime shall not be used in concrete which is to be deposited under water.

RULES

EXTRACTS FROM CHAPTER 10, CODE OF ORDINANCES OF THE CITY OF NEW YORK, RELATING TO REFRIGERATING SYSTEMS AS AMENDED JANUARY 29, 1935.

ARTICLE 1. General Provisions.

§1. Definitions.

Unless otherwise expressly stated, whenever used in this chapter the following terms shall respectively be deemed to mean:

33. Refrigerating system, a combination of apparatus in which a refrigerant is circulated for the purpose of extracting heat.

(a) The parts of the system are the compressor, generator, condensor, absorber, receiver, shell type or tube type apparatus, pipes, vessels, or other parts, containing refrigerant.

(b) Direct refrigeration, a system in which the refrigerant is circulated to the substance or space refrigerated.

(c) Indirect refrigeration, a system in which brine cooled by the refrigerant is circulated to the substance or space refrigerated.

(d) Refrigerant is the chemical agent other than brine used to produce refrigeration.

(e) Irritant refrigerant, any refrigerant which when breathed attacks the throat or lungs.

(f) Hydrocarbon refrigerants, any refrigerant of the hydrocarbon class.

(g) Flammable refrigerant, any refrigerant which will burn or explode when mixed with certain proportions of air.

(h) Refrigerating machinery room, a room in which is located a refrigerating system containing refrigerant, but not including expansion coils when located in cold storage rooms or expansion coils when located in refrigerator boxes.

(i) Factor of safety, the multiple three and one-third ($3\frac{1}{3}$), the product of which and the test pressure, constitutes the probable rupture pressure.

(j) Pressure imposing element, that apparatus which draws the refrigerant from the low pressure or low temperature side of the system and discharges it into the high pressure or high temperature side of the system.

(k) Pressure limiting device, a pressure or temperature responsive mechanism for automatically stopping the operation of the pressure imposing element.

(l) Brine, any liquid which having been cooled by the refrigerating system is used for the transmission of heat.

(m) Pressure relief device, a pressure relief valve, a rupture member, fusible plug or other approved device for relieving the pressure.

(n) Pressure relief valve, a valve held shut by a spring or other means to automatically relieve pressure in excess of its setting.

(o) Rupture member, a device that will automatically rupture at a pre-determined pressure.

(p) Liquid receiver, a vessel permanently connected to a system by inlet and outlet pipes for storage of a liquid refrigerant.

(q) Container, a cylinder for the shipment of refrigerant constructed to conform to the regulations of the Interstate Commerce Commission.

(r) Mixer, a vessel or device in a system for mixing the ammonia or other soluble vapor with water.

(s) Stop valve, a cut-off valve for use during normal operation.

(t) Service valve, a key-operated shut-off valve used only during shipment, installation or repairs.

(u) Fusible plug, a device having a predetermined-temperature fusible member for the relief of pressure.

(v) Public buildings, business buildings, and residence buildings as so defined by section 70, Article 4, of the Building Code of the City of New York.

NOTE:—Public Buildings. Public buildings are buildings or parts of buildings in which persons congregate for civic, political, educational, religious or recreational pur-

poses, or in which persons are harbored to receive medical, charitable or other care or treatment, or in which persons are held or detained by reason of public or civic duty, or for correctional purposes, including among others, court houses, schools, colleges, libraries, museums, exhibition buildings, lecture halls, churches, assembly halls, lodge rooms, dance halls, theatres, bath houses, hospitals, asylums, armories, fire houses, police stations, jails and passenger depots.

NOTE:—Residence Buildings. Residence buildings are buildings or parts of buildings in which sleeping accommodations are provided, except such as may for other reasons be classed as public buildings, including among others, dwellings, tenement houses, hotels, lodging houses, dormitories, convents, and studios and club houses having sleeping accommodations.

NOTE:—Business Buildings. Business buildings are buildings or parts of buildings, which are not public buildings or residence buildings, including among others, office buildings, stores, markets, restaurants, warehouses, freight depots, car barns, stables, garages, factories, laboratories, smoke houses, grain elevators and coal pockets.

ARTICLE 3.

Bonds and Fees.

§43. Fees for Permits.

Applicants for permits under the provisions of this chapter shall pay annual fees as follows:

35. Refrigerating systems:

Class A systems.....	\$20.00
Class B systems.....	10.00
Class C systems containing over six pounds of refrigerant	5.00
Class C systems containing six pounds or less of refrigerant.....	1.00

ARTICLE 18.

Refrigerating Systems.

Section 216.	Permits.
" 217.	Supervision.
" 218.	Classification.
" 219.	Permissible locations.
" 220.	Machinery rooms and ventilation.
" 221.	Open flames and electrical equipment.
" 222.	Testing.
" 223.	Piping.
" 224.	Safety devices.
" 225.	Size of safety devices.
" 226.	Location and discharge of safety devices.
" 227.	Operating precautions.
" 228.	Equipment diagrams.

§216. Permits.

(a) Except as hereinafter provided in this article it shall be unlawful to maintain or operate a refrigerating system without a permit.

(b) A permit will not be required for a Class C system when maintained or operated in the residence portion of a dwelling containing not more than two families, or in the residence portions of either a tenement house or a business building.

(c) No refrigerating system shall be maintained or operated employing a refrigerant other than those specified in this article without a permit issued upon such conditions, consistent with the provisions of this article, as are deemed by the fire commissioner necessary in the interest of public safety.

NOTE:—The Fire Chief and Commissioner prescribed under date of April 4, 1934, the following:

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1. That the refrigerants dichlorodifluoromethane, known as "Freon" ("Kinetic No. 12" also "F-12") CCl_2F_2 also dichlorotetrafluoroethane ("F-114") $\text{C}_2\text{Cl}_2\text{F}_4$, and monofluorotrichloromethane ("F-11") CFC_1_3 are non-flammable and non-irritant, unless otherwise hereinafter provided, and shall be regulated in accordance with the provisions of Article 18 of Chapter 10 of the Code of Ordinances, as such, except, when used in a room or rooms in which there is an open flame or apparatus to produce an open flame, when the provisions of said article covering irritant refrigerants shall apply.

2. That refrigerating systems employing F-11; F-12 or F-114 are restricted to parts of a building so specified in Section 219 (b) for refrigerants other than non-irritant and non-flammable.

3. That refrigerating systems employing F-11; F-12 or F-114 used for air conditioning are restricted to the indirect method except that the direct method may be used in parts of a building so specified in Section 219 (b) for refrigerants other than non-irritant and non-flammable.

4. That refrigerating systems employing F-11; F-12 or F-114 shall not be installed or maintained in or on the stairways, halls, lobbies, entrances, exits or auditoriums of any building.

5. That refrigerating systems employing F-11; F-12 or F-114, shall not be installed or maintained in a hospital, unless the entire system is confined in a fireproof machinery room, used for no other purpose, and in which no open flame shall be employed, except that the Class "C" system containing not more than 10 pounds of refrigerant may be used in a diet kitchen which shall be cut off from the rest of the building by a tight fitting self-closing door or doors and provided with a window or windows to the outside air. All open flames, and/or apparatus for producing an open flame, in diet kitchens where these refrigerants are used shall be vented to the outside air as hereinafter required in Paragraph 8.

6. That refrigerating systems employing F-11; F-12 or F-114 may be installed or maintained in a hospital private room, having tight partitions and tight fitting self-closing door or doors and where not more than two persons are helpless and/or given medical treatment, provided there is no open flame and/or apparatus for producing an open flame in such room and when the system contains not more than 10 pounds of refrigerant.

7. That a refrigerating system employing F-11; F-12 or F-114 shall not be installed or maintained in a theatre and/or motion picture theatre unless the entire system is confined in a fireproof machinery room, used for no other purpose, and in which no open flame and/or apparatus to produce such open flame shall be employed.

8. That a refrigerating system employing F-11; F-12 or F-114 when used in a room or rooms in which there is an open flame or apparatus to produce such open flame, such open flame and/or apparatus shall be provided with a hood and independent mechanical ventilation so arranged as to convey all the products of combustion to the outside of the building. This provision shall apply only to diet kitchens of hospitals and to Class "C" systems in schools, churches, dance halls, court rooms, police stations, jails, asylums, subways, passenger depots, rooms opening into passenger depots and/or subways and such other places as are deemed by the Fire Commissioner necessary in the interest of public safety.

9. That each refrigerating machinery room in any building in which F-11; F-12 or F-114 are used, shall be maintained vapor-tight and provided with tight fitting, self-closing doors, in accordance with Section 220-1-(a).

10. That each refrigerating machinery room in which F-11; F-12 or F-114 is used, shall be adequately ventilated directly to the outside air in accordance with Section 220-(2) a-b-c and d.

11. Tests pressures and setting of safety valves for systems employing F-11, F-12 or F-114, shall be included in Section 222 (a) as follows:

Refrigerant	Column No. 1	Column No. 2	Column No. 3
F-11	25	15	15
F-12	180	120	135
F-114	60	30	30

12. That the size of pressure relief valves for systems in which F-11, F-12 or F-114 is employed, shall be as follows:

Capacity of System	Number Required
Up to 30 tons	One $\frac{1}{2}$ inch
30 to 60 "	One $\frac{3}{4}$ "
60 to 100 "	One 1 "
100 to 175 "	One $1\frac{1}{4}$ inches
175 to 250 "	One $1\frac{1}{2}$ "
250 to 450 "	One 2 "
450 to 900 "	Two 2 "

13. That the storage of F-11, F-12 or F-114 shall conform with Section 227-3 (e) for other refrigerants.

14. That all other sections or parts of Article 18 of the Refrigerating Code not so mentioned, shall be complied with.

15. That refrigerating systems employing F-11, F-12 or F-114, installed prior to May 19, 1932, shall be inspected, and if found to comply with the rules, or if in the opinion of the Fire Commissioner, the installations are of a non-hazardous character, a permit may be issued. Installations which have been made in hospitals, theatres, asylums and places of public assembly shall be made to comply strictly with these rules.

(d) A permit, where required, shall be applied for forty-eight hours after installation is completed, containing the name of the person for whom the system is installed and the place of location of the system.

(e) Only the refrigerant specified in the permit shall be used in the system.

(f) Refrigerating systems to which these provisions cannot be applied, may be maintained and operated subject to such conditions as are deemed necessary by the fire commissioner.

§217. Supervision.

(a) No refrigerating system containing more than fifty (50) pounds of refrigerant shall be maintained or operated in any building except under the personal supervision, direction or control of either a duly licensed engineer or a person who has obtained a certificate of qualification to operate such a system from the department of buildings. Where the system contains not more than two hundred (200) pounds of refrigerant and is fully automatic only one qualified operator will be required.

(b) No Class C system as hereinafter permitted for exhibition or demonstration purposes shall be maintained or operated in a public building or exhibition hall except under the personal supervision, direction or control of either a duly licensed engineer or a person who has obtained a certificate of qualification to operate such a system from the department of buildings.

(c) Upon receipt of such certificate the applicant therefor shall pay an annual license fee as follows: For the initial fee \$5, and for a renewal thereof the sum of \$1 if such renewal be applied for within thirty days prior to the expiration of such certificate. Any such certificate may be revoked or suspended for cause at any time by the commissioner of buildings.

§218. Classifications.

(a) The total amount of refrigerant common to a system operating through one or more evaporators, shall be considered the capacity of the system and determine its class.

(b) A Class A system is a system containing one thousand (1,000) pounds or over of refrigerant, or capable of thirty (30) tons capacity or over.

(c) A Class B system of a system capable of less than thirty (30) tons capacity, or containing less than one thousand (1,000) pounds of refrigerant and over the amounts provided for in a Class C system.

(d) A Class C system is a system containing not more than twenty (20) pounds of refrigerant.

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§219. Permissible Locations.

(a) No Class A or Class B systems shall be installed in any public building as defined by section 70, article 4, of the Building Code, until plans have been filed with and approved by the fire commissioner, and no refrigerant shall be placed in the system until a permit has been obtained from the fire commissioner.

(b) The direct method of refrigeration shall not be used in any building, whether or not a permit is required for installation therein, outside of the refrigerating machinery room except in buildings used exclusively for ice making or for refrigerating purposes or both; when not carried above the first floor in business buildings; in the business sections of business buildings provided the entire system is confined to one floor in the space occupied by a single tenant; in the business section of a residence building when not carried above the first floor; in a residence building occupied by not more than two families; or in any building provided a non-irritant and non-flammable refrigerant is used.

(c) No brine shall be used in any brine circulating system that will generate flammable vapor at a temperature below 100 degrees Fahrenheit when tested in a Tagliabue open cup tester, and no refrigerant shall be used as a brine.

(d) No Class A system using ammonia shall be installed or maintained in any building above the first floor level unless such building is used exclusively for icemaking or refrigerating purposes.

(e) Systems on demonstration in exhibition halls shall be limited to the unit type containing not more than ten (10) pounds of refrigerant.

(f) No refrigerating system employing an irritant and/or flammable refrigerant shall be installed or maintained in or on:

1. The stairways, halls, lobbies, entrances, exits, auditoriums of any building.
2. Dance hall, court room, police station, jail, subway, theatre, motion picture theatre.
3. Waiting or public rooms in a railroad passenger depot and/or rooms opening directly therein.
4. Rooms opening directly into a subway, and/or theatre, and/or motion picture theatre and/or where persons are detained and/or confined.
5. A school unless the refrigerating system is used exclusively for instructions or research purposes.
6. A hospital and/or asylum in which persons are confined or given medical treatment and/or helpless.
7. Unless as otherwise required by this section the refrigerating system is cut off from the building by unpierced fireproof construction.

The aforementioned provisions do not apply to hermetically sealed unit systems containing not more than six (6) pounds of refrigerant when located in dance halls, police stations, diet kitchens of hospitals and/or laboratories and when located in rooms shut off from the rest of the building by tight partitions and tight-fitting, solid, self-closing door or doors and located in a room having a window to the outside air.

(g) An intermittent absorption type of refrigerating machine shall not be permitted in a Class A system. Such a type of machine shall be permitted in a Class B system only when a heating medium of low pressure steam is used in its operation.

(h) The use of methyl and ethyl chloride, sulphur dioxide, or a hydro-carbon refrigerant will not be permitted in Class A systems.

(i) A Class B system using ethyl chloride or a hydro-carbon refrigerant shall not be installed or maintained in the Borough of Manhattan or in other built-up sections of the city. Elsewhere, it shall be installed or maintained only in a fireproof building of not more than one story in height, and shall be located on the ground floor, which shall be of unpierced fireproof construction. The refrigerating machinery room shall be cut off from the rest of the building by unpierced fireproof walls of not less than eight inches (8")

of brick or six inches (6") of reinforced concrete. Direct exit therefrom leading to the open air and not to any other part of the building shall be maintained and shall be provided with vapor-tight, self-closing, fireproof door or doors.

§220. Refrigerating Machinery Rooms and Ventilation.

1. Refrigerating machinery rooms.

(a) All refrigerating machinery rooms in which an irritant refrigerant is used shall be maintained vapor-tight except that all doors which open to other parts of the building shall only be required to be self-closing and close fitting, and be kept closed at all times, except during entrance or exit. All other openings that may permit the passage of vapor to other parts of the building shall be vapor-tight and kept closed. No opening from elevator shafts shall be permitted in the refrigerating machinery room. This provision, however, shall not apply to dumbwaiter shafts the door openings of which are protected with self-closing, fire doors or to a system containing less than six (6) pounds of refrigerant. Closets solely contained within and opening only into the refrigerating machinery room shall be considered as part of the room in which it opens.

(b) In Class A and Class B systems in which an irritant refrigerant is used, the doors of the refrigerating machinery rooms shall open outwardly.

2. Ventilation.

(a) Each Class A, B and C refrigerating machinery room of any system shall be independently provided with means for adequate ventilation to the outer air. The ventilation shall consist of a window or windows opening directly to the open air, or mechanical means capable of exhausting the foul air from the room.

(b) When a window or windows are used, if placed in opposite walls so as to provide a through air circulation to the outer air, a total area of inlet and outlet, respectively, of not less than that specified in Column D of the table in paragraph (d) shall be provided. When a window or windows are placed in one wall a total area shall be provided not less than that specified in column E of the above-mentioned table.

(c) When mechanical means are used they shall consist of a power-driven exhaust fan of the enclosed case blower type which shall be capable of removing from the refrigerating machinery room the amount of air specified in column B of the table in paragraph (d). The inlet to the fan shall be located near the refrigerating equipment. The outlet from the fan shall terminate not less than six (6) feet above the sidewalk and in no case under a stairway or fire escape. Where air ducts are used on either the inlet or discharge side of the fan they shall each have an area not less than that specified in column C of the above-mentioned table. Sharp bends in the run of the ducts shall be avoided. The control for such mechanical means of ventilation shall be easily accessible and located outside of the refrigerating machinery room.

(d)

Pounds of Refrigerant in System.	Mechanical Cu. Ft. per Minute Discharge.	Window Mechanical Sq. Ft. Duct Area.	Window Area in Sq. Ft. for each Opposite Side.	Window Area in Sq. Ft. for One Side Only.
A	B	C	D	E
Up to ...20	150	1/4	1	6
50	250	1/3	1 1/2	12
100	400	1/2	2	16
150	550	2/3	2 1/2	19
200	680	2/3	3	25
250	800	1	3 1/2	29
300	900	1	4	32
400	1,100	1 1/4	4 1/2	38
500	1,275	1 1/4	5	42
600	1,450	1 1/2	6	45
700	1,630	1 1/2	6 1/2	48

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800	1,800	2	7	51
900	1,950	2	7 1/2	55
1,000	2,050	2	8	59
1,250	2,350	2 1/4	9	68
1,500	2,800	2 1/2	11	78
1,750	3,150	3	12 1/2	87
2,000	3,500	3 1/2	14	95
2,500	4,150	4	16	113
3,000	4,500	4 1/2	18	130
4,000	6,000	6	24	167
5,000	7,500	7 1/2	30	204
6,000	9,000	9	36	241
7,000	10,500	10.5	42	278
8,000	12,000	12	48	315
9,000	13,000	13	52	342
10,000	14,000	14	56	360
12,000	17,000	17	68	425
14,000	19,000	19	75	470
16,000	22,000	22	86	540
18,000	24,000	24	92	580
20,000	26,000	26	100	630
25,000	33,000	33	121	760
30,000	39,000	39	142	870
35,000	44,000	44	155	940
40,000	51,000	51	176	1,060
45,000	56,000	56	190	1,120

Note—Door openings, leading directly to the open air shall be considered equivalent to windows for the requirements specified in columns "D" and "E" of this table.

(e) Where a non-irritant or nonflammable refrigerant is employed, the requirements as given in table (d) may be reduced by one-half. When air or water is employed as the refrigerant no ventilation shall be required.

(f) In lieu of mechanical means of ventilation in refrigerating machinery room or rooms where a Class A system or a Class B system using ammonia is installed, a water deluge may be provided which shall consist of a sprinkler system having open heads of not less than one-quarter inch (1/4") orifice spaced not more than eight feet apart in any direction, and such system shall be located above all the refrigerating apparatus and piping in the refrigerating machinery room. Not more than one head shall be installed on a 3/4-inch pipe; five heads on a 1-inch pipe; six heads on a 1 1/4-inch pipe. The deluge system shall be permanently connected with the main house supply or other assured source from which a constant water pressure of not less than twenty pounds per square inch can be maintained on the inlet side of the main control valve or valves at all times. The control valve or valves for such water deluge system shall be manually operated, easily accessible and shall be labeled and located outside of the refrigerating machinery room.

§221. Open Flames and Electrical Equipment.

1. Open flames.

No fire-flame or arc light will be permitted in a Class A or B refrigerating machinery room in which a flammable refrigerant is used.

2. Electrical equipment.

(a) All Class A and B systems refrigerating systems containing more than fifty (50) pounds of refrigerant shall have an emergency switch controlling all of the electrically-operated refrigerating machinery or the remote control of such a switch located outside of the refrigerating machinery room where it can be quickly reached and operated in case of necessity.

(b) Where the operating mechanism in any system is dependent upon electrical control, such control in a pressure limiting device shall be on a closed circuit. Nothing herein contained shall require a hand reset on an automatic type of refrigerating machine.

§222. Testing.

(a) Every part of any refrigerating system, except pressure gauges and control mechanism, shall be tested to at

least the following pressures. Class A and B systems containing over fifty (50) pounds of refrigerant shall be tested after installation and proved tight before being operated. A dated declaration of such test, signed by the tester, shall be posted in the machinery room.

Refrigerant.	Col. 1. High Pressure Side.	Col. 2. Low Pressure Side.	
		With Safety Valves.	Without Safety Valves.
Carbon dioxide	1,500	750	1,000
Ethane	1,050	520	760
Ammonia	300	150	225
Propane	250	115	175
Methyl chloride	155	80	120
Sulphur dioxide	135	100	100
Iso-butane	90	45	70
Butane	75	35	50
Ethyl chloride	30	15	25
Dichloromethane	12	12	12
Dichloroethylene	12	12	12
Trichloroethylene	12	12	12

§223. Piping.

1. Piping.

(a) All piping, liquid receivers or vessels containing the refrigerant, shall be supported on or by strong and durable materials. This provision shall not apply to Class C installations.

(b) The arrangement of stop valves, relief devices, etc., when used shall be as shown on the diagram for Class A and B systems in section 228.

(c) Every system which may be charged after installation shall have the charging connection located on its low pressure side.

2. Gauge glasses.

(a) Liquid level gauge glasses, except those of the bull's eye type, shall have automatic closing shut-off valves and such glasses shall be adequately protected against injury by slotted metal casings.

§224. Safety Devices.

1. Construction and setting.

(a) Pressure relief valves, pressure limiting devices and rupture members shall be set to prevent the pressure exceeding the test pressure. The pressure at which the device is set to function shall be indicated thereon. (See section 222 (a), columns 1 and 2 of table.)

(b) Fusible plugs shall relieve the pressure at a temperature not exceeding 280 degrees Fahrenheit.

2. Use of stop valves.

(a) No stop valve shall be located between a pressure relief device or pressure limiting device and the part of the system protected thereby, unless two pressure relief devices of required size are used, and so arranged that only one pressure relief device can be cut off for repair purposes at any one time.

(b) A Class B system in which no stop valves are used and in which the pressure will equalize throughout the system when the pressure imposing element is not in operation may be protected by only one pressure relief device located on the high pressure side.

3. Ammonia mixer.

(a) The low pressure side of a Class A ammonia system shall be provided with a hand-operated valve for discharging the ammonia into water through a mixer to the sewer in case of emergency.

(b) The ammonia mixer shall be constructed of steel and shall be capable of withstanding a pressure of at least fifty (50) pounds per square inch.

(c) No valve shall be located in the ammonia emergency discharge line except the manually-operated valve discharging into the water and ammonia mixer, but there may be

RULES

one stop valve located inside the building for repair purposes only. This valve shall be sealed open and labeled "Keep Open."

(d) The manually operated pressure relief valve shall be located in a locked box which can be opened by members of the Fire Department by means of a Fire Department key. The door of the box shall be on the public thoroughfare side of the building in an easily accessible location and not less than eighteen (18) inches or more than five (5) feet above the sidewalk level. The box shall be permanently labeled having letters of not less than one (1) inch reading "For Fire Department Use Only." The relief valve shall be labeled "Ammonia." A sign shall be posted within the box reading "Do Not Open Valve Until Water Is Flowing."

(e) A single standard three (3) inch fire department connection shall be provided through which the necessary water may be supplied to the mixer. The fire department connection shall be located near the box and not less than eighteen (18) inches or more than twenty-four (24) inches above the sidewalk level and shall be permanently labeled having letters not less than one (1) inch reading "To Ammonia Mixer." A check valve so set as to prevent gases from reaching the fire department connection shall be installed in the water line between the fire department connection and the water and ammonia mixer.

(f) The fire department shall have sole use of the mixer and supply the necessary water.

(g) In systems using over twenty-seven thousand (27,000) pounds of ammonia there shall be provided one additional water and ammonia mixer for each twenty-seven thousand (27,000) pounds of ammonia or fraction thereof so used in excess.

(h) The ammonia mixer and its connection for a Class A system shall conform to the diagram in section 228.

§225. Size of Safety Devices.

(a) The size of pressure relief valves shall be as follows:

Capacity of System.	CO ₂ and Ethane, No. Req., Size.	Other Refrigerants, No. Req., Size.
Up to 30 tons.....	1—1½"	1—1½"
30 to 60 tons.....	1—1½"	1—¾"
60 to 100 tons.....	1—1½"	1—1"
100 to 175 tons.....	1—1½"	1—1¼"
175 to 250 tons.....	1—¾"	1—1½"
250 to 450 tons.....	1—1"	1—2"
450 to 900 tons.....		2—2"

(b) Where rupture members are permitted and used, the equivalent area of the relief valve specified must be provided.

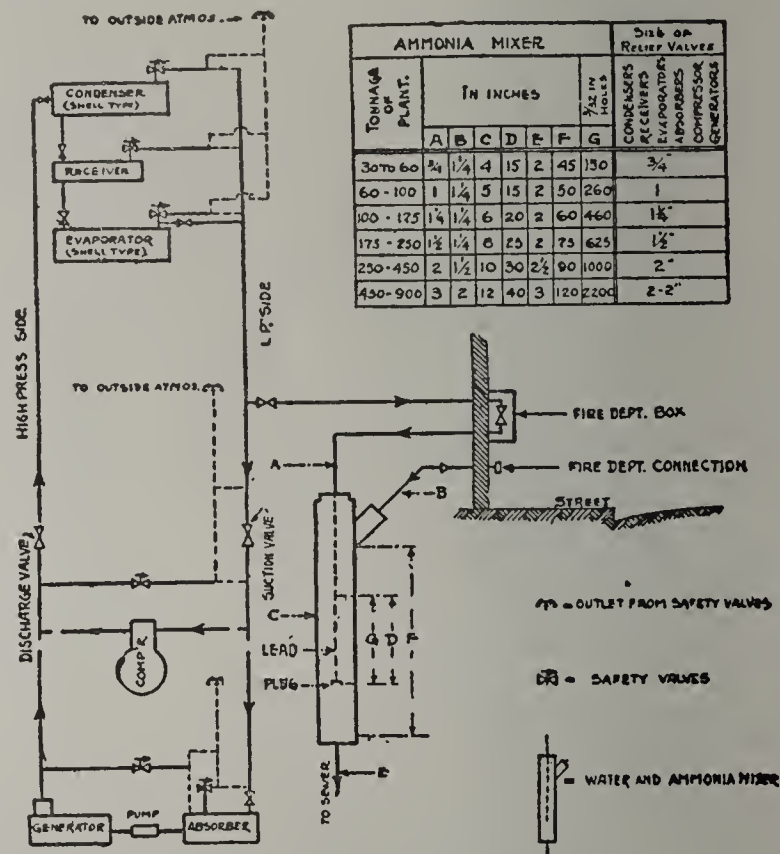
(c) Fusible plugs may be used on all Class C systems and on all Class B systems of the hermetically sealed compression type containing not more than fifty (50) pounds of refrigerant. The free discharge opening shall be one-sixteenth (1/16) inch in diameter.

§226. Location and Discharge of Safety Devices.

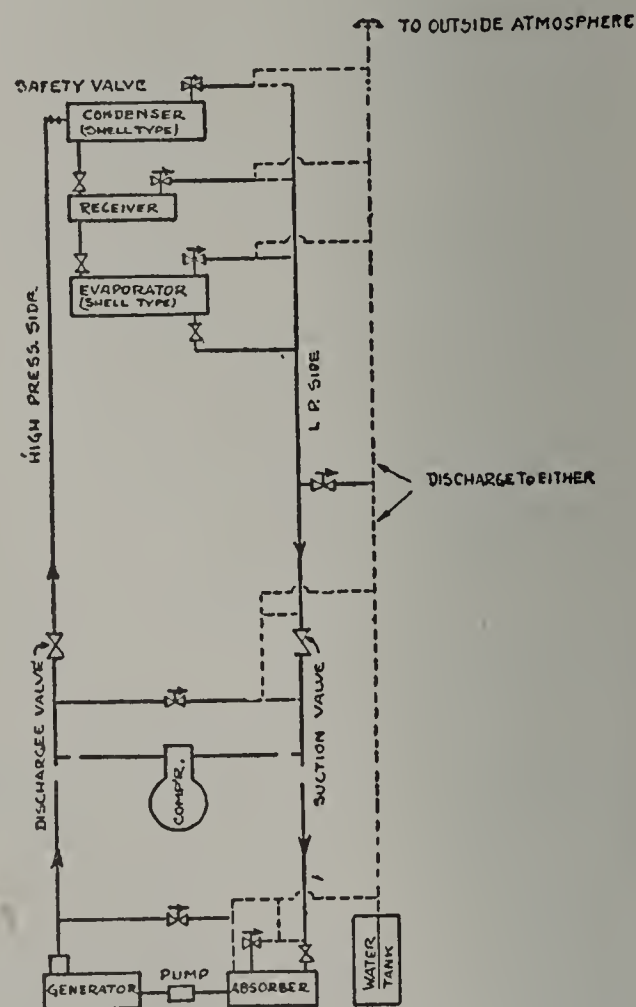
1. Location.

(a) A pressure limiting device shall be provided on the high pressure side of each water-cooled refrigerating system containing more than six (6) pounds of refrigerant. A pressure relief valve shall be provided on the high pressure side of each water-cooled refrigerating system containing twenty (20) pounds or more of refrigerant, but it shall not be necessary to discharge the refrigerant to the outside air or water tank from any such refrigerating system containing fifty (50) pounds or less of refrigerant, any other provision of this chapter to the contrary notwithstanding.

(b) Each compressor or generator of a Class A or B system containing more than 100 pounds of refrigerant shall be protected by a pressure relief valve connected into the high pressure side between the main stop valve and the compressor or generator to relieve excessive pressure as hereinafter provided.



ARRANGEMENT OF PRESSURE RELIEF DEVICES FOR CLASS 'A' EQUIPMENT
SECTION 226



ARRANGEMENT OF PRESSURE RELIEF DEVICES FOR CLASS 'B' EQUIPMENT
SECTION 226

RULES

(c) A rupture member may be substituted for the relief valve in CO₂ systems or systems operating below atmospheric pressure.

(d) Shell type apparatus such as liquid receivers, condensers, evaporators, liquid separators and absorbers of Class A and Class B systems containing more than fifty (50) pounds of refrigerant, and Class B systems containing fifty (50) pounds or less of refrigerant which can be shut off by stop valves, shall each be equipped with a pressure relief valve, discharging as hereinafter provided.

(e) Class C systems and Class B systems containing fifty (50) pounds or less of refrigerant so constructed that, when subjected to an abnormal outside temperature such as that generated in a fire, they may burst due to the expansion of the refrigerant, shall be protected by a pressure relief device.

(f) A pressure relief valve will be required on the low pressure side of a Class B system into which the relief valve or valves on the high pressure side discharge, as so shown on equipment diagram of section 228-2.

2. Discharge of pressure relief valve.

(a) Where ammonia is used in Class A systems, the discharge from relief valves must be conducted to the outside atmosphere or into that part of the low pressure side protected by the mixer as specified in section 224, 3. If it is discharged to the outside atmosphere it must be piped above the roof or not less than 12 feet above the grade. The discharge from more than one relief valve may be run into a common header, the area of which shall be equal to the area of the pipes connected thereto. The outlet orifice shall be turned downward.

(b) Where more than fifty (50) pounds of ammonia is used in a Class B system the discharge from relief valves shall be piped to the outside atmosphere as specified for Class A systems or to the low pressure side as shown in diagrams in section 228, or into a tank of water which shall be used for no purpose except ammonia discharge. At least one gallon of fresh water shall be provided for every pound of ammonia contained in the system. The water used shall be prevented from freezing without the use of salt or chemicals. The tank shall be substantially constructed of not less than one-eighth ($\frac{1}{8}$) of No. 11 U. S. gauge iron. No horizontal dimensions of the tank shall be greater than one-half ($\frac{1}{2}$) the height. The tank shall have a hinged cover or, if of the enclosed type, shall have a vent hole at the top. All pipe connections shall be through the top of the tank only. The discharge pipe from the pressure relief valves shall discharge the ammonia in the center of the tank near the bottom. The tank shall be as securely supported as any other portion of the system. There shall be no opening in the tank below the water level.

(c) Where more than fifty (50) pounds of any refrigerant other than ammonia is used the discharge from relief valves shall be to the atmosphere as specified for Class A ammonia systems. Carbon dioxide may be discharged into the room if the same contains at least 10 cubic feet of capacity per pound of refrigerant used.

(d) Arrangements of pressure relief devices for Class A and B systems shall conform to the diagrams in section 228.

§227. Operating Precautions.

1. Masks and helmets.

(a) In a Class A system which operates above atmospheric pressure shall be provided with at least two helmets or masks.

(b) In a Class B system in which more than fifty (50) pounds of ammonia, sulphur dioxide or other irritant refrigerant is used, there shall be provided at least one helmet or mask.

(c) Only helmets or masks that have been approved by the United States Bureau of Mines as suitable for the refrigerant employed shall be used, and they shall be kept in operative condition in an easily accessible case or cabinet located immediately outside the refrigerating machinery room.

2. Signs.

(a) On Class A and Class B systems containing more than fifty (50) pounds of refrigerant there shall be painted on and affixed in a permanent manner to the main steam control, main electrical and remote control switches, receivers, condensers, shell type coolers, signs having letters not less than one and one-half inches ($1\frac{1}{2}$ ") high, designating the part and refrigerant contained therein.

(b) The seller of every Class A or B system shall furnish the purchaser with a sign bearing his name at least $8\frac{1}{2}$ " by 11" in size, which gives the rated refrigeration capacity and the quantity and kind of refrigerant required for the satisfactory operation of the system and the purchaser shall conspicuously and permanently display this sign in the machinery room. The quantity and name of the proper refrigerant content and the rated refrigeration capacity shall be stamped on all Class C systems near to or on the name plate.

(c) The following information shall be posted in Class A and B machinery rooms where over fifty (50) pounds of refrigerant is used: (a) The names and addresses of the engineers or operators in charge; (b) Location of nearest fire alarm box; (c) The name, address and telephone number of physician to be called in case of emergency; (d) Instructions for safely shutting down the plant in case of emergency.

3. Storage of refrigerant.

(a) Refrigerant not contained in the refrigerating system shall be stored only in flammable or irritant containers conforming to the regulations prescribed by the Interstate Commerce Commission for the transportation of such refrigerant.

(b) Only two containers holding not more than a total of three hundred (300) pounds of flammable or irritant refrigerant shall be stored in the refrigerating machinery rooms of a Class A system.

(c) Only one container holding not more than one hundred and fifty (150) pounds of flammable or irritant refrigerant shall be stored in the refrigerating machinery room of a Class B system.

(d) In a Class C system no refrigerant other than that used in the system shall be stored in the refrigerating machinery room.

(e) If a greater amount of flammable or irritant refrigerant is desired other than that permitted in a refrigerating machinery room, it shall be stored in a fireproof building or enclosure used for no other purpose.

(f) When the refrigerant is withdrawn from a system it shall be discharged into a suitable absorbent or containers conforming to the regulations of the Interstate Commerce Commission for the transportation of such refrigerant. No refrigerant shall be permitted to escape into the refrigerating machinery room.

(g) Containers shall not be connected to the system except during period of charging or withdrawing the refrigerant.

§228. Equipment Diagrams.

Section 5. This ordinance shall take effect immediately. Adopted by the Board of Aldermen December 13, 1927.

Received from his Honor the Mayor December 30, 1927, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

ARTICLE 26.

Miscellaneous.

§300. Violations.

Any person who shall wilfully violate or neglect or refuse to comply with any provisions of this chapter, in addition to any other penalties prescribed by law or ordinance, shall, upon conviction, be punished by a fine of not more than \$500 or by imprisonment not exceeding six months, or by both such fine and imprisonment.

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2½:5 concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval

938-22-SA—Johnson Improved Rotary Fuel Oil Burner.

1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.

209-32-SA—Croker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

32-34-SA—Super Oil Burner for Pressing Machine.

77-34-SA—Packard Fuel Oil Burner.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump

301-34-SM—"Radbur" Flameproofing Compound.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit). Models D and F.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

29-35-SA—Aetna Range Oil Burner.

30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

97-35-SA—Roper Rotary Pump for Fuel Oil.

113-35-SA—Ryan Marvel Oil Burner, Model M.

133-35-SA—Monarch Industrial Oil Burner.

135-35-SA—Loyalty Conversion Hot Water Heater.

156-35-SA—Gillespie Elevator Shaft Door Switch.

157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.

158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.

159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.

160-35-SA—Automatic Products Co. Constant Level Oil Burner Controls, Models 73B, 77, 261 and Model 240, Types (MAM), (MAE), (MAW), (BM), (U-nr), (P), (E), and (W-er 1).

163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.

165-35-SA—Serv-Well Range Oil Burner, Models 27B and 27T.

166-35-SA—ServWell Space Heater, Models 247T and 248.

167-35-SA—Serv-Well Water Heater, Models 255A and 255B.

171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.

172-35-SA—Florence Oil Space Heater, Models PH-28 and PH-8.

175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.

177-35-SA—Todd Mechanical Oil Burner. Type Hex-Press.

179-35-SA—Lonergan Automatic Hot Water Heater with Tank.

180-35-SA—Majestic Range Oil Burner, Models 27B and 27T.

181-35-SA—Majestic Space Heater, Models 247T and 248.

182-35-SA—Majestic Water Heater, Models 255A and 255B.

189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.

190-35-SA—Air-O-Flame Space Heater, Pot Type, Models 808, 810 and 108.

204-35-SA—Rhode Island Fill Box for Fuel Oil.

206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.

207-35-SA—Cole's Blast Oil Burning Heating Stove.

208-35-SA—Oceco Rotary Pump for Petroleum Products.

213-35-SA—Preferred Fill Box.

214-35-SA—Simplex Terminal Fill Box.

217-35-SA—Brigham Oil Burner.

219-35-SA—United Copper Service Pipe.

222-35-SA—United States Pressure Burner

223-35-SA—Newbury Fill Caps for fuel oil.

226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.

229-35-SA—Hardinge Gun Type Oil Burner, Model 25.

231-35-SA—Sealtite Fill Cap for fuel oil.

233-35-SA—Odine Beautyheater (Space Heater).

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	27
Cases filed up to September 18, 1935	247	Dismissed	13
Restored to Calendar	91	Denied	66
		Granted	4
		Granted on condition	139
		Appliances approved	57
		Appliances dismissed, disapproved or withdrawn.....	7
		Rules approved	2
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	275	Requests to reopen granted	250
Requests to amend	106	Requests to reopen denied	5
Requests for modification	0	Requests to amend granted	106
Requests to rescind	5	Requests to amend denied	0
Requests for extension of time	44	Requests for modification granted	0
Requests for extension of permit	7	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	5
Requests for approval of plans	8	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	44
Requests for interpretation	0	Requests for extension of time denied	0
Total	946	Requests for extension of permit granted	7
Disposed of	760	Requests for extension of permit denied	0
Cases pending September 18, 1935	186	Requests to install granted	0
		Requests to install denied	0
		Plans approved	8
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	20
		Total	760

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

OCTOBER 1, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 40

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, September 30, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, October 7, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

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253-35-SA....	F.D.....	Preferred Oil Burner (for Manual operation), Model DO, Appliance.
252-35-BZ....	D.B.Q.....	104-06 Astoria boulevard, south-east corner of 104th street (Block 1691, Lot 1), Corona, Queens, Applic. 3649-35.
251-35-BZ....	D.B.B.....	2119 Caton avenue (Block 5063, Lot 69), Brooklyn, Applic. 9712-35.
250-35-A....	F.D.....	Transportation of Fuel Oil in Trucks in New York City. 6885-L.C. & 6886-L.C.
249-35-SA....	F.D.....	Acme High and Low Water Alarm Switch, Appliance.
248-35-SA....	F.D.....	Acme Type 205 Polarized Vibrating Bells (all sizes). Appliance.

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67-33-BZ...	D.B.Bx....	Baychester avenue and East 233rd street, northeast corner (Block 4955, Lot 1), The Bronx, N. B. 35-33.
424-19-BZ...	D.B.B.....	2275-2291 Bedford avenue, north-east corner of Albermarle road (Block 5110, Lot 1), Brooklyn, Decision.
829-18-BZ...	D.B.B.....	158A Sixteenth street (Block 1052, Lot 37), Brooklyn, Decision.
1192-23-BZ...	D.B.B.....	1864-1876 Coney Island avenue (Block 6617, Lot 17), Brooklyn, Applic. 7897-35.
1125-23-BZ...	D.B.Bx....	Jerome avenue and 205th street, northeast corner (Block 3322, Lot 11), The Bronx, Slip Applic. 773-35.
139-35-SA...	F.D.....	Syncro-Flame Oil Burner, Model RH, Appliance.
187-29-BZ...	D.B.Q.....	84-02 Linden boulevard, southeast corner of 84th street (Block 2282, Lot 1), Aqueduct, Queens, Decision.
203-33-BZ...	D.B.B.....	365-381 Fourth avenue, northeast corner of 6th street (Block 987, part of Lot 1), Brooklyn, Applic. 4591-35.
510-31-BZ...	D.B.R.....	2020-2022 Richmond terrace and 2-8 Park avenue, southwest corner (Block 1003, Lot 26), Port Richmond, Richmond, N. B. 1179-31.
344-34-A....	F.D.....	548 Cassanova street (Block 2768D, Lot 193), The Bronx, 3666-L. C.
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H.D.....	Health Department

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D.B.M.....	Department of Buildings, Manhattan
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CALL OF CLERK'S CALENDAR

MONDAY, SEPTEMBER 30, 1935, AT 2 P. M.

Building Zone Cases.

114-35-BZ.	
APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.	
PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.	
APPLICATION, under section 21 of the building zone resolution,	
TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).	
132-35-BZ.	
APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.	
PREMISES—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.	
APPLICATION, under section 21 of the building zone resolution,	
TO PERMIT in a residence district the alteration of an existing frame-business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.	

CALENDAR

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

PREMISES—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

131-35-BZ.

APPLICANT—Otto J. Sambach, for Elizabeth Fahy, owner.

PREMISES—137 Lyman avenue, north side, 44.89 feet east of Tompkins avenue (Block No. 3071, Lot No. 25), Fort Wadsworth, Richmond.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a Coal Pocket.

155-35-BZ.

APPLICANT—Scacchetti & Siegel, for Louise Alma Kaufman, owner.

PREMISES—3215 Grand Concourse, southwest corner of East Van Cortlandt avenue (Block No. 3311, Lot No. 53), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

344-33-BZ.

APPLICANT—Nordlinger, Riegelman & Cooper, for Parkville Amusement Corp., owner.

PREMISES—1048-1072 Ocean parkway, west side 380 feet south of Avenue J (Block No. 5494, Lot Nos. 870 and 872), Brooklyn.

APPLICATION, under sections 7a, 7c and 21, of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment to the resolution of February 23, 1934, as to the conditions imposed therein—re Application granted permitting in a residence district the erection and maintenance of a recreation center.

OCTOBER 1, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 1, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 118-31-BZ—Application of Conroy and Hardy, on behalf of Joseph Zorn, owner, reopened March 5, 1935, under section 21 of the building zone resolution, to permit the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board; premises 2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

CAL. NO. 138-35-BZ—Application, May 28, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Downy Properties, Inc., owner,

to permit partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station; premises 247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

CAL. NO. 154-35-BZ—Application, June 15, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Assets Control Company, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

CAL. NO. 535-32-BZ—Application of William Shary, on behalf of W. Parsons Todd, owner, reopened June 4, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period; premises 2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

CAL. NO. 331-32-BZ—Application of Nordlinger, Riegelman and Cooper, on behalf of Elljane Holding Corporation, owner, reopened June 4, 1935, under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station — previously granted for a temporary period; premises southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 1, 1935, 2 P. M.

Appeals from Administrative Orders.

211-35-A—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

363-31-A—111-17 49th street (Block No. 771, Lot No. 1), Brooklyn.

14-35-A—518 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

147-35-A—71-73 Goerck street (Block No. 328, Lot No. 58), Manhattan.

237-35-A—412-420 East 86th street (Block No. 1565, Lot Nos. 42 to 46), Manhattan.

260-35-A—Center of Park avenue, 115th to 116th streets, Manhattan.

Appliances Submitted for Approval.

243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).

244-35-SA—Woolley Patent Mechanical Oil Burner.

248-35-SA—Acme Type 205 Polarized Vibrating Bells.

249-35-SA—Acme High and Low Water Alarm Tank Switch.

CALENDAR

CALL OF CLERK'S CALENDAR MONDAY, OCTOBER 7, 1935, AT 2 P. M.

Building Zone Cases.

117-35-BZ.

APPLICANT—William J. Wilson, for Rose Bozzi, owner.
PREMISES—122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

228-35-BZ.

APPLICANT—Alfred H. Eccles, for Charles H. Ely, owner.
PREMISES—7613-15 Northern boulevard, north side, 50 feet west of 77th street (Block No. 1172, Lot No. 45), Jackson Heights, Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

328-34-BZ.

APPLICANT—Henry Nordheim and Saul S. Meyers, for Max Mirowitz, owner.
PREMISES—1449 Vyse avenue, west side, 100 feet south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.
APPLICATION, under section 21 of the building zone resolution (reopened May 28, 1935),
TO PERMIT in a residence district the change of occupancy, of an existing building to a garage for more than five (5) motor vehicles.

499-31-BZ.

APPLICANT—Austin W. Magee, for Ernest Reiss, owner.
PREMISES—262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Queens.
APPLICATION, under section 7f of the building zone resolution (reopened April 30, 1935),
TO PERMIT in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period).

84-35-BZ.

APPLICANT—Samuels & Samuels, for Dickel Construction Co., owner.
PREMISES—7704-7712 Jamaica avenue, southside 20.03 feet east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

4-34-BZ.

APPLICANT—Samuel Rosenblum, and Earl I. Gallant, for Josephine J. Schnurmacher, owner.
PREMISES—4025-4029 White Plains avenue, west side, 168.51 feet south of East 228th street (Block No. 4829, Lot No. 11), The Bronx
APPLICATION, under section 21 of the building zone resolution (reopened June 25, 1935),
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn).

127-35-BZ.

APPLICANT—Jacob J. Wollman and Casper P. Colla, for Joseph Angelone, owner.
PREMISES—115-117 Truxton street, north side, 220 feet west of Sackman street (Block No. 1544, Lot No. 45), Brooklyn.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the use of a plot of ground as a junk shop.

168-35-BZ.

APPLICANT—Henry Lichtig, for Spoolan Realty Corp., owner.
PREMISES—841-847 East 149th street, northeast corner of Union avenue (Block No. 2674, Lot Nos. 17, 18, 19 and 20), The Bronx.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the alteration and change of occupancy of part of an existing building from stores to a motor vehicle repair shop.

194-35-BZ.

APPLICANT—William J. Carey, for William J. and May E. Carey, owners.
PREMISES—136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot No. 26), Rosedale, Queens.
APPLICATION, under section 21 of the building zone resolution,
TO PERMIT—in a business district the erection and maintenance of a gasoline service station.

OCTOBER 8, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 8, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935, to change the application to permit an apartment house with stores on 1st story; premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 140-35-BZ—Application, May 29, 1935, under section 21 of the building zone resolution, of Philip Markowitz, applicant, on behalf of Henrietta Fama, owner, to permit in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the building zone resolution; premises 236 Bedford Park boulevard (East 200th street), south side, 25 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

CALENDAR

CAL. NO. 152-35-BZ—Application, June 12, 1935, under section 21 of the building zone resolution, of John Adikes, applicant, on behalf of Jamaica Savings Bank, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

CAL. NO. 195-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Bridget T. Delaney and Richard Delaney, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 8, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, October 8, 1935, at 2 o'clock in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station — re application, granted under section 21 of the building zone resolution permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 203-33-BZ—Application of Lama and Proskauer, on behalf of Borden's Farm Products Company, Inc., owner, reopened September 24, 1935, under section 21 of the building zone resolution, for amendment to permit in a business use district the

extension in area and the maintenance for a period of ten (10) years of a proposed gasoline service station, permission to erect and maintain this station for a period of five (5) years, was previously granted by the board; premises 365-381 Fourth avenue, northeast corner of 6th street (Block No. 987, part of Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, OCTOBER 14, 1935, AT 2 P. M.

Building Zone Cases.

96-35-BZ.

APPLICANT—Matthew W. DelGaudio, for Elmcroft Corp., owner.

PREMISES—1301-1319 Castle Hill avenue and 2171-2181 Westchester avenue, northwest corner (Block No. 3935, Lot No. 1), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

169-20-BZ.

APPLICANT—William F. Regan, for Karl C. Hermon, owner.

PREMISES—1617-1627 Neptune avenue and 3127-3131 Cropsey avenue, northeast corner (Block No. 6995, Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened June 25, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station (in lieu of a garage for more than five (5) motor vehicles previously granted by the board).

594-29-BZ.

APPLICANT—Benjamin Millstein, for Morey Motors, Inc., owner.

PREMISES—5812-22 Bay parkway, and 2177-83 59th street, northwest corner (Block No. 5508, Lot No. 44), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened February 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously denied by the board; reopened under new facts).

198-35-BZ.

APPLICANT—Abraham Farber, for Lena Cohen and Aaron Cohen, owners.

PREMISES—1314 41st street, south side, 85 feet east of 13th avenue (Block No. 5594, Lot No. 10), Brooklyn.

APPLICATION, under sections 7b and 7c of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the alteration and change of occupancy of part of an existing building to a business use (store).

203-35-BZ.

APPLICANT—Samuels & Samuels, for Charles Kuegerl, owner.

PREMISES—Southeast corner of Hillside avenue and 260th street (Block No. 4536, Lot No. 30), Queens Village, Queens.

APPLICATION, under section 21 of the building zone resolution,

CALENDAR

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

112-35-BZ.

APPLICANT—Philip Wolfson, for Giuseppa Genco, owner.

PREMISES—115-60 Merrick road, 172-01 116th avenue and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop.

145-35-BZ.

APPLICANT—Lama & Proskauer, for Charles Ginsberg and Max Chesnoff, owners.

PREMISES—105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

212-35-BZ.

APPLICANT—Thomas W. Lamb, Inc., for Edwin J. Long, owner.

PREMISES—6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

218-35-BZ.

APPLICANT—William Shary, for G. & D. Realty Corp., owner.

PREMISES—2368-2372 Jerome avenue and 2-6 East 184th street, southeast corner (Block No. 3187, Lot No. 25), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of an existing business building so as to include a gasoline service station.

OCTOBER 15, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 15, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

CAL. NO. 477-28-BZ—Application of Scacchetti and Siegel, on behalf of Cabin Holding Corpora-

tion, owner, reopened July 16, 1935, under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre; premises 2029 Grand concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 15, 1935, 2 P. M.

Appeals from Administrative Orders.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

210-35-A—243 West 42nd street (Block No. 1014, Lot No. 12), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, October 15, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

CAL. NO. 1192-23-BZ—Application of Edward Dorf, on behalf of Memorial Realty and Garage Corporation, owner, reopened September 24, 1935, under section 21 of the building zone resolution, for amendment, to permit in a business use district the change of occupancy from a garage for more than five (5) motor vehicles (permission to erect which was granted by the board) to a garage for more than five (5) motor vehicles and a motor vehicle salesroom and repair shop; premises 1864-1876 Coney Island avenue, west side, 200 ft. 5 1/4 in. south of Avenue O (Block No. 6617, Lot No. 17), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, OCTOBER 21, 1935, AT 2 P. M.

Building Zone Cases.

196-35-BZ.

APPLICANT—Elizabeth Scheurer and Anna A. Scheurer, owners.

PREMISES—40-01 23rd drive, northeast corner of Steinway street (avenue); (Block No. 793, Lot No. 26), Astoria, Borough of Queens.

CALENDAR

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

197-35-BZ.

APPLICANT—Scacchetti and Siegel, for Clifford Concourse Corporation, owner.

PREMISES—960 Grand concourse and 180-188 East 164th street, southeast corner (Block No. 2461, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

232-35-BZ.

APPLICANT—Lawrence M. Rothman, for Wolf-Kahn Realty Corporation, lessee (25 years lease).

PREMISES—308-324 East Fordham road, southwest corner of Elm place (Block No. 3023, Lot No. 26), The Bronx.

APPLICATION, under section 7b of the building zone resolution,

TO PERMIT the erection and maintenance of an addition to an existing business building located within a business district, a part of the addition to extend into a residence district.

OCTOBER 22, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 22, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 58-24-BZ—Application of Alfred H. Eccles, on behalf of Queensboro Improvement Company, owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline, so as to include a gasoline service station (in connection with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ); premises 76-19 Northern boulevard (Jackson avenue), northwest corner of 77th street (20th street); (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens.

CAL. NO. 825-27-BZ—Application of Alfred Taffett, on behalf of Richard Morrison, owner, reopened June 18, 1935, under section 21 of the building zone resolution, to permit in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles (previously denied for a gasoline service station); premises southeast corner of Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 12, 1935, 2 P. M.

Appeal from Administrative Order.

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, SEPTEMBER 24, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, September 17, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, September 17, 1935, were approved as printed in Bulletin No. 39, Volume XX.

BUILDING ZONE CASES

101-35-BZ.

APPLICANT—Rose Rothenberg, for Maximilian Realty Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7b and 21 of the building zone resolution, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant).

PREMISES AFFECTED—659 West 179th street, north side, 98 ft. 5 in. east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

APPEARANCES—

For Applicant: Rose Rothenberg and Walter Hesse.

For Opposition: Thomas Keogh, Alexander H. Burgess and William Ho'me.

ACTION OF BOARD—Laid over to October 15, 1935 at 2 p. m., for report of committee on inspection. No further argument.

390-27-BZ.

APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (reopened March 26, 1935).

PREMISES AFFECTED—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: R. S. Hardy.

For Opposition: Herbert Roleke.

ACTION OF BOARD—Laid over to October 15, 1935, at 10 a. m., upon request of applicant.

2-35-BZ.

APPLICANT—Jacob Lubroth, for Mipan Property, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone

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resolution, to permit in a residence district the alteration and change of occupancy of an existing garage for two (2) motor vehicles to a motor vehicle repair shop.

PREMISES AFFECTED—5313-5323 Avenue D and 642-652 East 54th street, northwest corner (Block No. 4774, Lot No. 39), Brooklyn.

APPEARANCES—

For Applicant: None.

For Opposition: None.

ACTION OF BOARD—Application withdrawn upon written request of applicant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative 4
Absent 0

136-35-BZ.

APPLICANT—Morris Braun, for Isidore Rothman, owner.
SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store).

PREMISES AFFECTED—1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), The Bronx.

APPEARANCES—

For Applicant: Morris Braun, Dr. I. S. Tunick, Isidore Rothman, Mrs. Fanny Rothman, William A. Mohr and Jacob Rosenholtz.

For Opposition: I. J. Sikowitt, Sol. A. Cohen and others.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Absent 4
..... 0

THE RESOLUTION—

(136-35-BZ)

WHEREAS, Morris Braun, for Isidore Rothman, owner, filed, May 27, 1935, an application under the building zone resolution to permit in a residence district the alteration and conversion of occupancy of a private one (1) car garage to a business use (store); premises: 1540 East 172nd street, southeast corner of Boynton avenue (Block No. 3774, Lot No. 40), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, September 24, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that East 172nd street is in a residence district; Boynton avenue is in a residence district, and Ward avenue is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 14, 1935, Alt. Application No. 638-1934, reads:

"Proposed alteration and change of occupancy of portion of residence building in residence district to be occupied for business uses (store) is contrary to provisions of building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 25 ft. on East 172nd street and 100 ft. on Boynton avenue; upon the East 172nd street front of the plot there is located a two-story and basement brick tenement, on the south part of the Boynton avenue front of the plot there is located a one-story private garage 10 ft.

by 19 ft. in area; it is proposed to use this one (1) car garage as a store; and

WHEREAS, the board deemed that the applicant did not substantiate his basis of appeal, brought under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

230-35-BZ.

APPLICANT—Walter D. Binger, Deputy Commissioner, Department of Sanitation, for the City of New York, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7c and 7d of the building zone resolution to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a Grit Chamber and a garage for one (1) truck.

PREMISES AFFECTED—169-175 Pleasant avenue and 440 East 110th street, southwest corner (Block No. 1703, Lot Nos. 29 and 31), Manhattan.

APPEARANCES—

For Applicant: Edgar Bromberger and Richard Gould.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative 4
Absent 0

THE RESOLUTION—

(230-35-BZ)

WHEREAS, Walter D. Binger, Deputy Commissioner, Dept. of Sanitation, for the City of New York, owner, filed, August 29, 1935, an application under the building zone resolution to permit partly in a residence district and partly in an unrestricted district the erection and maintenance of a grit chamber and a garage for one (1) truck; premises: 440 East 110th street and 169-175 Pleasant avenue, southwest corner (Block No. 1703, Lot Nos. 29 and 31), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, September 24, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Pleasant avenue is in a residence district; East 110th street is in an unrestricted, and East 109th street is in an unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered August 27, 1935, N. B. 90-1935, reads:

"1. Proposed use of grit chamber and garage in a residence district is contrary to section 3 of the building zone resolution. Reconsideration denied."

and

WHEREAS, the building is to be of fireproof construction, 3 stories in height, with a frontage of 100 ft. 11 in. and a depth of 120 ft. to be occupied as a grit chamber and a garage for one truck; the premises being devoted to a public use and located partly in the unrestricted use district and partly in the residence use district; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 7(c) and 7(d) of the building zone resolution, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under sections

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7(c) and 7(d), permitting the construction and use of the premises and the proposed building, as indicated on plans filed with this appeal, *on condition* that the exterior design of the building shall be approved by the Municipal Art Commission and granted only so long as the building is

used and occupied by the City of New York, as a part of the Ward's Island sewer disposal system.

Adjourned, 12:10 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY AFTERNOON, SEPTEMBER 24, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

55-31-BZ.

APPLICANT—Office of Henry T. Child, for Emma D. Gardiner, present owner.

SUBJECT—Application (re decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration of a garage for the storage of more than five motor vehicles—a garage previously granted by the board—so as to include a gasoline service station.

PREMISES AFFECTED—6401-6411 Fort Hamilton avenue (parkway) and 956-972 64th street (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

APPEARANCES—

For Applicant: Sidney Schleman.

For Opposition: None.

ACTION OF BOARD—Laid over to October 8, 1935, at 2 p. m., upon request of applicant's representative, to file new photographs.

66-28-BZ.

APPLICANT—Adolph Goldberg, for Louisa Heintz and Frieda Heintz, owners.

SUBJECT—Application reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re Application (decision of the superintendent of buildings) granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

APPEARANCES—

For Applicant: Adolph Goldberg.

For Opposition: Chester Baffa and William A. Anslow.

ACTION OF BOARD—Laid over to October 8, 1935, at 2 p. m., applicant to file revised plans with the board.

67-33-BZ.

APPLICANT—Michael Glick, for Harry Weissberg, owner.

SUBJECT—Application for reopening—consideration under section 21—re Application (decision of the superintendent of buildings) granted under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—3900 Baychester avenue and 1225 East 233rd street, northeast corner (Block No. 4955, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Michael Glick.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

424-19-BZ.

APPLICANT—Edwin H. Snackenberg, for Fan Ett Building Company, Inc., owner.

SUBJECT—Application for reopening—amendment—Application (decision of commissioner of buildings) under section 21 of the building zone resolution to permit in a business use district the alteration and conversion of an existing garage for more than five motor vehicles, permission to erect which was granted by the board, to a garage for more than five motor vehicles and a gasoline service station.

PREMISES AFFECTED — 2275-2291 Bedford avenue, northeast corner Albemarle road (Block No. 5110, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Edwin H. Snackenberg.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

829-18-BZ.

APPLICANT—Adelson & Berman, for Mrs. Florence Charlton, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of commissioner of buildings) under section 7-H of the building zone resolution to permit in a business use district the alteration of a number of individual garages for more than five motor vehicles, permission to erect which was granted by the board, to one large garage for more than five motor vehicles and in addition, the parking of more than 5 cars in the vacant space of the plot.

PREMISES AFFECTED—158A Sixteenth street (Block No. 1052, Lot No. 37), Brooklyn.

APPEARANCES—

For Applicant: Irving Adelson.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

MINUTES

1192-23-BZ.

APPLICANT—Edward Dorf, for Memorial Realty & Garage Corp., owner.

SUBJECT—Application for reopening—amendment—re Application (re decision of superintendent of buildings) to permit in a business district the erection and maintenance of a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1864-1876 Coney Island avenue (Block No. 6617, Lot No. 17), Brooklyn.

APPEARANCES—

For Applicant: Edward Dorf.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing, October 15, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

1125-23-BZ.

APPLICANT—Edwin W. Kleinert, for Nesor Service Station, Inc., owner.

SUBJECT—Application for reopening—consideration under new proposition to permit the inclusion of an alcove gasoline service station — re Application, granted, permitting in a business district the erection and maintenance of a garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—Northeast corner of Jerome avenue and East 205th street (Block No. 3322, Lot No. 13), The Bronx.

APPEARANCES—

For Applicant: Edwin W. Kleinert.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

187-29-BZ.

APPLICANT—Herman H. Torborg, for Charles Sutter Estate, Inc., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting, partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—84-02 Linden boulevard, southeast corner of 84th street (Block No. 2282, Lot No. 1), Aqueduct, Borough of Queens.

APPEARANCES—

For Applicant: Herman H. Torborg.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

203-33-BZ.

APPLICANT—Lama and Proskauer, for Borden's Farm Products Company, Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of build-

ings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—365-381 Fourth avenue, northeast corner of 6th street (Block No. 987, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

ACTION OF BOARD—Application reopened and laid over to October 8, 1935, at 2 p. m., applicant to file revised plans.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

510-31-BZ.

APPLICANT—Elizabeth W. Johnston, owner.

SUBJECT—Application for reopening—extension of time and amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2020-2022 Richmond terrace and 2-8 Park avenue, southwest corner (Block No. 1003, Lot No. 26), Port Richmond, Borough of Richmond.

APPEARANCES—

For Applicant: Elizabeth W. Johnston.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

10-32-BZ.

APPLICANT—Martin J. Ort, for Marmion Ave., Corp., owner.

SUBJECT—Application (re decision of the superintendent of buildings) under sections 7A and 7E of the building zone resolution to permit in a business district the extension of an existing garage for more than five motor vehicles.

PREMISES AFFECTED—West side of Southern boulevard, 184.27 ft. south of East 180th street (Block No. 3108, Lot No. 32), The Bronx.

APPEARANCES—

For Applicant: Martin J. Ort.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(10-32-BZ)

WHEREAS, this application affecting premises west side of Southern boulevard, 184.27 ft. south of East 180th street (Block No. 3108, Lot No. 32), The Bronx, was granted by the board April 15, 1932, on certain conditions and applicant requested an extension of the time limit imposed; and

WHEREAS, this application was reopened by vote of the board July 9, 1935, and case set for a public hearing, the time to complete the work having expired; and

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WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting September 24, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the board deemed that the basis of this application under section 7, subdivision E and section 7, subdivision A had been substantiated and conditions were unchanged.

Resolved, that the resolution adopted by the board on April 15, 1932, be and it hereby is amended, only so far as it has reference to obtaining permits and completion of work, so that as amended, this portion of the resolution will read:

"in view of statement by applicant that permits have been obtained, that all work shall be completed within one year from the date of this amended resolution, on condition that other than as amended herein the resolution adopted by the board on April 15, 1932, shall be complied with in all respects."

332-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Kabor Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) reopened July 19, 1935, to permit under section 21 of the building zone resolution, the amendment of a resolution, adopted by the board on November 21, 1933, granting a variance of the building zone resolution for a gasoline service station on condition that stores be erected on a portion of the plot—to omit the stores.

PREMISES AFFECTED—3276 Jerome avenue, southeast corner of Grand concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx.

APPEARANCES—

For Applicant: Leopold A. Halperin.

For Opposition: L. C. Squire, department of parks.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(332-32-BZ)

WHEREAS, this application affecting premises 3276 Jerome avenue, southeast corner of the Grand concourse (Block No. 3323, Lot Nos. 55, 64 and 82), The Bronx, was granted by the board November 21, 1933, on certain conditions, and owner, through his attorneys, requested an amendment of the resolution; and

WHEREAS, this application was reopened by vote of the board July 19, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting September 24, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals.

Resolved, that the resolution adopted by the board on November 21, 1933, be and it hereby is amended, by adding thereto the following provision:

"that the owner may substitute landscaping for the proposed stores and carry through the gasoline station and landscaping simultaneously, prior to the completion of the roadway of the Grand concourse extension, on condition that revised plans shall be submitted to the chairman and approved by him in behalf of the board; that such plans shall carry out all conditions as to the gasoline station as included in the resolution adopted by the board on November 21, 1933, except that the openings in the street line curb and street curb may be increased in width and the street line curb increased

in height and one post standard may be included; that the entire area formerly proposed to be used for store area shall be graded and suitably planted and enclosed on the street lines with an ornamental iron fence; that no signs shall be erected on this area or on the masonry wall permanently separating such area from the gasoline selling area; that the owner will maintain at his own expense the landscaped area to the satisfaction of the commissioner of parks; that nothing herein contained shall prevent the owner, after having installed and maintained this landscaped area from constructing stores hereinbefore permitted, after the roadway of the Grand concourse extension has been completed."

124-35-BZ.

APPLICANT—Samuels and Samuels, for Carl P. Gronbeck, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Queens.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: Edward J. Boylan.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Absent	0

THE RESOLUTION—

(124-35-BZ)

WHEREAS, Samuels and Samuels, for Carl P. Gronbeck, owner, filed, May 17, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises 242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner (Block No. 3865, Lot No. 90), Queens Village, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, September 24, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jamaica avenue is in a business district; 243rd street is in a residence and business district; 242nd street is in a residence and business district; and 93rd avenue is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered April 29, 1935, re App. No. 1255-1935, reads:

"The erection of a gasoline station in a business district is contrary to the zone law (Art. 2, Sec. 4, Subd. 46, Building Zone Resolution).";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100.2 ft. on Jamaica avenue and 87 ft. on 243rd street, upon which it is proposed to erect a one-story office and lubricatory structure, 35 ft. by 23 ft. in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the site under appeal was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing, and which report follows:

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REPORT OF COMMITTEE.

Cal. No. 124-35-BZ.

Premises—242-11 to 242-19 Jamaica avenue and 93-16 to 93-22 243rd street, northwest corner, Queens Village.

This is a vacant corner plot in the business area, approximately 100 ft. x 90 ft., one block south of the intersection of Braddock avenue also known as Rocky Hill road. The southerly side of Jamaica avenue is Nassau County. Braddock avenue and the New York City side of Jamaica avenue are zoned for business use and the intervening area is zoned for residential use and is solidly built up with single family houses. The business area along both sides of Jamaica avenue is partly developed with business uses, more particularly immediately to the east of this plot under appeal and also near the centre of Queens Village to the west. At the intersection of Braddock avenue there are four gasoline stations (only one of which shows on the plan filed) within New York City and five within what might be considered the immediate area in Nassau County.

While, as the board found in the most recent nearby case at 249th street and Jamaica avenue, there appears to be more development on the Nassau County side than on the New York side, there seems to be no basis to account for this or to determine that because of it the vacant plots on the New York side are not now reasonably susceptible of being applied to a conforming use. The committee upon inspection of the site and the surroundings find that the site is reasonably susceptible of being so applied. It appears that this property was acquired about eight years ago, at which time it was stated at the hearing the land in the immediate area was sold at auction. The buyer of this plot is or was a builder. He may not have considered the purchase as speculation. He must have been aware of the zoning restrictions and that a gasoline station had been a prohibited use in business districts since 1925. The depression has perhaps postponed the adaptability of the plot to a conforming use. If that is so, it would be equally true of other corner plots adjacent.

The applicant pleaded that the decision of the Court of Appeals in the St. Albans-Springfield case applies to this plot and that although zoned for business use it could not be used for business purposes for perhaps ten or fifteen years. Also that while the area cannot be considered farm land, that there are sufficient stores. While there may be some truth in there being no demand for more stores, the committee noted that a new store building had recently been erected on Braddock avenue within the area, although not shown on applicant's plans. The owner, however, is not limited to stores. Many other uses are conforming in a business district. The St. Albans-Springfield decision has no application to a built up area such as this. That opinion recites that "the section is in the outskirts of the City of New York in what is still a rural community and farm lands" and "the zoning of farm land is different from the zoning of a city." The applicant does not contend that his plot is in a farm land area. The committee finds it a built up section of the city located between two main highways having no semblance to the farm land area in which the Court of Appeals decided that a beneficial use of property should be permitted until the city grows and develops so that business may be profitably conducted in the neighborhood.

The main trading centre of this locality was stated at the hearing to be at the junction of Jamaica boulevard and Braddock avenue, two blocks to the east. The Court of Appeals could not have intended that the zoning restrictions should be temporarily set aside within such a short distance from a neighborhood trading centre. The Court of Appeals' recent decision in the Arseekay case indicates very clearly in its per curiam

opinion that the St. Albans decision had no such implications.

The committee can find no hardship existing within the meaning of the zoning resolution and not only is of the opinion that the premises can be put to a conforming use but that the present over supply of gas stations in the general section is hindering the development and that another one is not only not needed but would be a further deteriorating influence to the detriment of adjacent property owners.

The committee recommends that this appeal be denied.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application and the board deemed that applicant had failed to substantiate the basis of his application under section 21 of the building zone resolution unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is affirmed and that the application be and it hereby is denied.

81-35-BZ.

APPLICANT—R. T. Schaefer, for Jesse Abrams, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station.

PREMISES AFFECTED—2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: William Barbour, R. T. Schaefer and J. F. Abrams.

For Opposition: H. Engelke and Alfred A. Sherry.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(81-35-BZ)

WHEREAS, R. T. Schaefer, for Jesse Abrams, owner, filed, March 28, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station, an automobile storage garage for more than ten (10) motor vehicles, grease pits and automobile accessory station; premises: 2027-2035 Flatbush avenue, northeast corner of Baughman place (Block No. 7867, Lot No. 1), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, September 24, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Flatbush avenue is in a business district; Baughman place is in a residence and business district and Avenue M is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 11, 1935, re Appl. No. 2079-1935, reads:

"Proposed gasoline service station, automobile storage (garage) for more than 10 cars, grease pits and automobile accessory station, to be located partly in a busi-

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ness use and partly in a residential district, are contrary to Art. II, Sect. 3, Sect. 4a of Zone Resolution.”; and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 94 ft. 3 in. on Flatbush avenue and 111 ft. 11 in. on Baughman place; along the north and east lot lines of the plot it is proposed to erect a series of 10 individual garages, grease pits, office and accessory uses; proposes to use the remainder of the plot as a gasoline service station. An irregular area at the northeast corner of the plot (approximately 2,500 sq. feet) is in the residence district—the remainder is in the business use district; and

WHEREAS, the site under appeal was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE.

Cal. No. 81-35-BZ.

Premises—2027-2035 Flatbush avenue, northeast corner Baughman place, Brooklyn.

This appeal is to permit a gasoline station at the northeast corner of Flatbush avenue and Baughman place. The frontage along Flatbush avenue is generally zoned for business uses for a depth of 100 ft. and to the east and west for residential purposes, and the entire section may be considered solidly built up, this plot under appeal being the only plot not developed on that side of Flatbush avenue for several blocks. The old residence building still stands on the site and occupied by the family who have owned this property for many years. Part of the site overlaps into the residential district.

While the applicant has submitted many consents, those who have objected are mainly the abutting property owners who claim that they would not be benefited by the proposed non-conforming use.

The application calls for a series of private garages and the usual auxiliary buildings for greasing, accessories, charging batteries, and gasoline pumps. While there are some vacant stores in the vicinity, the section as a whole gives the appearance of a prospering business area. Adjacent to this property to the north are stores which appear to be fully rented and to the south there is a gas station at the corner erected prior to zoning and some stores which are now untenanted.

It is the committee's opinion that this proposed site is adaptable to a conforming use and that it is not necessary to permit a gasoline station so as to bring an income from the plot. The owners' difficulty seems to be because of their inability to finance the development. They are facing a foreclosure proceeding in connection with an \$18,000 mortgage, which was placed on the property several years ago, and there is no evidence that any of this mortgage money was used to improve the property. Had it been so used and put into a commercial building on this site, the committee is of the opinion that it would have proved itself a good investment. The committee cannot find that hardship has been proven to justify the board in exercising its discretion to grant the proposed non-conforming use, and recommend that the application be denied.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application and the board deemed that applicant had failed to substantiate the basis of his application under section 7, of subdivision G and section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

340-23-BZ.

APPLICANT—Clarence F. Kaltenbach, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and conversion of a portion of a garage (previously granted by the board) so as to extend an existing gasoline service station erected prior to 1925.

PREMISES AFFECTED—888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Brooklyn.

APPEARANCES—

For Applicant: Clarence F. Kaltenbach

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(340-23-BZ)

WHEREAS, this application affecting premises 888-898 Jamaica avenue and 2-10 Autumn avenue, southwest corner (Block No. 4107, Lot No. 41), Borough of Brooklyn, was granted by the board on certain conditions on December 4, 1923, permitting partly in a business use district and partly in a residence use district the erection of a garage for more than five motor vehicles, this action was amended January 22, 1924, by approval of plans, showing a gasoline service station at one corner of garage building; and

WHEREAS, present owner requested a reopening of the case and an amendment of the resolution to permit the extension of the gasoline service station over a larger area and the case was reopened by vote of the board, November 20, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 28, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jamaica avenue is in a business and residence district; Autumn avenue is in a business and residence district and Hemlock street is in a business and residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 6, 1933, re App. No. 10942-34, reads:

“Extending gasoline service station in a business zone is contrary to Art. 2, Sec. No. 6, of Zone Resolution.”;

and

WHEREAS, the premises consist of a plot of ground having a frontage of 125 ft. 10 in. on Autumn avenue and 105 ft. 5½ in. on Jamaica avenue. This plot is developed with a one-story garage for more than 5 motor vehicles excepting for a segmental shaped area (having a radius of 27 ft. 4 in.) at the northeast corner of the plot which is occupied as a gasoline service station; an irregular area at the southerly part of the plot extends into the residence district for a distance of 25 ft., the remainder is in the business district. It is proposed to remove and relocate part of the wall of the existing garage building and to use the space (thus created) between the relocated walls and the building line of Jamaica avenue as an extension to the existing gas station. The station, as proposed, to have a frontage of 27 ft. 4 in. on Autumn avenue and 60 ft. 4 in. on Jamaica avenue; and

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WHEREAS, the board deemed that the applicant had substantiated his basis of appeal under section 21 of the building zone resolution; and

WHEREAS, the application was granted by the board May 28, 1935, on certain conditions and applicant requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of December 4, 1923, as amended by resolution approving plans adopted January 22, 1924, so as to permit alteration as proposed to the existing building, such alteration to consist of the enlargement of the gasoline selling area, as indicated on plans marked "Received August 27, 1935," *on condition* that this gasoline selling area shall be cement paved and shall be substantially at the level of Autumn and Jamaica avenues; that the wall separating the gasoline selling area from the balance of the garage shall be constructed of brick, as indicated on plans marked "Received August 27, 1935;" there shall be not more than 2 double doors from the gasoline selling station to the garage as indicated; that all windows therein shall be of fireproof frames and sash and glazed with polished wire plate glass, except that the show window into the office, as shown, may be of plate glass, provided the office enclosure is constructed of fireproof materials; that there shall be no open excavation under this gasoline selling area; that no additional curb cuts shall be erected on Autumn avenue other than that now existing and not over two curb cuts on Jamaica avenue not exceeding 20 feet in width each; that no gasoline pumps shall be erected nearer than 10 feet to the street building line; that no portable gasoline pumps shall be used on or from the gasoline selling area; that advertising shall be limited to the illuminated globes of the pumps and to a flat sign attached to the front wall of the garage and to one post standard erected within the building line near the intersection of Jamaica and Autumn avenues, to carry an illuminated sign advertising only the brand of gas on sale and permitting this sign to overhang the building line not over 8 feet; that other than as amended herein the resolution adopted by the board on December 4, 1923, as amended by resolution adopted January 22, 1924, approving plans, shall be complied with in all respects; that all work involved shall be completed within six months from the date of this resolution.

315-33-BZ.

APPLICANT—William J. Russell, for Russand Realty Co., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Astoria avenue and 44th street (Block No. 717, part of Lot No. 29), Astoria, Borough of Queens.

APPEARANCES—

For Applicant: William J. Russell.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(315-33-BZ)

WHEREAS, this application affecting premises southeast corner of Astoria avenue and 44th street (Block No. 717, part of Lot No. 29), Astoria, Borough of Queens, was granted by the board March 13, 1934, on certain conditions and applicant requested an extension of time to obtain permits and complete the work.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on March 13, 1934, only so far as it has reference to obtaining permits and completion of work, so that as amended this portion of the resolution shall read:

"... that all plans shall be filed with the commissioner of buildings within six months and all work shall be completed within one year from the date of this amended resolution *on condition* that the resolution adopted by the board on March 13, 1934, other than as amended herein, shall be complied with in all respects."

984-22-BZ.

APPLICANT—Dora Goldfein, owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a residence district the maintenance of a garage for the storage of three (3) motor vehicles, three (3) spaces rented to persons not residing on the premises.

PREMISES AFFECTED—2379 Tiebout avenue (Block No. 3147, Lot No. 32), The Bronx.

APPEARANCES—

For Applicant: Samuel Goldfein.

ACTION OF BOARD—Application reopened and permit extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND PERMIT—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(984-22-BZ)

WHEREAS, this application, affecting premises 2379 Tiebout avenue (Block No. 3147, Lot No. 32), Borough of The Bronx, was granted by the board at its meeting February 19, 1924, for a temporary period, and this period has been extended from time to time, the last action being October 3, 1933, and applicant requests a further extension.

Resolved, that the resolution of the board adopted on October 6, 1931, be amended, so that as amended, it will read:

"*Resolved*, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted*, under section 21, for a temporary period of two years from October 6, 1935, *on condition* that the requirements set forth in the resolution of the board affecting the same premises, granted under Cal. No. 984-22-BZ, under date of February 19, 1924, shall be complied with in all respects."

74-35-BZ.

APPLICANT—Charles B. Meyers, for Zex Realty Corporation, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of

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buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and also, a gasoline service station.

PREMISES AFFECTED—2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Brooklyn.

APPEARANCES—

For Applicant: William Bernstein, George L. Wills.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(74-35-BZ)

WHEREAS, this application affecting premises 2475-2481 Flatbush avenue, northeast corner of Avenue U (Block No. 8543, Lot No. 3), Borough of Brooklyn, was granted by the board June 18, 1935, on certain conditions and applicant requested an extension of time to submit drawings.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of June 18, 1935, to extend the time within which working drawings shall be submitted, as provided in the resolution, to six months from the date of this amended resolution; on condition that other than as amended herein the resolution adopted by the board on June 18, 1935, shall be complied with in all respects.

717-29-BZ.

APPLICANT—Henry C. Brucker, for The Metz Auto Sales and Laundry Company, Inc., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 7e of the building zone resolution, permitting in a business district the erection and maintenance of a garage for the storage of more than five (5) motor vehicles.

PREMISES AFFECTED—84-94 129th street and 127-15 Metropolitan avenue, northwest corner (Block No. 156, Lot No. 52), Richmond Hill, Borough of Queens.

APPEARANCES—

For Applicant: Adam Metz, Jr.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(717-29-BZ)

WHEREAS, this application affecting premises 84-94 129th street and 127-15 Metropolitan avenue, northwest corner (Block No. 156, Lot No. 52), Richmond Hill, Borough of

Queens, was granted by the board at its meeting March 18, 1930, on certain conditions, and time extended May 12, 1931, September 23, 1932, September 12, 1933, and September 11, 1934, and the applicant requests a further extension of time.

Resolved, that the Board of Standards and Appeals does hereby amend its resolution of May 12, 1931, to extend the time within which to obtain required permits nine months from the date of this action and extending the time within which to complete the work within eighteen months from the date of this amended resolution; that other than as amended herein, the resolution adopted by the board on May 12, 1931, shall be complied with in all respects.

APPEALS FROM ADMINISTRATIVE ORDERS

200-35-A.

APPELLANT—Vincent J. Hand, for Hand and O'Leary, lessees.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

APPEARANCES—

For Appellant: Vincent J. Hand.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to October 15, 1935, at 2 p. m., pending inspection by a committee of the board.

APPELLANT—Modell's Sporting Goods Co., lessee.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—243 West 42nd street (Block No. 1014, Lot No. 12), Manhattan.

APPEARANCES—

For Appellant: Harry Silverman.

For Administration: None.

ACTION OF BOARD—Laid over to October 15, 1935, at 2 p. m., pending inspection by a committee of the board.

344-34-A.

APPELLANT—Sun Klean Chemical Company, Inc., owner.

SUBJECT—Application for reopening—restoration to calendar—re Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

210-35-A.

APPEARANCES—

For Appellant: Samuel R. Buxbaum.

ACTION OF BOARD—Appeal reopened, restored to calendar and set for hearing, November 12, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

202-35-A.

APPELLANT—The Salvation Army, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—532-540 West 46th street (Block No. 1074, Lot No. 49), Manhattan.

APPEARANCES—

For Appellant: Charles H. Wiseman and Julian S. Jacobs.

For Administration: Inspector Meyer, of fire department.

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ACTION OF BOARD—Appeal granted on condition. THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(202-35-A)

WHEREAS, The Salvation Army, owner, filed an appeal from an order of the fire commissioner affecting premises 532-540 West 46th street (Block No. 1074, Lot No. 49), Borough of Manhattan; and

WHEREAS, the order of the fire commissioner, dated June 26, 1935, Order No. 6522-LC, reads:

"With reference to your application dated May 15, 1935, for a permit to store combustible fibre at the above location, I regret to inform you that I am without power to grant such a permit for the reason:

"Section 24-3E, Chapter 12, Code of Ordinances for the prohibits of the issuance of such permit in buildings where paints are stored.

"You are, therefore, hereby ordered to

"1. Discontinue the storage of combustible fibre in excess of one ton on these premises.

"NOTE: Baled material not considered as combustible fibre.";

and

WHEREAS, the building is fireproof, 5 stories in height, 125 feet by 100 feet 5 inches in area; OCCUPIED: cellar, storage and heating, 6 persons; 1st story, garage and storage, 10 persons; 2nd story, offices, 10 persons; 3rd story, storage, 2 persons; 4th story, rag sorting and storage, 20 persons; 5th story, furniture repair and finishing, 25 persons; located within an unrestricted district; and

WHEREAS, applicant claims that not more than one-half ton of loose cotton clippings and garments and one and one-half tons of loose woolen clippings are kept on floors and benches, and one ton of cotton goods and clippings and 3½ tons of woolen goods are stored in cans and bins.

Resolved, that the order of the fire commissioner, No. 6522-LC, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the storage of cotton and woolen clippings on the 4th floor, *on condition* that there shall at all times be a total of not more than 5 tons of such loose material on this floor, which materials shall be stored in cans or bins except not over 1½ tons in process; that such auxiliary fire pails and fire-fighting appliances shall be installed as the administrative official may direct; granted only so long as conditions in the building as stated in the appeal are maintained.

215-35-A.

APPELLANT—J. Edward King, for Third Avenue Railway Co., owner.

SUBJECT—Appeal from an order and decision of the commissioner of buildings.

PREMISES AFFECTED—4065-4079 Tenth avenue, southeast corner of West 218th street (Block No. 2213, Lot No. 6), Manhattan.

APPEARANCES—

For Appellant: Addison B. Scoville and J. Edward King.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Appeal granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(215-35-A)

WHEREAS, J. Edward King, for Third Avenue Railway Company, owner, filed, August 9, 1935, an appeal from an order and decision of the commissioner of buildings affecting premises 4065-4079 Tenth avenue, southeast corner of West 218th street (Block No. 2213, Lot No. 6), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated May 7, 1935, Order No. 21497-F, reads:

"1. Install an approved standpipe system in accordance with the Rules of the Board of Standards and Appeals, Sections 580-1, Article 28, Chapter 5, Code of Ordinances.";

and

WHEREAS, the decision of the commissioner of buildings, dated July 17, 1935, reads:

"In reply to your request in reference to Order 21497-F, you are advised that our records fail to show any prior acceptance of the standpipe system. The present order, therefore, applies unless modified by the Board of Standards and Appeals.";

and

WHEREAS, the building is of structural steel and reinforced concrete construction, brick walls and metal roof, 2 stories in height, 196 feet by 500 feet in area; OCCUPIED as a street-car-barn, about 70 persons; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1895, no certificate of occupancy has been issued; the building occupies the entire block front on the south side of 218th street between 9th and 10 avenues; about 1908, prior to the adoption of any rule requiring standpipes, the owner voluntarily installed a standpipe system fed from a 7,500-gallon pressure tank, 5,000 gallons reserved solely for standpipe purposes and a 1,000-gallon per minute fire pump with an 8-inch suction line from city water main in 9th avenue, manually operated; the building is also equipped with a two source approved dry-pipe sprinkler system fed from a 50,000-gallon gravity tank and from the 1,000-gallon per minute fire pump; the only objection found to the standpipe system is to the size of the hose outlets, there are twenty-one 1½-inch hose outlets instead of ten 2½-inch hose outlets as required by the rules; the applicant contends that during the past 27 years several fires have occurred and in each case the existing equipment has proven adequate.

Resolved, that the order of the commissioner of buildings, No. 21497-F, be and it hereby is *modified* and that the appeal be and it hereby is *granted*, permitting the continuance of the existing standpipe system, *on condition* that this is maintained to the satisfaction of the administrative official; that the sprinkler system shall also be so maintained; and *granted* only so long as the building is used for the present purpose as car barn and not increased in height or area.

VARIATIONS OF LABOR LAW.

191-35-S.

APPLICANT—Salvatore Tocco, owner.

SUBJECT—Variation of the labor law as cited in a decision of the health commissioner.

PREMISES AFFECTED—351 East 114th street (Block No. 1686, Lot No. 22), Manhattan.

APPEARANCES—

For Applicant: Anthony T. Nappi.

For Administration: None.

ACTION OF BOARD—Application granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

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THE RESOLUTION—

(191-35-S)

WHEREAS, Salvatore Tocco, owner, filed, July 8, 1935, an application for a variation from the requirements of the labor law as cited in a decision of the health commissioner affecting premises 351 East 114th street (Block No. 1686, Lot No. 22), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of health, dated May 2, 1935, reads:

"No record available that a bakery was in existence at the same premises prior to 1908. App'l. food—pr Denied.";

and

WHEREAS, the building is non-fireproof, 6 stories in height, 25 feet by 100 feet in area; OCCUPIED: cellar, storage, and bakery; upper stories, 3 living apartments each story; located within a business district; EXITS: an interior iron and marble stairway, extending from the 1st story to roof, enclosed in brick walls with fireproof doors at openings; a fire escape on the front and rear of the building; and

WHEREAS, the applicant claims the building was erected in 1906, under N. B. Plan No. 512 of the Tenement House Department, and N. B. Plan No. 1060 of the Building Department, arranged to be occupied as a bakery in cellar; stores on 1st story and living apartments above; the cellar bakery is 7 feet 11 inches in height, the ceiling is 2 feet above curb level, the bakery floor is 10 inches below the level of adjoining inner court; the bakery is ventilated by means of two windows, each 3 feet by 2 feet, opening to yard and one window 2 feet by 2 feet opening to adjoining yard.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the requirements of the labor law, and that the application be and it hereby is *granted* as to the order of the health commissioner, dated May 2, 1935, permitting the continuance of the existing cellar bakery as long as the existing conditions are maintained and so long as the building is not increased in height or area or altered from its present use; and that the board hereby makes a variation as of this date of the labor law as to section 338 and grants a certificate of exemption permitting the continuance of the operation of the cellar bakery.

227-35-S.

APPLICANT—DeRosa & Cavalieri, for Filomena Anunziatto, owner.

SUBJECT—Variation of the labor law as cited in a decision of the commissioner of health.

PREMISES AFFECTED—299 East 106th street and 2064 2nd avenue, northeast corner (Block No. 1678, Lot No. 1), Manhattan.

APPEARANCES—

For Applicant: George Cavalieri.

For Administration: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(227-35-S)

WHEREAS, DeRosa & Cavalieri, for Filomena Anunziatto, owner, filed, August 26, 1935, an application for a variation from the requirements of the labor law as cited in a decision of the commissioner of health, affecting premises 299 East 106th street and 2064 2nd avenue, northeast corner (Block No. 1678, Lot No. 1), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of health, dated August 6, 1935, reads:

"This is to certify that I have made an inspection of the above mentioned establishment and found the following violations of the Sanitary Code: Re app. for San. Certificate—

"No record of exemption for cellar bakery for the above mentioned premises.

"Discontinue operations until permit is granted.

"I have notified the persons responsible for the conduct of this establishment that a reinspection will be made and if it is found that the violations have not been removed, a summons will be served.";

and

WHEREAS, the building is non-fireproof, 4 stories (45 feet) in height, 25 feet 11 ins. by 75 feet in area at 1st story and 25 feet 11 ins. by 60 feet in area above; OCCUPIED: cellar, bake shop; 1st story, stores; 2nd story, office and one family; 3rd and 4th story, two families each story; located within a business district; EXITS: an interior wooden stairway, extending from the 1st story to top story, enclosed in non-fireproof partitions with wooden doors at openings; a fire escape on the rear of the building, having non-fireproof openings along the course thereof, extending from the 2nd story to the top story, gooseneck ladder to roof and drop ladder to sidewalk; and

WHEREAS, the applicant claims the building was erected in 1885, the cellar bakery has been in existence since prior to January of 1909 and submitted documentary evidence that the cellar bakery was in operation on May 1, 1912, in Alt. Application No. 758 of 1911; the cellar bakery is 8 feet in height, the ceiling is 10 inches above curb level, ventilated by means of two windows, 3 feet by 3 feet, opening to areaways covered by iron gratings at sidewalk level and a sash door leading to the street; there is no court or yard adjacent to the bakery; the present owner purchased the premises in 1924 unaware of the certificate of exemption requirement under section 338 of the labor law; that under the circumstances it would be a hardship if forced to discontinue the operation of the cellar bakery.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the requirements of the labor law, and that the application be and it hereby is *granted*, as to the decision of the commissioner of health, dated August 6, 1935, permitting the continuance of the existing cellar bakery, so long as the general conditions are maintained, and the building is not increased in height or area and its present use and occupancy is maintained, and that the board makes a variation as of this date of the labor law as to section 338 and grants a certificate of exemption permitting the continuance of the operation of the cellar bakery.

APPLIANCES SUBMITTED FOR APPROVAL.

216-35-SA.

APPLICANT—Herman Rodstein, for Vac-O-Vent, owner.

SUBJECT—Vac-O-Vent Fill Box (Pressure and Vacuum Relief), approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of the board for test and report.

236-35-SA.

APPLICANT—Burner-Parts and Service Corp., owner.

SUBJECT—Penn Rotary Oil Burner, approval of.

APPEARANCES—

For Applicant: E. Z. Stauffer.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of the board for test and report.

241-35-SA.

APPLICANT—Carbonic Gas Equipment Co., for P. C. McAbee, owner.

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SUBJECT—Carbonic Gas Equipment Company, Dry Ice Converter, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of the board, for test and report.

139-35-SA.

APPLICANT—Super Oil Heat Company, for Syncro-Flame Burner Corporation, owner.

SUBJECT—Application for reopening—amendment—re Approval of Syncro-Flame Oil Burner, Model RH.

APPEARANCES—

For Applicant: Morton Pannaman.

ACTION OF BOARD—Application reopened, placed on reserve calendar, referred to engineer of the board, for test and report.

THE VOTE TO REOPEN—

Affirmative Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

294-34-SA.

APPLICANT—Ansonia Fire Prevention Engineering Co., Inc., for N. Dickstein Co., Inc., owner.

SUBJECT—Application for reopening—amendment of resolution—Prestomatic Oil Burner.

APPEARANCES—

For Applicant: Herman E. Horwood.

ACTION OF BOARD—Application reopened and referred to engineer of the board, for test and report.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

670-30-SA.

APPLICANT—John E. Nesbitt, for Laco Oil Burner Co., owner.

SUBJECT—Laco Oil Burner—Model NL—approval of.

APPEARANCES—

For Applicant: John E. Nesbitt.

ACTION OF BOARD—Application reopened and said reopening rescinded.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO RESCIND REOPENING—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

226-33-SA.

APPLICANT—John E. Nesbitt, Vice-President of Century Appliance Co., Inc., for Laco Oil Burner Co., owner.

SUBJECT—Application for reopening—change of name of Laco Oil Burner (Models F, JF, BF and D), to Nesbitt Oil Burner.

APPEARANCES—

For Applicant: John E. Nesbitt.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(226-33-SA)

WHEREAS, this application for approval of the Laco Oil Burner, Models F, JF, BF and D was granted by the board July 18, 1933, on certain conditions; and

WHEREAS, the manufacturer now requests permission to market this burner under the name Nesbitt Oil Burner, Models F, JF, BF and D.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Laco Oil Burners, Models F, JF, BF and D for use in domestic, commercial and industrial installations, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and for use with oil not heavier than No. 4; that the above models of this burner may also be marketed under the name of the "Nesbitt Oil Burner, Models F, JF, BF and D," on condition that under which ever name marketed, each burner shall bear a permanently affixed label, reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 226-33-SA.

29-35-SA.

APPLICANT—The Aetna Oil Burner Co., owner.

SUBJECT—Aetna Range Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(29-35-SA)

WHEREAS, The Aetna Oil Burner Co., owner, filed, February 1, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Aetna Range Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was installed in an ordinary type kitchen range used for heating and cooking purposes. The burner is made of cast iron having two concentric pairs of rings; mounted upon these rings are four cylindrical shells made of perforated chromium steel, having a chromium content of 18 to 20 per cent. The outside diameters of the shells are 6 5/8 inches. The carbon leg and inlet port are located in the center of the casting. Each burner base is mounted upon an individual pedestal, having two levelling screws and a

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bolt for fastening same to the ash pit of the range. A pressed steel cover fits tightly over the top of the shells.

The oil supply is from either a two-gallon glass bottle, equipped with a metal jacket having two handles on it, or from a metal tank of three-gallon capacity. The oil reservoir into which the bottle or tank sets is made of pressed steel 8½ by 3½. This reservoir is mounted upon a substantial iron pedestal having three openings by which it may be fastened securely to the floor.

The flow of the oil to the burner is controlled by needle point type metering valves made of forced brass by the Aetna Burner Company. The reservoir is equipped with an air vent which prevents flooding and is of such a depth that neither the tank nor bottle may be tipped nor knocked over.

The operating principles involved in this burner were tested and found all the mechanism to function as designed.

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction card, and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as the Aetna Range Oil Burner, for use in domestic installations when installed in accordance with the oil burner rules of the Board of Standards and Appeals and the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floor or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the firebox door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least ½ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 29-35-SA

Only An Approved Safety Can Shall Be Used In Filling This Storage Container.

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner shall, within 48 hours of each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

160-35-SA.

APPLICANT—Wm. V. McDevit, for Automatic Products Co., owner.

SUBJECT—Automatic Products Co. Constant Level Oil Burner Controls, Models 73B, 77, 261 and Model 240, Types (MAM), (MAE), (MAW), (BM), (U-nr), (P), (E), and (W-er 1), approval of.

APPEARANCES—

For Applicant: William V. McDevit.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(160-35-SA)

WHEREAS, Wm. V. McDevit, for the Automatic Products Co., owner, filed, June 19, 1935, an application with the Board of Standards and Appeals for approval of their devices known as Automatic Products Co. Constant Level Oil Burner Controls, Models 73B, 77, 261 and Model 240, Types MAM, MAE, MAW, BM, U-nr, P, E, and W-er 1; and

WHEREAS, the devices were submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

General Character and Use:

These units are primarily designed as a constant level device containing a shut-off valve which may be actuated by either of two float mechanisms. The regulating float functions to maintain a constant level of oil in the chamber. The unit is equipped with a safety float which operates only in case of failure of the regulating float or improper seating of the needle to cause a weighted lever to drop on the valve cutting off further flow of oil.

All these devices being used as auxiliary equipment include an integral strainer and metering valve, which may be either automatic or manual. Where an automatic metering valve is used, it is actuated by a mechanical thermostat inserted in the water tank and influenced in operation by temperature changes of the water in the tank or by an electric relay adjustment actuated by a thermostat.

The bodies of these controls are cast from a chemical composition known as Zamak No. 5—die cast zinc with walls of 3/32 in. in thickness. The floats are of brass and the levers are of stainless steel.

TYPE 240 MAM

This type is a manually operated constant level valve and is furnished with a one-hand metering valve which consists of a brass stem extending down through the cover and threaded into a recess located in the lower part of the float chamber. It is equipped with a dial plate which facilitates the correct location for the

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pointer hand. The control is for use of No. 1 oil in pot type gravity feed oil burners, range burners, water heaters and similar types of oil fired equipment.

TYPE 240 MAE

This control is, as far as the housing, floats, etc., are concerned the same as Type 240 MAM, with the exception that the metering valve is operated electrically by a room thermostat, pressure switch or hot water limit control. The electric control is mounted on top of the valve body and is protected by a tight-fitting cover.

TYPE 240 E (AP)

This control differs only from the above in the shape of the housing used. It is an electrically controlled level and metering valve.

TYPE 240 (MAW)

This control is made in the same manner and along the same principles as the Type 240 MAE, with the exception that the flow of the oil, instead of being electrically controlled, is controlled by means of a mechanical mechanism. Model No. 261 thermostat is threaded into the hot water heater and is capable of being adjusted from 125 to 150° F. This thermostat consists of a metal bulb containing a special fluid under vacuum. When this fluid expands it actuates a sylphon bellows, which in turn operates a series of levers, thereby operating the metering valve with a snap action.

TYPE 240 BM

This metering and constant level valve is of the same construction and design as the 240 MAW mentioned above, with the exception that there is no snap action to the thermostat and it is limited to 180° F. The only difference between this control and the one mentioned above is the fact that the housing is differently shaped and there is a different type of reset lever.

TYPE 240 U-nr

This is the simplest of these controls and is exactly the same as No. 240 MAM except for the shape of the housing. It is manually operated and has a manual reset lever.

TYPE 240 P

This control is exactly the same as No. 240 U-nr, described in preceding paragraph, with the exception that it has no metering device and is made for the Perfection Stove Company to fit their Superflex Oil Burner.

TYPE 240 W-er 1

This control is a constant level valve with two floats and the same safety features as described in the opening paragraph. However, there is a metering valve stem which regulates the flow of oil to the burner. This consists of an expansion tube held at the bottom of the immersion well by a spring. This well is placed in the side of the heater and as the water is heated the expansion tube increases the pressure in the bellows located on top of the control valve housing. This movement in turn forces down the lever on an arm which in turn closes the metering valve, thereby cutting off the flow of oil to the burner when there is a

rise of temperature in the heater. As the water cools, the reverse action takes place and allows the bellows to come up. The adjusting spring forces one end of the lever down, which in turn raises the metering valve needle and permits oil to flow to the burner.

No. 261 THERMOSTAT

This thermostat consists of a metal bulb containing a special fluid under vacuum, which, when heated, expands and actuates a sylphon bellows which operates a series of levers, thereby operating a metering valve with a snap action. The lever mechanism is housed in an aluminum die-cast box covered with the same material. This thermostat is used in connection with the operation of the Type 240 MAW constant level and control valve.

No. 73 B—SHUT-OFF SELONOID

This is designed primarily for use in gravity feed oil burners used for the generation of heat by means of steam, hot water or hot air where intermittent operation is required. It is designed to prevent an abnormal supply of oil to the burner and serves also as a high and low flame control. It is also designed to shut off the flow of oil in case of power failure. It cannot be used on pressures exceeding 15 pounds per square inch. When required, it is equipped with a by-pass and metering valve. The plunger of this valve is energized by the constant current and opens the needle valve to allow the flow of oil and shutting off the valve when the electric current is shut off. Normally, the needle valve is in a closed position.

No. 77 DUPLEX OIL SHUT-OFF SELONOID

The use of this valve is identical with that of No. 73 B. However, this selonoid is provided with a metering device. When in operation, it is actuated by two selonoid coils which hold the needle valve in the open position. The object of the No. 77 Duplex is to provide additional safety, as there are two valves, plungers, coils, etc., and constant current is required to energize the selonoid coils and raise the impact plunger valve needle.

The operating principles involved were tested in the above described series of controls and regulating valves, and found that upon numerous tests they functioned as designed. At no time were these controls forced to supply oil in excess of that to which they were set to burner mechanism. As a result of the above inspection and test, it is recommended that these controls be approved for installation and use as required under the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on July 12, 1935.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Automatic Products Co. Constant Level Oil Burner Controls, Models 73 B, 77, 261, and Model 240, Types MAM, MAE, MAW, BM, U-nr, P, E, and W-er 1, when installed in accordance with the oil burner rules of the Board of Standards and Appeals.

Adjourned, 4:25 p. m.

EDWARD V. BARTON, Chief Clerk.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals June 15, 1934, as Amended July 12, 1935, and as Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS: Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

CONTROLS: Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS: Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND: An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS: Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp.	Gr.	(A. P. I.)	40-44°
No. 1	Fuel Oil	"	"	"	36-40°
No. 2	"	"	"	"	32-36°
No. 3	"	"	"	"	28-32°
No. 4	"	"	"	"	24°+
No. 5	"	"	"	"	18°+
No. 6	"	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 33 in

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material. All such tanks shall be electrically grounded.

(e) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

Correction—paragraph (d) eliminated, covered by Rule 5, section 1 and Rule 10, section 3; paragraph (e) change to (d) and portion, covering thickness of shell, eliminated, covered by Rule 5, section 1; paragraph (f) change to (e).

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "
If distant 50 feet.....	48,000 "
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

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Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimensions of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

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Published at request of the Fire Chief and Commissioner

SPECIFICATIONS FOR TANK TRUCKS

To be used in the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, in accordance with the provisions of Section 113, Article 8, Chapter 10 of the Code of Ordinances, effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, storage or use within the city any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester, except in a tank truck for which a permit has been granted by the Fire Chief and Commissioner. (Sec. 113, Art. 8, Chap. 10.)
- 1.2. . . A permit is required for each tank truck for the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester. (Sec. 113, Art. 8, Chap. 10, C. of O.)
- 1.3. . . Application for a permit shall be made on forms prescribed by said Fire Chief and Commissioner and shall contain such information as he shall require. (Sec. 20, Art. 2, Chap. 10, C. of O.)
- 1.4. . . Unless otherwise provided every permit for a tank truck and the renewal thereof, shall be for a period determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Sec. 26, Art. 2, Chap. 10, C. of O.)
- 1.5. . . The permit is revocable and not transferable and in case of a change of ownership of the truck, the new owner shall obtain a new permit. Fee \$10.00 for each truck. (Sec. 43, Art. 3, Chap. 10, C. of O.)
- 1.6. . . Complete specifications of the truck, with detail construction drawings showing plan and elevation of the tank, also carrying capacity of the chassis, shall be filed. This section will not apply to existing equipment.

RESPONSIBLE PERSON

- Sec. 2.1. . . Each tank truck for which a permit has been issued shall be under the control and supervision of a responsible person.

GRAVITY TANK TRUCK

- Sec. 3.1. . . The term gravity tank truck when used in these tank truck specifications shall be a steel tank mounted on either a motor driven or horse drawn vehicle, in which the contents shall be any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, and is drawn off through an opening or openings in the bottom of the tank whether by natural gravity flow or actuated by some mechanical means.

TANK CAPACITY

- Sec. 4.1. . . The total carrying capacity of the tank shall not exceed twenty-five hundred (2500) gallons, except that heavy oils, (Numbers 5 and 6) may be carried in a tank of not more than three thousand (3,000) gallons capacity.

- 4.2. . . The total capacity of any one compartment shall not exceed six hundred gallons (600), except that heavy oils numbers 5 and 6 may be carried in a three thousand gallon compartment.

NOTE: See U. S. Dept. of Commerce Fuel Oil Standards CS12-33.

4.3. . .

Grade	Flash Point	
	Minimum	Maximum
No. 1. (A distillate oil for use in burners requiring a volatile fuel)	110° F.	165° F.
No. 2. (A distillate oil for use in burners requiring a moderately volatile fuel)	125° F.	190° F.
No. 3. (A distillate oil for use in burners requiring a low viscosity fuel) ..	150° F.	200° F.
No. 4. (An oil for use in burners requiring low viscosity fuel)	150° F.	
No. 5 (An oil for use in burners permitting a medium viscosity fuel. (Bunker B, Federal specification, 2d)	150° F.	
No. 6. (An oil for use in burners permitting a high viscosity fuel. (Bunker C, Federal specification, 2d)	150° F.	

TANK CONSTRUCTION

- Sec. 5.1. . . The tank shall be a rigid all steel structure, open hearth or blue annealed steel throughout, in accordance with the following table. Wrapper sheets shall be installed with longitudinal seams near the top. All joints shall be welded. The joints shall be welded (continuous) both inside and outside and shall be of full 45 degree fillet, except in double bulk head construction one-side welding only.

- 5.2. . . All gauges specified are U. S. Standard and apply to either single or double head construction.

Tanks of not more than 600 gallons capacity
—12 gauge shell—12 gauge head

Tanks of over 600 gallons and not more than 1200 gallons capacity—10 gauge shell—10 gauge head

Tanks over 1200 gallons and not more than 3000 gallons capacity—

400 gallon compartment and under 10 gauge shell—10 gauge head

RULES

over 400 gallon compartment and not more than 600 gallon compartment—10 gauge shell—8 gauge head
for compartments over 600 gallon to carry 5 and 6 oils—8 gauge shell—8 gauge head
Tank capacities to conform to sections 4.1 and 4.2 of these specifications.

No permit shall be granted to a tank truck using a tank of lighter construction than above specified after July 1, 1937.

Sec. 5.3. . . Material other than open-hearth or blue annealed steels may be used if in thicknesses and designs that will give tank strengths and rigidities not less than those of the steels described and which have an equal or higher melting point.

5.4. . . All existing welded and riveted tanks will be accepted, if free from ruptures, defects and leakage.

CAPACITY INDICATOR

Sec. 6.1. . . Adjustable indicator or gauging device shall be placed in each filler opening so set as to allow three-fourths of a gallon to each one hundred (100) gallons for expansion. Total shall not be above indicator level. Indicator shall be sealed. The installation of indicators as above described, not required on existing equipment.

RELIEF VENTS

Sec. 7.1. . . Each compartment shall be provided with a breather vent. The vent shall be of the normally closed pressure controlling type, except for oils known as Numbers 5 and 6.

7.2. . . Vents of the enclosed type shall relieve at not more than five (5) pounds pressure, except for oils Numbers 5 and 6. All vents shall be provided with a 20 x 20 mesh non-corrodible wire screen.

7.3. . . Vents shall have a through area as below specified and shall be provided as follows:
3/4" diameter vent when 2" drawoff pipe is used
3/4" diameter vent when 2 1/2" drawoff pipe is used
1" diameter vent when 3" drawoff pipe is used
1 1/2" diameter vent when 4" drawoff pipe is used
1 1/2" diameter vent when 6" drawoff pipe is used

COVERS

Sec. 8.1. . . Manhole and filler openings shall be made gas and liquid tight with a hinged cover.

TEST

Sec. 9.1. . . Each compartment shall show no signs of leakage; hydrostatic test of 5 pounds per square inch will be made on demand of the Fire Chief and Commissioner.

INSIDE EMERGENCY VALVES

Sec. 10.1. . . An inside emergency valve (except compartments of one hundred and fifty (150) gallons or less) shall be provided at the outlet orifice from each compartment and shall be kept closed except during delivery

or discharging operation. Except for tanks containing Nos. 5 or 6 oil, the valve shall be of the quick closing type and arranged to close with the flow of liquid and shall be installed independent of the outside pipe connections or with a shear section which will break under strain. There shall be no stuffing box below the liquid level. In tanks containing numbers 5 or 6 oil, the valve may be either of the quick closing or of the screw type.

OUTSIDE PIPING AND VALVES

Sec. 11.1. . . Each compartment or tank shall be emptied by means of gravity or by pump or both, or if so desired, the syphon type of truck as approved for gasoline, may be used.

11.2. . . When pump is used, it shall be provided with a sealed means of bypassing so designed and set that it will not deliver more than 25 gallons per minute through a 1 1/4 inch delivery hose and not more than 50 gallons per minute when using a delivery hose not exceeding 2 inches in diameter when delivering fuel oils Numbers 1, 2, 3 and 4 as specified under Section 4.3 of these Specifications. Provisions shall be made for a pressure gauge on the discharge side of the pump. Grounded flexible hose of not more than 24 inches in length may be used between the pump and the suction end of the discharged piping.

11.3. . . On tank semi-trailer equipment which is a vehicle of the trailer type (upon which is mounted a tank) having one or more axles and two or more wheels so designed and used in conjunction with a motor vehicle that some part of its own weight and that of its own load rests upon or is carried by another vehicle, grounded flexible hose not exceeding six (6) feet in length, shall be used to connect the piping on the motor vehicle to the piping on the tank semi-trailer.

11.4. . . Piping shall be connected to the bottom of the tank, either by having the wrapper sheet flanged and special connections welded thereto, or by heavy pipe flanges welded both inside and outside to the wrapper sheet when screwed piping is used (valves excepted) the joints shall be either welded, brazed or cemented for tightness.

11.5. . . Piping shall be supported from the tank or tank structure. Rear and side outlet valves shall be protected by rear bumper or on the side by the steel running boards. Hose shall not exceed 100 feet in length.

MOUNTING

Sec. 12.1. . . Each tank shall be substantially supported by iron or pressed steel cradles or steel bolsters. The tank shall be secured to the bolsters or cradles either by welding or by approved metal straps.

12.2. . . If a wooden sill is used the hold-down bracket must be so designed that both the "U" bolts which fasten the sill to the chassis frame, and the hold-down bands which hold the tank to the cradle, become a part of the same bracket assembly, so that there will always be a metal connection between tank and chassis. The sills must be so anchored as to prevent any longitudinal movement of the tank structure relative to the chassis frame.

RULES

BUMPERS

- Sec. 13.1. . . A substantial steel bumper shall be provided at the rear, so designed as to protect the rear of each tank and the discharge valves from injury.
- 13.2. . . Bumpers shall be permanently secured to the chassis frame and in such a manner as to provide protection for the rear of the tank and the discharge valves.

BUCKET BOXES & RUNNING BOARDS

- Sec. 14.1. . . Bucket boxes when used must be of metal construction not lighter than 14 U. S. Standard gauge—must be a permanent part of the tank structure and provided with drainage and ventilation through the bottom. Hard wood lining may be used to prevent sparking. All steel running boards shall be provided and shall not extend beyond the maximum width of the chassis. The over-all width of the assembled tank truck shall not exceed the State limitations. All rags or cotton waste shall be kept in a covered metal box.
- 14.2. . . Running boards constructed of wood if in good condition shall be accepted on existing equipment.

WIRING

- Sec. 15.1. . . All wires from rear of the cab to the rear of the tank shall be located in rigid iron, flexible steel conduit, armored cable, or approved metal conduit with water tight connections.
- 15.2. . . The tail light shall be mounted at the level of the top of the tank, on the left side rear.

SMOKING

- Sec. 16.1. . . Smoking on a tank truck is prohibited at all times.

CHASSIS WEIGHT

- Sec. 17.1. . . The net chassis weight without accessories, such as cab, spare tire, water, gasoline, front and rear bumpers, etc., shall weigh not less than the percentage of the gross weight when fully loaded and completely equipped as follows:

For tanks	0	to	600	gallons—	25%
"	"	601	"	1250	" —30%
"	"	1251	"	3000	" —28%

When tractor-semi-trailer equipment is used, the net chassis weight shall include both the tractor and semi-trailer chassis.

EXAMPLE

- 17.2. . . Weight of Chassis (stripped) . . . 9245 lbs.
- | | | | |
|---|---|--|------------|
| " | " | Tank (hose reel, etc.) | 5300 lbs. |
| " | " | Fuel oil (1500 gal. at 7.5 per gal.) | 10800 lbs. |
| " | " | Cab | 500 lbs. |
| " | " | Accessories, water, gas, spare tire, etc.) | 485 lbs. |

26330 lbs.

28% of 26,330 lbs. equal 7372 lbs.—minimum weight of chassis acceptable.

- 17.3. . . A chassis to be acceptable must be accompanied by a sworn statement signed by the Chief Engineer of the company manufacturing the chassis, guaranteeing the truck to be safe for the superimposed load. Duplicate chassis may be submitted without individual sworn statements.

- Sec. 17.4. . . A chassis of less weight than specified in Section 17.1 may be accepted if accompanied by a certificate of the manufacturer supported by sworn statement of the Chief Engineer or other technical expert that said chassis is sufficiently strong to carry the superimposed weight for which it is designed, and further that it is of sufficient stability at all times while stationary or in motion in traffic to be a safe vehicle on the highways.

- 17.5. . . The engine exhaust piping shall terminate preferably under the cab. If carried under the tank, it shall terminate not more than one-half the length of the tank from the rear. It shall be protected by a metal shield. The outlet shall be turned downward.

- 17.6. . . The use of any vehicle (upon which is mounted a tank) without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as full tank trailer, is prohibited.

CAB

- Sec. 18.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. Engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab. The filling connection shall preferably be outside the cab. A windshield shall be provided.
- 18.2. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck, in a card holder.

PAINTING AND MARKING

- Sec. 19.1. . . The tank and rear bucket compartment, if any, shall be painted Dark Green; but the chassis, running gear, cab, bonnet or hood of motor, or the wheels may be painted any color suitable to the applicant.
- 19.2. . . The metal permit plate, furnished by the Fire Department at the same time the Fire Department permit is issued, must be securely fastened to the exterior of the cab on the left side of the tank truck and be so displayed during the life of the permit.
- 19.3. . . The registered trade name, or the name of the person, firm or corporation owning or operating the tank truck shall be displayed on both sides of the tank in letters at least three and one-half inches high by one-half inch stroke; it is optional with the distributor to add the name of the product and the firm address.
- 19.4. . . The advertising of any product distributed by the person, firm or corporation operating the tank truck is permitted, but oils having a flashpoint of less than 100° F. when tested in an open cup tester shall not be advertised on any part of the tank truck.

FIRE PROTECTION

- Sec. 20.1. . . Non-freezing fire appliances only shall be carried on tank trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

RULES

CANS

Sec. 21.1. . . Excess storage of the product transported or delivered not exceeding sixty (60) gallons in containers as specified in Section 113, Article 8, Chapter 10, Code of Ordinances, may be carried in the bucket compartments and it is further provided that where a delivery is made in a licensed premise, open measuring cans of a capacity not exceeding ten (10) gallons may be used if same are not left on premises as a storage container.

SPECIFICATIONS FOR PLATFORM TRUCKS

To be used for the transportation or delivery for storage, sale or use within the City, of any petroleum or shale oil, or the liquid products of either, or coal tar in accordance with Sections 113 and 114, Article 8, Chapter 10 of the Code of Ordinances effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, use or storage within the City any petroleum or shale oil, or the liquid products of either, or coal tar without a permit from the Fire Chief and Commissioner. (Sections 113 and 114, Article 8, Chapter 10, Code of Ordinances.)
- 1.2. . . Application for a permit shall be made on forms prescribed by the Fire Chief and Commissioner and shall contain such information as he shall require. (Section 20, Article 2, Chapter 10, Code of Ordinances.)
- 1.3. . . Unless otherwise provided every permit for a rack or stake truck and the renewal thereof, shall be for a period to be determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Section 26, Article 2, Chapter 10, Code of Ordinances.)
- 1.4. . . The permit is revocable, not transferrable and in the case of a change of ownership, the new owner shall obtain a new permit. (Section 43, Article 3, Chapter 10, Code of Ordinances.) Fee Ten (\$10) Dollars for each truck.
- 1.5. . . The metal plate, furnished by the Fire Department at the same time the Fire Department Permit is issued, must be securely fastened to the exterior of the cab on the left side of the truck and be so displayed during the life of the permit.
- 1.6. . . A permit shall be issued only for this type of vehicle for a gross weight of vehicle and load not to exceed a weight in pounds which shall be stated in a certified statement which is filed with the Fire Chief and Commissioner by the manufacturer of the completed chassis.

BODIES

Sec. 2.1. . . Trucks may have any type of body suitable to the applicant, provided it is mounted on a chassis in a workmanlike manner.

CAB

Sec. 3.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. The engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab.

The filling connection shall preferably be outside the cab. A windshield shall be provided.

Sec. 3.2. . . Engine fuel tanks, if attached to chassis frame and located on right side, and not extending beyond the width of the body, shall be accepted if on existing equipment.

WIRING

Sec. 4.1. . . All wiring used on this type of truck shall be kept in a safe condition.

RACKS

- Sec. 5.1. . . If rack compartments are used to hold containers they shall be substantially made and so arranged, when placed in tiers, that the construction of the lower rack compartment will support the weight of the upper rack compartment and the containers.
- 5.2. . . Products shall only be transported or delivered on a truck of this type in containers as specified in Sections 113 and 114 of Article 8 of Chapter 10 of the Code of Ordinances of the City of New York.
- 5.3. . . Containers not exceeding five (5) gallon capacity shall be transported or delivered in a case of a design that will prevent any weight or strain being placed upon the container.
- 5.4. . . Containers as specified in Section 5.2 of these specifications may be stacked in tiers if the rated gross load does not exceed the provisions of Section 1.6 of these specifications.

TRAILERS

Sec. 6.1. . . The use of any vehicle, without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as a full trailer, is prohibited.

PAINTING AND MARKING

- Sec. 7.1. . . The body of this type of truck may be painted any color suitable to the applicant.
- 7.2. . . The registered trade name or the name of the person, firm or corporation operating this type of truck shall be displayed on both sides of the truck in letters at least two inches in height by one-quarter inch stroke.

FIRE PROTECTION

Sec. 8.1. . . Non-freezing fire appliances only shall be carried on these trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

SMOKING

Sec. 9.1. . . Smoking on a truck while transporting or delivering any oils or liquids requiring a permit from the Fire Chief and Commissioner is prohibited.

RAGS

Sec. 10.1. . . All rags or cotton waste shall be kept in a covered metal box.

INSPECTION CARD

Sec. 11.1. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck in a card-holder.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Rules.

281-22-SR—Proposed Amendment to "Standpipe"—"Fireline Rules.

Administrative Applications.

299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.

19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.

20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.

21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.

22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.

201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval

938-22-SA—Johnson Improved Rotary Fuel Oil Burner.

1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R.

380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".

359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.

568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.

209-32-SA—Crocker 4-inch Siamese.

237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.

528-32-SA—Weldon Extinguisher.

23-33-SA—Sunrex Range Oil Burner.

98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.

164-33-SA—Firemaster Fire Extinguisher.

218-33-SA—Presto Gas Pressing Machine Burner No. 10.

32-34-SA—Super Oil Burner for Pressing Machine.

77-34-SA—Packard Fuel Oil Burner.

128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).

156-34-SA—Allen's Siamese Connections for Fire Department use.

165-34-SA—Rose Oil Heater.

203-34-SA—King Oil Burner.

205-34-SA—Automatic Firetox Extinguisher.

224-34-SA—Progressive Press Machine Oil Burner.

234-34-SA—Bland Range Oil Burner.

294-34-SA—Prestomatic Oil Burner.

300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.

301-34-SM—"Radbur" Flameproofing Compound.

321-34-SA—Shawmut "Junior" Range Burner.

322-34-SA—Shawmut "DeLuxe" Range Burner.

325-34-SA—Diamond Range Oil Burner.

356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.

7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).

11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.

30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.

39-35-SA—De Bothezat Bifurcator (for Paint Spraying).

43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.

47-35-SA—Ace Rotary Oil Burner.

51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.

58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.

65-35-SA—Viking Range Water Heater, Models 222, 232, 242, 210 and 215.

97-35-SA—Roper Rotary Pump for Fuel Oil.

113-35-SA—Ryan Marvel Oil Burner, Model M.

133-35-SA—Monarch Industrial Oil Burner.

135-35-SA—Loyalty Conversion Hot Water Heater.

139-35-SA—Syncro-Flame Oil Burner, Model RH.

156-35-SA—Gillespie Elevator Shaft Door Switch.

157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.

158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.

159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.

163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.

165-35-SA—Serv-Well Range Oil Burner, Models 27B and 27T.

166-35-SA—Serv-Well Space Heater, Models 247T and 248.

167-35-SA—Serv-Well Water Heater, Models 255A and 255B.

171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.

172-35-SA—Florence Oil Space Heater, Models PH-28 and PH-8.

175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.

177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.

179-35-SA—Lonergan Automatic Hot Water Heater with Tank.

180-35-SA—Majestic Range Oil Burner, Models 27B and 27T.

181-35-SA—Majestic Space Heater, Models 247T and 248.

182-35-SA—Majestic Water Heater, Models 255A and 255B.

189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.

190-35-SA—Air-O-Flame Space Heater, Pot Type, Models 808, 810 and 108.

204-35-SA—Rhode Island Fill Box for Fuel Oil.

206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.

207-35-SA—Cole's Blast Oil Burning Heating Stove.

208-35-SA—Oceco Rotary Pump for Petroleum Products.

213-35-SA—Preferred Fill Box.

214-35-SA—Simplex Terminal Fill Box.

216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).

217-35-SA—Brigham Oil Burner.

219-35-SA—United Copper Service Pipe.

222-35-SA—United States Pressure Burner.

223-35-SA—Newbury Fill Caps for fuel oil.

226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.

229-35-SA—Hardinge Gun Type Oil Burner, Model 25.

231-35-SA—Sealtite Fill Cap for fuel oil.

233-35-SA—Odine Beautyheater (Space Heater).

236-35-SA—Penn Rotary Oil Burner.

241-35-SA—Carbonic Gas Equipment Company Dry Ice Converter.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	28
Cases filed up to September 25, 1935	254	Dismissed	13
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		Granted on condition	146
		Appliances approved	59
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		Rules approved	2
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	293	Requests to reopen granted	268
Requests to amend	108	Requests to reopen denied	5
Requests for modification	0	Requests to amend granted	108
Requests to rescind	6	Requests to amend denied	0
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Requests for extension of permit	8	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	6
Requests for approval of plans	8	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	47
Requests for interpretation	0	Requests for extension of time denied	0
Total	989	Requests for extension of permit granted	8
Disposed of	798	Requests for extension of permit denied	0
Cases pending September 25, 1935	191	Requests to install granted	0
		Requests to install denied	0
		Plans approved	8
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	20
		Total	798

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

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Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

OCTOBER 8, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 41

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

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CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

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TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, October 1, 1935, at 2 P. M.

Third Quarterly Report.

Plumbing Rules.

Concrete Rules (Hydrated Lime).

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, October 7, 1935, at 2 o'clock*. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, October 14, 1935, at 2 o'clock*.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

New Cases Filed Up to October 2, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
265-35-SA....	F.D.....	French Automatic Oil Burner, DeLuxe Model 5, Appliance.
264-35-SA....	F.D.....	Perfect Automatic Oil Burner, Models O-5, O-7, O-8, O-10, DL-7, DL-8 and DL-10, Appliance.
263-35-SA....	F.D.....	Ker-Oil Automatic Water Heater, Appliance.
262-35-SR....	F.D.....	Rules for Solid CO ² (Dry Ice) Liquefiers, Rules.
261-35-A....	F.D.....	6902-6912 4th avenue, southwest corner of Bay Ridge avenue (Block 5872, Lot 42), Brooklyn, 66190-LC.
260-35-A....	D.B.M....	Center of Park avenue from 115th street to 116th street, Manhattan, Applic. 147-35.
259-35-BZ....	D.B.Q....	107-23 Astoria boulevard, northwest corner of 31st drive (Block 1676, Lot 33), Corona, Queens, Applic. 3715-35.
258-35-BZ....	D.B.Q....	2120-24 Menahan street (Block 3373, Lot 18), Ridgewood, Queens, Applic. 6681-35.
257-35-A....	D.B.B....	15, 17, 19, 25 and 27 North Oxford street (Block 2029, Lots 9 and 10), Brooklyn, 5351-F.
256-35-A....	F.D.....	416 Marcy avenue, southwest corner of Walton street (Block 2244, Lot 36), Brooklyn, 66728-LC.
255-35-BZ....	D.B.M....	1301-1309 Park avenue, and 1552-1560 Lexington avenue, northwest corner of East 99th street (Block 1627, (west), south part of Lot 1), Manhattan, Applic. 2502-35.
<i>Restored to Calendar.</i>		
122-31-BZ....	D.B.Q....	141-09 Lincoln avenue, northwest corner of 142nd street (Block 1122, Lot 134), Jamaica, Queens. Alt. 733-31.
272-30-BZ....	D.B.B....	440-446 Utica avenue, 872-884 Empire boulevard and 923-943 East New York avenue (Block 1430, Lot 34), Brooklyn, Applic. 14291-33.
28-35-A....	D.B.M....	601-649 West 26th street, 600-652 West 27th street, 200-214 13th avenue and 245-259 11th avenue (Block 672, Lot 1), Manhattan. F. P. Applic. 42-35.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

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Fireline Hose Valves.....	Sep.	24, 1935—Vol. 20, No. 39
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Paint, Varnish and Lacquer Spray-ing Equipment.....	Nov.	27, 1934—Vol. 19, No. 48
Range Oil Burners and Space Heaters	Sep.	17, 1935—Vol. 20, No. 38

CALL OF CLERK'S CALENDAR MONDAY, OCTOBER 7, 1935, AT 2 P. M.

Building Zone Cases.

117-35-BZ.

APPLICANT—William J. Wilson, for Rose Bozzi, owner.
PREMISES—122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Queens.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

228-35-BZ.

APPLICANT—Alfred H. Eccles, for Charles H. Ely, owner.
PREMISES—7613-15 Northern boulevard, north side, 50 feet west of 77th street (Block No. 1172, Lot No. 45), Jackson Heights, Queens.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

328-34-BZ.

APPLICANT—Henry Nordheim and Saul S. Meyers, for Max Mirowitz, owner.
PREMISES—1449 Vyse avenue, west side, 100 feet south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened May 28, 1935),
TO PERMIT in a residence district the change of occupancy, of an existing building to a garage for more than five (5) motor vehicles.

CALENDAR

499-31-BZ.

APPLICANT—Austin W. Magee, for Ernest Reiss, owner.
PREMISES—262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Queens.

APPLICATION, under section 7f of the building zone resolution (reopened April 30, 1935),
TO PERMIT in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period).

84-35-BZ.

APPLICANT—Samuels & Samuels, for Dickel Construction Co., owner.

PREMISES—7704-7712 Jamaica avenue, southside 20.03 feet east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Queens.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

4-34-BZ.

APPLICANT—Samuel Rosenblum, and Earl I. Gallant, for Josephine J. Schnurmacher, owner.

PREMISES—4025-4029 White Plains avenue, west side, 168.51 feet south of East 228th street (Block No. 4829, Lot No. 11), The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened June 25, 1935),
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn).

127-35-BZ.

APPLICANT—Jacob J. Wollman and Casper P. Colla, for Joseph Angelone, owner.

PREMISES—115-117 Truxton street, north side, 220 feet west of Sackman street (Block No. 1544, Lot No. 45), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the use of a plot of ground as a junk shop.

168-35-BZ.

APPLICANT—Henry Lichtig, for Spoolan Realty Corp., owner.

PREMISES—841-847 East 149th street, northeast corner of Union avenue (Block No. 2674, Lot Nos. 17, 18, 19 and 20), The Bronx.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the alteration and change of occupancy of part of an existing building from stores to a motor vehicle repair shop.

194-35-BZ.

APPLICANT—William J. Carey, for William J. and May E. Carey, owners.

PREMISES—136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot No. 26), Rosedale, Queens.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT—in a business district the erection and maintenance of a gasoline service station.

OCTOBER 8, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions

of the building zone resolution, *Tuesday morning, October 8, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935, to change the application to permit an apartment house with stores on 1st story; premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 140-35-BZ—Application, May 29, 1935, under section 21 of the building zone resolution, of Philip Markowitz, applicant, on behalf of Henrietta Fama, owner, to permit in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the building zone resolution; premises 236 Bedford Park boulevard (East 200th street), south side, 25 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

CAL. NO. 152-35-BZ—Application, June 12, 1935, under section 21 of the building zone resolution, of John Adikes, applicant, on behalf of Jamaica Savings Bank, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

CAL. NO. 195-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Bridget T. Delaney and Richard Delaney, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 8, 1935, 2 P. M.

Appeals from Administrative Orders.

239-35-A—361-363 Broadway and 67-69 Franklin street, southwest corner (Block No. 174, Lot No. 31), Manhattan.

256-35-A—416 Marcu avenue, southwest corner of Walton street (Block No. 2244, Lot No. 36), Brooklyn.

Appliances Submitted for Approval.

88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.

123-35-SA—National Airoil Safety Tank Filling Valve.

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253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.

263-35-SA—Ker-Oil Automatic Water Heater.

264-35-SA—Perfect Automatic Oil Burner, Models O-5, O-7, O-8, O-10, DL-7, DL-8 and DL-10.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, October 8, 1935*, at 2 o'clock in Room 1013, Municipal Building, on the following matters:

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 66-28-BZ—Application of Adolph Goldberg, on behalf of Louisa Heintz and Frieda Heintz, owners, reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station — re application, granted under section 21 of the building zone resolution permitting in a business district the erection and maintenance of a gasoline service station; premises 205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

CAL. NO. 203-33-BZ—Application of Lama and Proskauer, on behalf of Borden's Farm Products Company, Inc., owner, reopened September 24, 1935, under section 21 of the building zone resolution, for amendment to permit in a business use district the extension in area and the maintenance for a period of ten (10) years of a proposed gasoline service station, permission to erect and maintain this station for a period of five (5) years, was previously granted by the board; premises 365-381 Fourth avenue, northeast corner of 6th street (Block No. 987, part of Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, OCTOBER 14, 1935, AT 2 P. M.

Building Zone Cases.

96-35-BZ.

APPLICANT—Matthew W. DelGaudio, for Elmcroft Corp., owner.

PREMISES—1301-1319 Castle Hill avenue and 2171-2181 Westchester avenue, northwest corner (Block No. 3935, Lot No. 1), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

169-20-BZ.

APPLICANT—William F. Regan, for Karl C. Hermon, owner.

PREMISES—1617-1627 Neptune avenue and 3127-3131 Cropsey avenue, northeast corner (Block No. 6995, Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened June 25, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station (in lieu of a garage for more than five (5) motor vehicles previously granted by the board).

594-29-BZ.

APPLICANT—Benjamin Millstein, for Morey Motors, Inc., owner.

PREMISES—5812-22 Bay parkway, and 2177-83 59th street, northwest corner (Block No. 5508, Lot No. 44), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened February 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously denied by the board; reopened under new facts).

198-35-BZ.

APPLICANT—Abraham Farber, for Lena Cohen and Aaron Cohen, owners.

PREMISES—1314 41st street, south side, 85 feet east of 13th avenue (Block No. 5594, Lot No. 10), Brooklyn.

APPLICATION, under sections 7b and 7c of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the alteration and change of occupancy of part of an existing building to a business use (store).

203-35-BZ.

APPLICANT—Samuels & Samuels, for Charles Kuegerl, owner.

PREMISES—Southeast corner of Hillside avenue and 260th street (Block No. 4536, Lot No. 30), Queens Village, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

112-35-BZ.

APPLICANT—Philip Wolfson, for Giuseppa Genco, owner.

PREMISES—115-60 Merrick road, 172-01 116th avenue and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop.

145-35-BZ.

APPLICANT—Lama & Proskauer, for Charles Ginsberg and Max Chesnoff, owners.

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PREMISES—105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

212-35-BZ.

APPLICANT—Thomas W. Lamb, Inc., for Edwin J. Long, owner.

PREMISES—6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

218-35-BZ.

APPLICANT—William Shary, for G. & D. Realty Corp., owner.

PREMISES—2368-2372 Jerome avenue and 2-6 East 184th street, southeast corner (Block No. 3187, Lot No. 25), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of an existing business building so as to include a gasoline service station.

OCTOBER 15, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 15, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

CAL. NO. 477-28-BZ—Application of Scacchetti and Siegel, on behalf of Cabin Holding Corporation, owner, reopened July 16, 1935, under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre; premises 2029 Grand concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

CAL. NO. 131-35-BZ—Application, May 23, 1935, under section 21 of the building zone resolution, of Otto J. Sambach, applicant, on behalf of Elizabeth Fahy, owner, to per-

mit in a business district the erection and maintenance of a coal pocket; premises 137 Lyman avenue, north side, 44.89 ft. east of Tompkins avenue (Block No. 3071, Lot No. 25), Fort Wadsworth, Borough of Richmond.

CAL. NO. 132-35-BZ—Application, May 23, 1935, under section 21 of the building zone resolution, of Otto J. Sambach, applicant, on behalf of Bessie Klarberg, owner, to permit in a residence district the alteration of an existing frame business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use; premises 130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

CAL. NO. 176-35-BZ—Application, June 26, 1935, under section 21 of the building zone resolution, of T. Tasso Fischer, applicant, on behalf of The Bronx Savings Bank, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

CAL. NO. 344-33-BZ—Application of Nordlinger, Riegelman and Cooper, on behalf of Parkville Amusement Corporation, owner, reopened July 16, 1935, for an amendment to the resolution of February 23, 1934, as to the conditions imposed therein—re Application, granted under sections 7a, 7c and 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a recreation centre; premises 1048-1072 Ocean parkway, west side, 380 ft. south of Avenue J (Block No. 5495, Lot Nos. 870 and 872), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 15, 1935, 2 P. M.

Appeals from Administrative Orders.

200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

210-35-A—243 West 42nd street (Block No. 1014, Lot No. 12), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, October 15, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a busi-

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ness use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No 43), Manhattan

CAL. NO. 1192-23-BZ—Application of Edward Dorf, on behalf of Memorial Realty and Garage Corporation, owner, reopened September 24, 1935, under section 21 of the building zone resolution, for amendment, to permit in a business use district the change of occupancy from a garage for more than five (5) motor vehicles (permission to erect which was granted by the board) to a garage for more than five (5) motor vehicles and a motor vehicle salesroom and repair shop; premises 1864-1876 Coney Island avenue, west side, 200 ft. 5 1/4 in. south of Avenue O (Block No. 6617, Lot No. 17), Brooklyn.

CAL. NO. 118-31-BZ—Application of Conroy and Hardy, on behalf of Joseph Zorn, owner, reopened March 5, 1935, under section 21 of the building zone resolution, to permit the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board; premises 2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

CAL. NO. 138-35-BZ—Application, May 28, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Downy Properties, Inc., owner, to permit partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station; premises 247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

CAL. NO. 154-35-BZ—Application, June 15, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Assets Control Company, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

CAL. NO. 535-32-BZ—Application of William Shary, on behalf of W. Parsons Todd, owner, reopened June 4, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period; premises 2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

CAL. NO. 331-32-BZ—Application of Nordlinger, Riegelman and Cooper, on behalf of Elljane Holding Corporation, owner, reopened June 4, 1935, under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station — previously granted for a temporary period; premises southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, OCTOBER 21, 1935, AT 2 P. M.

Building Zone Cases.

196-35-BZ.

APPLICANT—Elizabeth Scheurer and Anna A. Scheurer, owners.

PREMISES—40-01 23rd drive, northeast corner of Steinway street (avenue); (Block No. 793, Lot No. 26), Astoria, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

197-35-BZ.

APPLICANT—Scacchetti and Siegel, for Clifford Concourse Corporation, owner.

PREMISES—960 Grand concourse and 180-188 East 164th street, southeast corner (Block No. 2461, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

232-35-BZ.

APPLICANT—Lawrence M. Rothman, for Wolf-Kahn Realty Corporation, lessee (25 years lease).

PREMISES—308-324 East Fordham road, southwest corner of Elm place (Block No. 3023, Lot No. 26), The Bronx.

APPLICATION, under section 7b of the building zone resolution,

TO PERMIT the erection and maintenance of an addition to an existing business building located within a business district, a part of the addition to extend into a residence district.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

OCTOBER 22, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 22, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CALENDAR

CAL. NO. 58-24-BZ—Application of Alfred H. Eccles, on behalf of Queensboro Improvement Company, owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline, so as to include a gasoline service station (in connection with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ); premises 76-19 Northern boulevard (Jackson avenue), northwest corner of 77th street (20th street); (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens.

CAL. NO. 825-27-BZ—Application of Alfred Taffett, on behalf of Richard Morrison, owner, reopened June 18, 1935, under section 21 of the building zone resolution, to permit in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles (previously denied for

a gasoline service station); premises southeast corner of Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), The Bronx.

CAL. NO. 155-35-BZ—Application, June 17, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Louise Alma Kaufman, owner, to permit in a residence district the erection and maintenance of a business building (stores); premises 3215 Grand Concourse, southwest corner of East Van Cortlandt avenue (Block No. 3311, Lot No. 53), The Bronx.
HARRIS H. MURDOCK, *Chairman*.

OCTOBER 22, 1935, 2 P. M.

Appeal from Administrative Order.

14-35-A—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

NOVEMBER 12, 1935, 2 P. M.

Appeal from Administrative Order.

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, OCTOBER 1, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, September 24, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, September 24, 1935, were approved as printed in Bulletin No. 40, Vol. XX.

BUILDING ZONE CASES.

118-31-BZ.

APPLICANT—Conroy and Hardy, for Joseph Zorn, owner.

SUBJECT—Application (re decision of the commissioner of buildings) reopened March 5, 1935, under section 21 of the building zone resolution, to permit the amendment of resolution as to advertising signs and as to vehicular entrances to gasoline service station located in a business district, which was previously granted by the board.

PREMISES AFFECTED—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

For Opposition: Louis J. Wache and Anthony Di Falco.

For Administration: Assistant Engineer Benjamin Saltzman, department of buildings.

ACTION OF BOARD—Laid over to October 15, 1935, at 2 p. m., for report of committee on inspection. No further argument.

138-35-BZ.

APPLICANT—Samuel Rosenblum, for Downy Properties, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone

resolution, to permit partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—247-13 to 247-27 Northern boulevard, north side, 50 ft. west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPEARANCES—

For Applicant: Samuel Rosenblum and M. A. Goldhill.

For Opposition: Andrew S. Derby, Charles T. Rice, Joseph T. King, Harry H. Wiggins.

ACTION OF BOARD—Laid over to October 15, 1935, at 2 p. m., for report of committee on inspection. No further argument.

154-35-BZ.

APPLICANT—Samuels and Samuels, for Assets Control Company, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPEARANCES—

For Applicant: Archie Samuels.

For Opposition: None.

ACTION OF BOARD—Laid over to October 15, 1935, at 2 p. m., for report of committee on inspection. No further argument.

535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7f of the building zone

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resolution, to permit in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period (reopened June 4, 1935).

PREMISES AFFECTED—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPEARANCES—

For Applicant: Frederick R. Ryan.

For Opposition: K. K. Klein, H. K. Rothenberg and Michael Moses.

ACTION OF BOARD—Laid over to October 15, 1935, at 2 p. m., for report of committee on inspection. No further argument.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Elljane Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station—previously granted for a temporary period (reopened June 4, 1935).

PREMISES AFFECTED—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

APPEARANCES—

For Applicant: Leopold A. Halperin.

For Opposition: K. K. Klein and Michael Moses.

ACTION OF BOARD—Laid over to October 15, 1935, at 2 p. m., for report of committee on inspection. No further argument.

Adjourned, 1:00 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, OCTOBER 1, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

122-31-BZ.

APPLICANT—Samuels and Samuels, for Andrew N. Miller, owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the superintendent of buildings) under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—141-09 Lincoln avenue, northwest corner of 142nd street (Block No. 1122, Lot No. 134), South Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Archie H. Samuels.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

272-30-BZ.

APPLICANT—Jacob Freedman, for Rubel Corporation, present owner.

SUBJECT—Application for reopening—restoration to calendar—rehearing by Order of the Court—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied).

PREMISES AFFECTED—440-446 Utica avenue, 872-884 Empire boulevard, southwest corner and 923-943 East New York avenue (Block No. 1430, Lot No. 34), Brooklyn.

APPEARANCES—

For Applicant: Ruth Grossman.

For Opposition: Bernard Trencher.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

340-31-BZ.

APPLICANT—Conroy and Hardy, for Edward W. Cropsey, James L. Cropsey and C. & M. Holding Co., owners.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2402-2418 Cropsey avenue, southwest corner of 24th avenue (Block No. 6927, Lot Nos. 47 and 48), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(340-31-BZ)

WHEREAS, this application affecting premises 2402-2418 Cropsey avenue, southwest corner of 24th avenue (Block No. 6927, Lot Nos. 47 and 48), Borough of Brooklyn, was granted by the board July 22, 1932, on certain conditions, time to obtain permits and complete work extended from time to time and applicant requests a further extension.

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Resolved, that the resolution adopted by the board on July 22, 1932, as amended April 9, 1935, be and it hereby is *amended*, so that as amended that portion of the resolution having reference to obtaining permits and completion of work will read:

"to extend the time within which to obtain these permits, after filing plans with the commissioner of buildings, to six months and that all work shall be completed within one year from the date of this amended resolution; that other than as amended herein the resolution adopted by the board on July 22, 1932, as amended by resolution adopted April 9, 1935, shall be complied with in all respects."

418-31-BZ.

APPLICANT—Frederick Wagner, for Gerwan Realty Co., Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1036-1060 McDonald avenue (Gravesend avenue), northwest corner of 47th street (Block No. 5452, Lot No. 37), Brooklyn.

APPEARANCES—

For Applicant: Frederick Wagner.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(418-31-BZ)

WHEREAS, McCabe and Hickey, for Gerwan Realty Co., Inc., owner, filed August 25, 1931; withdrawn January 8, 1932; reopened January 23, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 1036-1060 McDonald avenue (Gravesend avenue), northwest corner of 47th street (Block No. 5452, Lot No. 37), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 10, 1934, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that McDonald avenue (Gravesend) is in a business district; 19th avenue is in a business district; Parkville avenue and 47th streets are in both residence and business districts; and

WHEREAS, the decision of the commissioner of buildings rendered May 4, 1934, re: Applic. No. 4758-1934, reads:

"Proposed gasoline service station to be located in a business use district is contrary to article 2, section 4a of zone resolution,";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 208.81 ft. on McDonald avenue, 148 ft. 6 in. on Parkville avenue and 210 ft. 8 in. on 47th street, upon which it is proposed to erect a one-story office and the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board, as reported by the chairman at the hearing; and

WHEREAS, the board deemed that applicant has substantiated his basis of appeal under section 21 of the building zone resolution, and, therefore, is entitled to relief; and

WHEREAS, *this application was granted by the board July 10, 1934, on certain conditions and applicant requested an amendment of the resolution.*

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21 of the building zone resolution, *on condition* that the area to be used for the gasoline selling station shall be that portion only of the triangular plot bounded by McDonald avenue, Parkville avenue and 47th street, as shown on the revised plans marked "Received September 20, 1935," with a frontage on 47th street of 140 ft. and on McDonald avenue of 149 ft.; that the balance of the triangle with a frontage of approximately 60 ft. on McDonald avenue and 143 ft. on Parkville avenue and approximately 60 ft. on 47th street shall remain vacant and seeded with grass and planted with shrubs and trees, until such time as it can be utilized for a building designed for conforming business uses, connected in no way with the proposed gasoline service station; that the entire triangular block shall be leveled substantially to the level of McDonald avenue; that there shall be erected, as indicated on *revised plans marked "Received September 20, 1935,"* filed with this application, from 47th street to McDonald avenue and along 47th street for a distance of approximately 50 ft. a wall constructed both sides of face brick and suitably coped and not less than 6 ft. in height; that the accessory buildings shall consist of an office and a section for greasing racks; that these buildings shall not exceed one story in height and shall be constructed of incombustible materials, except that the roof framing, roof boarding, doors and windows may be of wood, provided that the ceilings are fire-retarded throughout in accordance with the rules of the Board of Standards and Appeals; that the fronts of the greasing section shall remain open; that there shall be no open excavation under these accessory buildings, except the pits for the greasing racks; that all gasoline pumps installed shall be at least 15 ft. from the street building line of 47th street and McDonald avenue and not nearer than 10 ft. to any accessory building; that planting shall be maintained, where indicated, at the angle formed by the intersection of McDonald avenue and 47th street for a distance of at least 20 ft.; that around *this* planting area there shall be installed stone or concrete curbs for protection; that the balance of the plot where not covered by accessory buildings, walls, planting and gasoline pumps, shall be either cement paved or covered with cracked blue stone; that the entrances to the gasoline selling area shall not exceed three from McDonald avenue and one from 47th street; that these entrances shall not exceed 25 ft. in width each and that opposite these entrances there shall be curb cuts not exceeding 30 ft. each; that between these entrances there shall be constructed and maintained for the protection of the public, reinforced concrete curbs erected on the street building line, not less than 12 inches in width and 6 inches in height, the top surface of which may be rounded; there shall be no portable gasoline tanks used on or from the property; that signs advertising non-conforming use shall be limited to the globes of the gasoline pumps and one upright post standard near the intersection of 47th street and McDonald avenue, *to carry one illuminated sign advertising only the brand of gasoline for sale, sign may extend beyond the street line not over 8 feet, excluding all temporary signs of every nature; that lights for general illumination shall be on pipe standards not over 10 ft. in height with metal reflectors arranged to shine downwardly; that working plans shall be submitted to the board for approval by the chairman in behalf*

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of the board, before same are filed with the commissioner of buildings; that all permits shall be obtained within six months and all work completed within one year from the date of this action.

968-24-BZ.

APPLICANT—Maxwell Schantz, for 118th Street Holding Corp., owner.

SUBJECT—Application for reopening—re (Extension of time) re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of buildings to be used for store purposes on first story and for dwelling use above.

PREMISES AFFECTED—1928 Kings Highway ((Block No. 6782, Lot No. 22), Brooklyn.

APPEARANCES—

For Applicant: Maxwell Schantz.

ACTION OF BOARD—Application reopened, and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(968-24-BZ)

WHEREAS, this application affecting premises 1922-1926 and 1930-1932 Kings Highway and 2110 Ocean avenue (Block No. 6782, Lot Nos. 19-23), Borough of Brooklyn, was granted by the board February 2, 1932, on certain conditions; amended July 26, 1932, September 12, 1933, and March 5, 1935; and

WHEREAS, this application was granted by the board on certain conditions and the owner of 1928 Kings Highway (Block No. 6782, Lot No. 22) requested an extension of time, only as affecting his premises.

Resolved, that the resolution adopted by the board on February 2, 1932, as amended by resolution adopted July 26, 1932, September 12, 1933, and March 5, 1935, be and they hereby are amended, only so far as it has reference to the obtaining of permits and completion of work, so that as amended, this portion of the resolution adopted February 2, 1932, will read:

"Resolved, further, that all permits necessary for prosecution of work shall be obtained within six (6) months and all work completed within one (1) year from the date of this amended action on condition that the resolutions adopted by the board be complied with in all other respects."

APPEALS FROM ADMINISTRATIVE ORDERS.

14-35-A.

APPELLANT—Marvel Bleach & Chemical Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

APPEARANCES—

For Appellant: B. J. Nova.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Laid over to October 22, 1935, at 2 p. m., for report of committee on inspection. No further argument.

125-35-A.

APPELLANT—Ferdinand Savignano, for Carmine Bevilacqua, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—160 High street (Block No. 99, Lot No. 47), Brooklyn.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Appeal withdrawn on written request.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

211-35-A.

APPELLANT—Geo. E. Strehan, for William Lescaze, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—211 East 48th street (Block No. 1322, Lot No. 7½), Manhattan.

APPEARANCES—

For Appellant: George E. Strehan.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(211-35-A)

WHEREAS, George E. Strehan, for William Lescaze, owner, filed, August 2, 1935, an appeal from an order of the fire commissioner affecting premises 211 East 48th street (Block No. 1322, Lot No. 7½), Borough of Manhattan; and

WHEREAS, the decision and order of the fire commissioner, dated July 8, 1935, Order No. 3673-C, reads:

"Replying to your favor of June 14, 1935, we are forwarding this letter to advise that the fire department will no longer rescind an order and reissue it, when the time limit to make an appeal has expired.

"However, we have been informed that the Board of Standards and Appeals will accept a letter from this department, and for that purpose we are forwarding this communication which will certify that order numbered 3673-C was issued against William Lescaze, of 211 East 48th street, Manhattan, on June 21, 1934, and read as follows:

"1. You are hereby ordered and required to forthwith discontinue the maintenance or operation of refrigerating system on these premises in violation of the provisions of Chapter 10, Code of Ordinances."

and

WHEREAS, the building is non-fireproof, 3 stories and basement (41 feet) in height, 16 feet 7½ inches by 90 feet 5 inches in area; OCCUPIED by one family and architect's office; located within a residence district; and

WHEREAS, the applicant claims the building was altered under approved Alt. App. No. 1514 of 1933, arranged for an occupancy of one family and architect's office with a complete air conditioning and heating system in accordance with drawings filed with this appeal, work was completed and the building occupied in June of 1934; the fire department issued the order affected by this appeal June 21, 1934; a temporary C. of O. No. 19729 was issued by the department of buildings July 9, 1934, pending the approval

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of a special W. C. bowl and tank which had been installed in this building and filed under Cal. No. 183-34-SA; such petition was granted by the board January 29, 1935, and the permanent C. of O. No. 20216 was issued by the department of buildings March 6, 1935, upon request a copy of the permanent C. of O. was filed with the fire department June 14, 1935; the fire department has refused to rescind the order notwithstanding a permanent C. of O. has been issued; furthermore, the applicant maintains that section 219, paragraph b of the Code of Ordinances specifically permits the use of a Class C direct method of refrigeration in a one or two family residence and section 216, paragraph b waives the requirement of a permit for Class C systems in a dwelling for not more than two families; the system consists of two compressor units in the machine room in the cellar, with a total refrigerant charge of 20 pounds of methyl chloride; machine room is enclosed in 4-inch T. C. blocks with a kalamein fire door, a metal lath and cement plaster ceiling and 4 inches of rock wool filling between the wood beams; four air-conditioning units, one on each of the basement, 1st, 2nd and 3rd floors with a return circulating system of copper tubing; the condensers are water-cooled, coil type with pressurestat set for high pressure cut-out and pressure-type water control; the air conditioning units are combination heating and cooling coils with all necessary expansion, magnetic and thermostatic valves for the refrigerant, water and steam line.

Resolved, that the decision and order of the fire commissioner, dated July 8, 1935, No. 3673-C, be and it hereby is *modified* and that the appeal be and it hereby is *granted* permitting the continuation of the Class C refrigerating system, as described in this appeal, *on condition* that there shall be at no time a total of more than twenty (20) pounds of methyl chloride used as a refrigerant, and that the building shall not be increased in height or area; that the system shall not be extended and that the building shall be occupied only for residential purposes, as defined in the zoning resolution.

363-31-A.

APPELLANT—Legrand Bleach Corp., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—111-17 49th street (Block No. 771, Lot No. 1), Borough of Brooklyn.

APPEARANCES—

For Appellant: Jacob Carr.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative: Assistant Chief Kidney 1

Absent 0

THE RESOLUTION—

(363-31-A)

WHEREAS, under date of July 21, 1931, the Legrand Bleach Corp., lessee, filed an appeal with the Board of Standards and Appeals from an order of the fire commissioner affecting premises 111-17 49th street (Block No. 771, Lot No. 1), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner was complied with and this appeal was withdrawn November 12, 1931, and, thereafter, on May 26, 1934, the Legrand Bleach Corp., filed a further appeal from an order of the fire commissioner, dated April 11, 1934 (Order No. 64435-LC), as follows:

"With reference to application dated March 24, 1934, requesting a permit for the storage and use of fifteen (15) one ton cylinders of Chlorine gas, fifty gallons Acetic acid, 40 drums of caustic soda, 5 gallons sulphuric acid and 10,000 gallons liquid Caustic Soda, to be used in the manufacture of a bleaching prepara-

tion at premises 111-17 49th street, Brooklyn. I regret to state that I am without power to grant a permit for the storage of the above-mentioned materials for the reason that the storage of fifteen one-ton drums of chlorine gas at the above premises is not in the interest of public safety and is dangerous to life.

"You are therefore ordered to remove all chlorine gas from the premises and to discontinue the further storage of chlorine gas on said premises. The storage of one-ton cylinders of chlorine gas creates a dangerous condition and is a violation of section 10, chapter 10, C. O. N. Y.";

and

WHEREAS, the building is fireproof, one story in height, 75 ft. by 100 ft. in area, located in an unrestricted district, erected in 1905 and occupied for the manufacture of chlorine bleach; and

WHEREAS, the appellant contends that the use of one-ton chlorine cylinders has been approved by the Interstate Commerce Commission; that the use of one-ton cylinders is not dangerous to life and against the interest of public safety; that one-ton drums have been used by the appellant for the past three years without a single accident or complaint from any source; that one-ton cylinders have been used for a number of years by the Mantrose Corporation, located at 136 41st street, Bush Terminal, Brooklyn, without an accident or complaint; that the building is equipped with a 100 per cent sprinkler system; that a reinforced concrete vat with interior dimensions of 10 ft. by 50 ft. by 3½ ft. high has been built to house a carload of 15 one-ton liquefied chlorine cylinders and that the cylinders are placed and removed when empty from the cars to the storage vat by means of an overhead crane; that the chlorine cylinder storage vat will be protected with an independent overhead sprinkler system and also by flooding a vat with water or a caustic soda solution; that permit after permit has been issued for the use of one-ton cylinders, and now for the first time the department contends that the use of one-ton cylinders is not in the interest of public safety and is dangerous to life; and

WHEREAS, this appeal was heard at the public hearing July 10, 1934, and the motion to grant was not carried; and

WHEREAS, the action of the board was reviewed by the Court and Mr. Justice Cuff referred the whole matter to the board, as now constituted, for further consideration; and

WHEREAS, this entire matter was reconsidered by the board.

Resolved, that the decision and order of the fire commissioner, No. 64435-LC be and they hereby are *modified* and that the appeal be and it hereby is *granted*, permitting for a period of one year the storage of not over fifteen (15) one-ton cylinders of liquid chlorine, *on condition* that the equipment shall be maintained in accordance with the plans as filed with and approved by the Plan Department of the Fire Prevention Bureau of the Department of Buildings under Plan No. 5781-1931; that such additional safeguards shall be installed for the protection of the public as the fire commissioner shall direct; that there shall be at all times readily accessible at least six gas masks; that the existing trolley crane shall be maintained in proper working order; that substantial protective scaffolding shall be constructed around caustic soda tanks and chlorine vats, such scaffolding to be constructed of posts not less than 6 in. by 6 in. with skirting rails not less than 2 in. by 4 in., all of long leaf hard pine or equivalent; that the sprinkler system of building shall be maintained in full compliance with the requirements of the Sprinkler Rules of the Board of Standards and Appeals and a special sprinkler system fed from the street service, operated by means of fire department key from exterior of building, shall be maintained in proper working order satisfactory to the fire commissioner; that the caustic soda tank and the piping

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therefrom, both by pump and by gravity, shall be maintained in proper working order, and with ample caustic soda maintained in the tank at all times to provide flooding the vats; that the liquid chlorine shall be delivered to the plant only in one-ton drums of a type and design approved by the Interstate Commerce Commission, such drums to be delivered on siding within 16 ft. of special entrance door to chlorine vat on a specially designed flat car, shipped direct from the manufacturing plant without transloading; that this flat car shall be routed from the plant to New York City and lightered to the dock of the Bush Terminal and thence to the factory siding; that all regulations of the Interstate Commerce Commission applicable to the handling of liquid chlorine in ton cylinders shall be complied with and also in accordance with the following requirements:

1. That the cylinders being drawn from shall be supported on rigid steel saddles and strapped in place to prevent movement until emptied;
2. That the connection from tank to feed line be by means of a heavy clamp or valve with lead squeeze washers; that the flexible pipe from the tank valve to the feed pipe shall be extra heavy brass or copper with an approved union connection to the feed pipe and that this flexible pipe be as short as practicable and kept free from sharp bends or kinks;
3. That after working hours the valves at the cylinders shall be kept closed;
4. That the feed line shall be new, extra heavy galvanized seamless wrought iron encased within a two-inch iron pipe; that this piping shall be rigidly and and firmly supported at short intervals for its entire length and the exterior surfaces kept well painted; that there shall also be a shut-off valve at the mixing tank;
5. That the equipment for handling the cylinders shall be an approved track and travelling crane and hoist of not less than two tons capacity, self-locking in type and with positive travel motion;
6. That the gas masks shall be of the type approved by the U. S. Bureau of Mines, for use against chlorine gas;
7. That during working hours at least two persons shall hold certificates of fitness issued by the fire commissioner after examination at the premises as to their qualifications, knowledge of the equipment and familiarity with the use of gas masks;
8. That at night, the plant shall be subject to hourly inspection by a watchman who shall also hold a similar certificate of fitness;
9. That the captain in charge of the local police station shall be notified of the chlorine storage and be permitted to detail such men as he deems necessary to familiarize themselves with the installation;
10. That other than as modified herein the requirements of all laws, ordinances and rules shall be complied with.

147-35-A.

APPELLANT—Philip Markowitz, for Leopold Schepp Foundation, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—71-73 Goerck street (Block No. 328, Lot No. 58), Manhattan.

APPEARANCES—

For Appellant: Philip Markowitz.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum	3
Negative: Assistant Chief Kidney	1
Absent	0

THE RESOLUTION—

(147-35-A)

WHEREAS, Philip Markowitz, for Leopold Schepp Foundation, owner, filed June 6, 1935, an appeal from an order of the fire commissioner affecting premises 71-73 Goerck street (Block No. 328, Lot No. 58), Borough of Manhattan; and

WHEREAS, the order of the fire commissioner, dated May 28, 1935, Order No. 6254-LC, reads:

"With reference to your application, dated January 2nd, 1935, for a permit to maintain a storage garage at 71-73 Goerck street, Manhattan, I regret to inform you that I am without power to grant such a permit for the reason: Section 151-C, Chapter 10, Code of Ordinances prohibits the issuance of such permit in any building in which highly inflammable material is manufactured or kept for sale, and as this building is used in part for the manufacture or storage and sale of paper boxes your application is disapproved.

IT WILL, THEREFORE, BE NECESSARY TO

1. Discontinue the storage of gasoline on these premises.

NOTE: After removal of pump and sealing of tank a permit may be issued for a non-storage garage."

and

WHEREAS, the building is fireproof, 7 stories (75 feet) in height, 50 feet by 100 feet in area at 1st story and 50 feet by 90 feet in area above; OCCUPIED: 1st story, garage (11 trucks), 5 persons; 2nd story, upholstering, 4 persons; 3rd story, paper box factory, 30 persons; 4th, 5th and 6th stories, vacant, normal occupancy, 30 persons per story; 7th story, tailor, 30 persons; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1911; a 275-gallon gasoline storage tank was buried under the 1st story ground-floor and a pump erected in 1913, at that time no application was required to be filed with a city department, although an inspection was made September 8, 1913, by a representative of the fire department and permit No. XXV414, issued October 10, 1913; permits were issued continuously thereafter by the fire department until April 28, 1935, at which time the last issued permit No. 381650 expired; due to an alteration made to the building a C. of O. No. 8852 was issued November 20, 1924, permitting an occupancy of a garage for more than 5 cars on the 1st story and factory work on upper stories; 30 persons each story; the paper box factory occupancy started in the building January 4th, 1932, their present lease expires in January of 1939; furthermore, the applicant contends that the garage is separated from the rest of the building by 12-inch brick walls and fireproof floor construction; that the gasoline is not for public sale but used only for cars stored on the premises and operated in the trucking business; that it will be an unnecessary hardship upon the owner if not permitted the use of the gasoline storage tank, as it would mean the loss of the tenant.

Resolved, that the order of the fire commissioner, No. 6254-LC, be and it hereby is *modified* and that the appeal be and it hereby is *granted*, permitting the installation of an underground gasoline tank and the installation of one gasoline pump as indicated on plans filed with this appeal, *on condition* that there shall at no time be more than 275 gallons of gasoline stored on the premises other than in the tanks of the motor vehicles and that the gasoline shall be solely for the trucks garaged on the premises and not for public sale; that such additional fire-fighting appliances shall be installed as the fire commissioner may direct; and *granted*, only so long as conditions described in the appeal are maintained.

237-35-A.

APPELLANT—Horace Ginsbern, for 420 East 86th Street Corp., owner.

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SUBJECT—Appeal from a decision of the commissioner of buildings and decisions of the board of buildings.

PREMISES AFFECTED—412-420 East 86th street, south side, 94 ft. east of First avenue (Block No. 1565, Lot Nos. 42-46, inclusive), Manhattan.

APPEARANCES—

For Appellant: Horace Ginsbern.

For Administration: Assistant Engineer Samuel Becker, of board of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(237-35-A)

WHEREAS, Horace Ginsbern, for 420 East 86th Street Corporation, filed September 7, 1935, an appeal from a decision of the commissioner of buildings and decisions of the board of buildings affecting premises 412-420 East 86th street, south side, 94 ft. east of First avenue (Block No. 1565, Lot No. 42, 46, inclusive), Borough of Manhattan; and

WHEREAS, the decision of the board of buildings, dated July 2nd, 1935, reads:

APPEAL FROM ADMINISTRATIVE ORDER.

July 2, 1935.

APPELLANT—Mr. Horace Ginsbern, architect, 205 East 42nd street, New York City.

SUBJECT—Appeal from order and decision of the commissioner of buildings, department of buildings, Borough of Manhattan.

PREMISES AFFECTED—412-420 East 86th street, N. B. Plan No. 101-35.

APPEARANCES—

Mr. Ginsbern and Mr. Minskoff.

ACTION OF THE BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative: Commissioners Keller and Reville 2
Negative: Commissioners Thatcher and Langworthy 2
(Commissioner Fassler not voting).

RESOLUTION—

WHEREAS, on June 28th, 1935, Horace Ginsbern, acting for the owner, filed an appeal from the order and decision of the commissioner of buildings, department of buildings, Borough of Manhattan; said order reads as follows:

"A7. Apartment located at street at both lot lines are unlawful, sections 144 and 146 MDL. NOTE the apartments open directly into stair also note distance to stair. Lack of remoteness of exits and using of common entrance as first and second means."

WHEREAS, under new building Plan No. 101-35 filed in the department of buildings, Borough of Manhattan, it is proposed to erect a new non-fireproof Class A multiple dwelling, six (6) stories in height; and

WHEREAS, subdivisions 1 and 3 of section 144 of the multiple dwelling law reads as follows:

"1. Except in buildings not exceeding two stories in height, every non-fireproof multiple dwelling hereafter erected shall have at least two means of egress extending from the ground floor to the roof. Such means of egress shall be at least fifteen feet distance from each other unless they are on opposite sides of a public hall. One of such means of egress shall be a stair constructed and arranged as provided in section one hundred and forty-eight of this chapter. The other means of egress may be a fire stair or fire tower constructed and ar-

ranged as provided in subdivision two in section one hundred and two of this chapter, or a fire escape constructed and arranged as provided in section one hundred and forty-five of this chapter.

"3. There shall be accessible from every apartment in every such multiple dwelling two means of egress extending from the entrance floor to the roof, one of which shall be a stair within fifty feet from such apartment"; and

WHEREAS, section 146 of the multiple dwelling law reads as follows:

"In every non-fireproof multiple dwelling hereafter erected there shall be at least two exits from every apartment or suite of rooms. Such exits shall be remote from each other. The first exit shall be to a public hall connected with a stair not more than fifty feet distance from such exit. Whenever the second exit does not open directly upon a fire escape it shall open directly on a fire tower balcony or a public hall or vestibule separated by a fireproof wall, unpierced except by an opening equipped with a fireproof self closing door, from the public hall on which the first exit opens and which connects with a stair, fire stair, or with a fire tower balcony. Such door shall not be held open by any device whatsoever. In any multiple dwelling not exceeding in height three stories and not occupied by more than two families on any floor, an exit may open directly into stair without the intervention of a public hall"; and

WHEREAS, after an examination of plans filed with New Building Application No. 101-35, it is the consensus of the opinion of the board that the arrangement of the exits are not in conformity with sections 144 and 146 of the multiple dwelling law; and

"Therefore in relation to objection A7, the decision of the commissioner of buildings, department of building, Borough of Manhattan, be and hereby is affirmed and the appeal be and hereby is denied"; and

WHEREAS, the decision of the commissioner of buildings, dated July 31, 1935, reads: N. B. Appl. No. 101-35—

This amendment is disapproved with the following objections:

"A35—F.Es. must be maintained in courts Nos. 2 and 4 as accepted, see obj. No. 7, or proper two means of egress must be provided as required by sections 144 and 146 MDL. Note the egress as proposed in amendment in violation of sections 144 and 146 MDL and is contrary to resolution of board of buildings.";

and

WHEREAS, the decision of the board of buildings, dated August 8th, 1935, reads:

APPEAL FROM ADMINISTRATIVE ORDER

August 8, 1935.

APPELLANT—Horace Ginsbern, R. A., 205 East 42nd street, New York City.

SUBJECT—Appeal from order and decision of the commissioner of buildings, department of buildings, Borough of Manhattan.

PREMISE AFFECTED—412-420 East 86th street, Manhattan, N. B. 101-35.

APPEARANCES—

Mr. Ginsbern.

ACTION OF THE BOARD—Appeal denied in re Objection A35.

VOTE TO DENY—

Affirmative: (In re Obj. A35) Chairman Fassler, Commissioners Keller, Reville, Thatcher and Langworthy 5

RESOLUTION—

WHEREAS, on July 31st, 1935, Mr. Horace Ginsbern, architect, acting for the owner, filed an appeal from

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order and decision of the commissioner of buildings, Borough of Manhattan, in relation to objection A35, said objection reads as follows:

"A35. Fire escape must be maintained in courts Nos. 2 and 4 as accepted, see objection No. 7 or proper two means of egress must be provided as required by sections 144 and 146 of the multiple dwelling law. Note the egress as proposed in amendment in violation of sections 144 and 146 M.D.L., and is contrary to resolution of board of buildings."

* * *

WHEREAS, on July 2nd, 1935, Mr. Ginsbern appeared before the board in relation to objection A7 which is similar in character to that of objection A3 raised on an amendment filed in the department of buildings, Borough of Manhattan, on July 25, 1935; and

WHEREAS, a resolution adopted by the board of buildings on July 2nd, 1935, reads, as follows:

"WHEREAS, on June 28th, 1935, Horace Ginsbern, acting for the owner, filed an appeal from the order and decision of the commissioner of buildings, department of buildings, Borough of Manhattan; said order reads as follows:

"A7. Apartments located at street at both lot lines are unlawful, sections 144 and 146 M.D.L. Note that apartments open directly into stair; also note distance to stair. Lack of remoteness of exits and using of common entrance as first and second means"; and

WHEREAS, under New Building Plan No. 101-35 filed in the department of buildings, Borough of Manhattan, it is proposed to erect a non-fireproof Class A multiple dwelling six (6) stories in height; and

WHEREAS, sub divisions 1 and 3 of sections 144 of the multiple dwelling law reads, as follows:

"1. Except in buildings not exceeding two stories in height, every non-fireproof multiple dwelling hereafter erected shall have at least two means of egress extending from the ground floor to the roof. Such means of egress shall be at least fifteen feet distance from each other unless they are on opposite sides of a public hall. One of such means of egress shall be a stair constructed and arranged as provided in section one hundred and forty-eight of this chapter. The other means of egress may be a fire stair or a fire tower constructed and arranged as provided in sub division two in section one hundred and two of this chapter, or a fire escape constructed and arranged as provided in section one hundred and forty-five of this chapter.

"3. There shall be accessible from every apartment in every such multiple dwelling two means of egress extending from the entrance floor to the roof, one of which shall be a stair within fifty feet from an exit from such apartment."

WHEREAS, section 146 of the multiple dwelling law reads as follows:

"In every non-fireproof multiple dwelling hereafter erected there shall be at least two exits from every apartment or suite of rooms. Such exits shall be remote from each other. The first exit shall be to a public hall connected with a stair not more than fifty feet distant from such exit. Whenever the second exit does not open directly upon a fire escape it shall open directly on a fire-tower balcony or a public hall or vestibule separated by a fireproof wall, unpierced except by an opening equipped with a fireproof, self-closing door from the public hall on which the first exit opens and which connects with a stair, fire stair or with a fire tower balcony. Such door shall not be held open by any device whatever. In any multiple dwelling not exceeding in height three stories and

not occupied by more than two families on any floor, an exit may open directly into a stair without the intervention of a public hall"; and

WHEREAS, an examination of plans filed with New Building Application No. 101-35, it is the consensus of opinion of the board that the arrangement of exits are not in conformity with sections 144 and 146 of the MDL and

Therefore in relation to objection A7, the decision of the commissioner of buildings, department of buildings, Borough of Manhattan, be and hereby is affirmed and the appeal be and hereby is denied; and

* * *

Further, be it resolved, that the order and decision of the commissioner of buildings, Borough of Manhattan, be and it hereby is affirmed and the appeal in re Objection A35 be and hereby is denied."

and

WHEREAS, the proposed building in course of construction is non-fireproof, 6 stories in height, 125 feet by 86 feet 6 inches in area; OCCUPANCY: Class "A" multiple dwelling, 8 apartments (26 rooms) each story; and

WHEREAS, the applicant claims that the proposed two separate and distinct means of egress from each apartment in question are shown on drawing No. 1, filed herewith; the first means opens directly upon a fire stair and the second means opens upon a public hall (4 ft. 10 in. in width) which is separated from the fire stair by a fireproof door and leads to another fire stair; therefore, the requirements of sections 144 and 146 of M.D.L. are strictly complied with; the remoteness of the exits from such apartments is not affected in any manner by omitting the fire escapes in the court, as the egress in both arrangements are from the same rooms and spaces; the applicant contends that the exit through a fireproof stairway is far superior means of egress than that by way of a fire escape; that similar conditions and arrangements as herein proposed have been previously approved and accepted by both, the tenement house department and the building department affecting premises: northeast corner Concourse and East 197th street under N. B. 575-1930, northeast corner Gun Hill road and Putnam avenue under N. B. 127-1931, southwest corner Morris avenue and 176th street, under N. B. 274-1934, and No. 405 East 72nd street under N. B. 136-1934; furthermore, that the decisions of the commissioner of buildings and also the board of buildings are in error relative to the requirements of the M.D.L.; this appeal to the Board of Standards and Appeals is for an interpretation of sections 144 and 146 of the M.D.L. as applied to the proposed exits which are in full compliance with the meaning and intent of such sections; and

WHEREAS, the board deems that the two means of exit as indicated from the apartments, located on the street front at both lot lines complies with the intent of the requirements of section 146 of the multiple dwelling law and that the exits can be deemed remote, considering the relatively small area of the apartments, provided the partition separating the spaces from which the exits lead, are as indicated of fire retarded construction with fireproof door at the opening in such partition.

Resolved, that the decision of the commissioner of buildings and the decisions of the board of buildings be and they are hereby *reversed* and the appeal be and it hereby is *granted*.

260-35-A.

APPLICANT—Albert W. Lewis, for Department of Public Markets, Weights and Measures, City of New York, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Center of Park avenue, 115th to 116th streets, Manhattan.

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APPEARANCES—

For Appellant: John Churchill, Walter Chambers.
For Administration: Assistant Engineer Samuel Becker, of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(260-35-A)

WHEREAS, Albert W. Lewis, for Department of Public Markets, Weights and Measures, City of New York, owner, filed September 26, 1935, an appeal from a decision of the commissioner of buildings affecting premises, Center of Park avenue, 115th to 116th streets, Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, dated September 25, 1935, N. B. Application No. 147-1935, reads:

Amendment disapproved with following repeated:

"3. Construction should comply with sections 71-3, building code.

"Reconsideration denied.";

and

WHEREAS, the proposed building is of all metal construction, one story (18 ft. 6 in.) in height, 125 ft. 10¾ in. by 49 ft. 5 in. in area; OCCUPANCY: fish market, located in the center of Park avenue under the N. Y. C. R. R. viaduct and within a business district; and

WHEREAS, the applicant claims the proposed building will be built entirely of incombustible material; concrete footings, steel columns and trusses, sheet metal and glass walls, metal and composition roof; terra cotta partitions for toilet rooms and metal stands; the present columns supporting railroad above will be encased with 4 in. of reinforced concrete; there will be no openings in the roof; this form of construction will permit ready access for emergency repairs to railroad structure overhead; a standpipe system will be installed in accordance with Rule 85 of the Standpipe Rules; it is requested that the board consider the above construction practically fireproof.

Resolved, that the decision of the commissioner of buildings be and it hereby is *modified*, and that the appeal be and it hereby is *granted* as to N. B. App. No. 147-1935, Item 3, *on condition* that the metal building shall be constructed substantially in accordance with the plans filed with this appeal, entirely of incombustible material; that there shall be installed in this building in lieu of the requirements of the Standpipe Fire-Line Rules of the Board of Standards and Appeals, a standpipe system of the type provided for in Rule 85 of the Standpipe Fire-Line Rules of the Board of Standards and Appeals, waiving the requirements for fire pump or gravity tank; that the toilet facilities shall be adequate in the opinion of the commissioner of buildings; that all other requirements of the code of ordinances and laws applicable thereto shall be complied with, other than as modified herein; that the columns supporting the elevated structure of the New York Central and Hudson River Railroad within the blocks within which these buildings are to be erected shall be protected for their full height with fireproof material consisting of not less than 8 in. of brick laid in cement mortar or 4 in. of reinforced concrete; and *granted*, only so long as this building is occupied as a public market under the supervision of the Department of Markets, Weights and Measures.

360-30-A.

APPELLANT—Thomas I. Sheridan, for Horn and Hardart Co., owner.

SUBJECT—Application for reopening—amendment—re Appeal from order of the fire commissioner.

PREMISES AFFECTED—605-607 West 49th street, 600-624 West 50th street and 691-699 11th avenue (Block No. 1097, Lot Nos. 27, 32½, 36 and 40), Manhattan.

APPEARANCES—

For Appellant: Thomas I. Sheridan and Richard Lawrence.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(360-30-A)

WHEREAS, Thomas I. Sheridan, for Horn & Hardart Co., owner, filed, May 28, 1930, an appeal from an order of the fire commissioner, affecting premises Nos. 605-607 West 49th street; 600-624 West 50th street and 691-699 Eleventh avenue (Block No. 1097, Lot Nos. 27, 32½, 36 and 40), Borough of Manhattan; and

WHEREAS, the order of the fire commissioner, dated May 20, 1930, Order No. 44907-LC, reads:

"1. Discontinue the direct method of refrigeration outside of the refrigerating machinery room as per section 219, subdivision B of chapter 10, code of ordinances.";

and

WHEREAS, the building is fireproof, 5 stories in height at 11th avenue side, 325 feet by 108 feet 10 inches and 200 feet 10 inches irregular in depth; OCCUPIED: as a bakery and storage of food products, not more than 164 persons per story; EQUIPPED with a refrigerating system of the direct method, consisting of motors and all necessary machines located in the cellar, enclosed in brick walls and fireproof doors, with flow and return pipes extending to refrigerators in the cellar, first, second and third stories, using 1,200 pounds of ammonia as the refrigerant; and

WHEREAS, the appellant claims the refrigerating plant is provided with a circuit breaker, operating when pressure exceeds 300 pounds which shuts down the plant, and it cannot be started except by human control; furthermore, the appellant contends that the building is used and occupied in accordance with certificate of occupancy No. 15307 issued June 3, 1929, now in force; and

WHEREAS, this appeal was granted by the board February 3, 1931, "on condition that the system shall not be increased or altered other than necessary, that the building shall be in single tenancy and that a licensed engineer shall be in charge of the plant at all hours day and night and that the refrigerating system comply with the rules in all other respects"; and

WHEREAS, the appellant requested a reopening of the case and an amendment of the resolution.

Resolved, that the resolution adopted by the board on February 3, 1931, be and it hereby is *amended*, permitting the system as shown and as indicated on plan filed, marked "received September 30, 1935," *on condition* that there shall at no time be more than 4,500 pounds of ammonia used as refrigerant; that the system shall not be increased or altered other than for necessary repairs, except that the present condensers may be changed to the shell type, and the modernizing of the ice machine units permitted; that the building shall at all times be in the single tenancy of

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Horn & Hardart; that the equipment shall, at all times, day and night, be under the supervision of a licensed engineer; and that other than as amended herein the refrigerating system shall comply in all respects with the rules and ordinances applicable thereto.

28-35-A.

APPELLANT—John Kenlon, for Neo-Gravure Printing Co., lessee.

SUBJECT—Application for reopening — reconsideration under new facts—re Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—601-649 West 26th street, 600-652 West 27th street, 200-214 13th avenue and 245-259 11th avenue (Block No. 672, Lot No. 1), Manhattan.

APPEARANCES—

For Appellant: John Kenlon.

For Administration: Inspector Maher, of department of buildings, fire department.

ACTION OF BOARD—Appeal reopened and granted on condition.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

4

Negative

0

Absent

0

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

4

Negative

0

Absent

0

THE RESOLUTION—

(28-34-A)

WHEREAS, Kenlon Construction Co., for Neo-Gravure Printing Co., lessee, filed January 31, 1935, an appeal from a decision of the commissioner of buildings, affecting premises 601-649 West 26th street, 600-652 West 27th street, 200-214 13th avenue and 245-259 11th avenue (Block No. 672, Lot No. 1), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, rendered January 31, 1935, re App. No. 42-1935, reads:

"Proposed installation is not permitted by the code of ordinances. It is inconsistent with the conditions under which fire prevention plans were originally approved and modification of section 151, chapter 10 of the code of ordinances adopted May 5, 1931. See chapter 10, section 112 of the code of ordinances, also section 151, chapter 10 of the code of ordinances."

and

WHEREAS, the building is fireproof, 19 stories and pent-house in height, 629 ft. 7 in. by 197 ft. 6 in. in area; OCCUPIED: basement—boiler room, 5 persons; 1st story—railroad freight yard, 50 persons; 2nd story—garage, 70 persons; upper stories—tenant factories, about 200 persons per story; pent house, auto repairs, 20 persons; located within an unrestricted district; and

WHEREAS, the appellant claims the building was erected in 1931, certificate of occupancy issued October 1, 1931, no change of occupancy has been made since; equipped with a sprinkler system and a standpipe system; under Application No. 161 of 1934, approved by the commissioner of buildings, the existing naphtha storage system was installed, consisting of two (2) 550-gallon tanks buried under floor of 1st story and piped to a pump nearby; the naphtha is pumped out in 5-gallon cans, carried by hand to the 8th story, where it is used in the mixing of printer's ink; such practice is considered hazardous by the appellant who proposes to remove the existing pump, install a 1½-inch galvanized pipe line from the present naphtha storage tanks to an electric suction pump in a fireproof room on the 8th story, where it is used in the mixing of ink; the 1½-inch

naphtha supply pipe to be enclosed within a 3-inch pipe for protection, the horizontal line of piping hung from ceiling of 1st story to be about 200 ft. in length, the vertical riser to 8th story about 98 ft. in length, as shown on plans; furthermore, the appellant contends that the proposed installation will reduce the hazard now existing on the premises; and

WHEREAS, this appeal was denied by the board February 26, 1935, and applicant requested a reopening of the case and proposed to provide additional safeguards; and

WHEREAS, this appeal was reopened by vote of the board.

Resolved, that the decision of the commissioner of buildings be and it hereby is *modified* and that the appeal be and it hereby is *granted* as to App. No. 42-1935, permitting naphtha to be conveyed to the 8th floor through 1½ inch pipe, as indicated on revised plans filed with this appeal, marked "received September 17, 1935," on condition that such pipe shall be encased in 3 in. pipe and the 3 in. pipe protected continuously from the storage tanks to the dispensing pump with 3 in. of Portland cement concrete 1-2-4 mix; that this piping shall be so run through the building as to be protected against injury; that there shall at no time be more than 10 gallons of naphtha stored on the 8th floor and that such shall be stored in approved safety cans; that outside of working hours, all naphtha shall be emptied back into the tank; that there shall be a bypass with a manually operated wheel valve installed in the feed line near the tank; that there shall be an electric shut-off on Booster pump at the ground floor level near the pump and at the 8th floor; that this system shall be under the control of a person holding a certificate of fitness and that during working hours such person shall be stationed at all times at the 1st floor level adjacent to the Booster pump; that all pumps, fittings and electric equipment shall be of a type approved by the commissioner; that the Booster pump shall be of a type designed for handling naphtha with spark proof motor and control; that this appeal is *granted* only so long as this equipment is used by the 8th floor tenant in connection with the mixing of printers ink and only so long as the sprinkler system is maintained in accordance with the rules of the Board of Standards and Appeals and the general conditions are maintained substantially to the satisfaction of the administrative official.

APPLIANCES SUBMITTED FOR APPROVAL.

243-35-SA

APPLICANT—Josam Manufacturing Co., owner.

SUBJECT—Josam-Marsh Hair Interceptor (plumbing trap), approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of board, for test and report.

244-35-SA.

APPLICANT—E. L. Woolley Company, owner.

SUBJECT—Woolley Patent Mechanical Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of board and bureau of combustibles of fire department, for test and report.

248-35-SA.

APPLICANT—C. W. Mitchell, for Acme Fire Alarm Co., Inc., owner.

SUBJECT—Acme type 205 polarized vibrating bells, approval of.

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APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of board, for test and report.

249-35-SA.

APPLICANT—C. W. Mitchell, for Acme Fire Alarm Co., Inc., owner.

SUBJECT—Acme High and Low water alarm tank switch, approval of.

APPEARANCES—

For Applicant: None

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of board, for test and report.

164-35-SA.

APPLICANT—Stanley Sales Co., agent, for United Iron Works, owner.

SUBJECT—United Iron Works Centrifugal Pumps for Gasoline and Fuel Oil, Type "M" Motor Mounted Pump—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(164-35-SA)

WHEREAS, this application was filed by the Stanley Sales Co., agent for United Iron Works, owner, for the approval of United Iron Works Centrifugal Pumps for Gasoline and Fuel Oil, Type "M" Motor Mounted Pump; and

WHEREAS, the applicant failed to complete his papers, though duly notified to do so.

Resolved, that the application be and it hereby is dismissed for lack of prosecution.

222-35-SA.

APPLICANT—United States Burner Corp., owner.

SUBJECT—United States Gun Type Oil Burner—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with the report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(222-35-SA)

WHEREAS, United States Burner Corporation, owner, filed August 19, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the United States Gun Type Oil Burner; and

WHEREAS, the device was submitted to the engineer of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the mechanical draft pressure atomizing type and was installed in steam boiler used for heating purposes. The burner is designed to use Nos. 1-2-3-4 commercial grades of fuel oil and consists of the following:

Leland 1/6 H.P. Motor; Webster unit consisting of pump, strainer and regulating valve; Sirocco type fan; and Benjamin nozzle.

Ignition—Electric, Jefferson transformer being used; voltage 110-10,000.

Controls—Penn steam switch and a saftrol, manufactured by Penn Electric Company.

With the oil supply shut off and a cold combustion chamber, the burner was operated, and on two successive tests, the controls shut the burner down in 89 and 91 seconds, respectively. The oil was then turned on and burner operated under actual working conditions. During the period of test, the flame was continuous non-fluctuating and free from smoke and soot. Examination of the combustion chamber showed no undue carbon formations.

As a result of the above test, it is recommended that this burner be approved for industrial, commercial and domestic use, when installed in accordance with the Oil Burner Rules adopted July 12, 1935, by the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as United States Gun Type Oil Burner, for domestic, commercial and industrial installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 4, on condition that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 222-35-SA.

592-32-SA.

APPLICANT—The Ameroil Burner Company, owner.

SUBJECT—Application for Reopening—Consideration of additional names—The Ameroil Range Oil Burner.

APPEARANCES—

For Applicant: George Gerard.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(592-32-SA)

WHEREAS, Sherrard Ewing, for the Ameroil Burner Co., owner, filed December 2, 1932, an application with the Board of Standards and Appeals, for approval of the device known as the Ameroil Oil Burner for Ranges and Stoves; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was installed in an ordinary type kitchen range used for cooking and heating purposes. The burner base consists of an iron casting of two pairs of concentric rings with walls 3/4 in. in height. On each ring are placed four (4) perforated chromium steel shells containing between 17 and 19 per cent chromium.

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The burner castings are supported on a single iron stand and arm. The pedestal supporting the burner is equipped with three leveling screws and a bolt for fastening it to the ash pit of the range. The pedestal supporting the oil reservoir is of pressed steel and has a 10-inch base, which may be firmly fastened to the floor.

The oil supply was from a two-gallon bottle having a metal jacket with two hand grips on it. The metering valves were of the "V" slot type and are manufactured by the maker of the burner.

The front burner was operated and after same was in operation for a period of approximately 30 minutes, the second burner was flooded and there were no explosions or puff-backs.

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction card, and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department;

and

WHEREAS, this device was approved by the board May 21, 1935, and applicant requested permission to market this device as the Silent Heet and Vap-R-Oil in addition to the name Ameroil.

Resolved, that the Board of Standards and Appeals does hereby approve the devices known as the Ameroil Oil Burner for Ranges and Stoves for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least 1/2 inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City.
Under Cal. No. 592-32-SA

Only an Approved Safety Can Shall Be Used in Filling This Storage Container.

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner, shall, within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

Resolved, further, that the resolution adopted by the board on May 21, 1935, be and it hereby is amended, by adding thereto the following:

"that this device may also be marketed under the names Silent Heet and Vap-r-oil on condition that under whichever name marketed, the device shall comply with the resolution adopted by the board on May 21, 1935, in all respects."

294-34-SA.

APPLICANT—Ansonia Fire Prevention Engineering Co., Inc., for N. Dickstein Co., Inc., owner.

SUBJECT—Prestomatic Oil Burner—amendment of resolution.

APPEARANCES—

For Applicant: Herman E. Horwood.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(294-34-SA)

WHEREAS, Ansonia Fire Prevention Engineering Co., Inc., for N. Dickstein Co., Inc., owner, filed October 18, 1934, an application with the Board of Standards and Appeals, for approval of the device known as the Prestomatic Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report and a report made thereon; and

WHEREAS, the applicant requested an amendment of the report to include a new type of pump and a trip switch; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles approved by the acting deputy chief of department in charge of bureau of combustibles, as amended, was substantially as follows:

This burner is designed for use in tailor shop pressing boiler machines and the assembly consists of the following:

A burner unit; stainless steel generator tube; Holtzer Cabot 1/20 H.P. motor; Tuthill Fuel Stat pump; Hanson pressure regulator and steam control valve and a 6-gal. steel tank, which has been approved by the National Board of Fire Underwriters. The piping used to connect the various parts is extra heavy copper tubing protected by BX cable and iron conduit piping.

Control—The Stack control manufactured especially for this type of burner by the Penn Electric Com-

MINUTES

pany. The burner unit consists of a circular iron casting, perforated with holes on the top which holes are fitted with lava burner tips. Suspended above the burner casting is a long "U" shaped generator tube which is connected directly to the oil supply line and is used for vaporizing the oil. Connected to the burner by rigid iron piping is a gas connection and cock.

When the burner is started the gas flame is ignited and when the heat in the stack is raised sufficiently high, the circuit is closed and the motor and pump begin to operate, supplying the oil to the burner. The gas is then shut off and the burner works automatically. When the steam pressure reaches a certain prescribed limit, namely 60 pounds, the Hanson regulating valve decreases the supply of oil and the burner operates on a low flame until the pressure has fallen to 45 pounds, when the Hanson valve again permits a full flow of oil to the burner.

The stack control is so timed that if a break in the line occurs, it will shut down the operation of the motor and pump within 30 to 70 seconds. The operation of this stack control was tested twice by disconnecting the oil supply line at the shut off valve between the discharge side of the pump and the burner. On both occasions, the burner was shut down in 30 and 65 seconds, respectively.

The quantity of oil delivered through the break in the line was reassured and was found on no occasion to exceed approximately one-half pint. The floor underneath the boiler and burner was protected by two iron plates having a layer of $\frac{1}{4}$ in. asbestos between them and extending beyond the horizontal outline of the boiler. As a further protection, a fine mesh galvanized iron wire screen completely encloses the open spaces about the bottom of the boiler.

As a result of our inspection and test of this burner, it is recommended that this burner be approved for industrial and commercial use for oil not heavier than No. 3, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals, and in accordance with the recommendations suggested which shall be incorporated in the instruction card which must be placed near the burner in each installation;

and

WHEREAS, it appears that this device has been approved by the Underwriters Laboratories Guide No. 220 E. 19Y July 13, 1935, Laboratories File K86.

Resolved, that the Board of Standards and Appeals does hereby approve the Prestomatic Oil Burner, for commercial and industrial installations for use with range oil or fuel oil not heavier than No. 3, on condition that this device shall be installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals, as modified and supplemented by the following conditions:

1. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floor or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
2. That the stand supporting the burner in the fire box of the boiler shall be securely bolted to the bottom thereof.
3. The oil supply container and pump to be mounted on a common base shall be firmly anchored to the floor and at a distance of at least 60 in. from the boiler in which the device is installed.
4. Only approved safety cans shall be used for the storage and filling of oil containers.
5. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the boiler in which the device is installed.
6. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
UNDER CAL. NO. 294-34-SA.
For Use in New York City.

Only an Approved Safety Can Shall Be Used in
Filling This Storage Container.

7. That the tank shall be set rigidly in a cup shaped base receptacle of sufficient capacity to contain $\frac{1}{3}$ the contents of the tank in case of leakage.
8. That the device shall be connected by a suitable flue pipe to a legal chimney or to the outer air, this flue to be provided with a suitable stack check to nullify down draft.
9. That the boiler and fire box shall be surrounded by a suitable fire retarded or metal shield extending at least 12 in. beyond the outline of the boiler to the height of the top thereof. This shield shall be set firmly on the fire retarded floor and may be open at the bottom for a distance of 8 in. above the floor, except for 4 metal supports, the open portion to be protected by galvanized wire screen $\frac{1}{4}$ in. mesh.
10. The storage of oil shall be limited to not more than 2 five gallon safety cans in reserve unless the installation is made in complete conformity with the oil burner rules.
11. The board reserves the right to add additional requirements if and when such additional requirements are deemed necessary.

Adjourned, 4:45 p. m.

EDWARD V. BARTON, *Chief Clerk.*

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan at three cents each—postage to be added if the forms are forwarded by mail.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

THIRD QUARTERLY REPORT

CITY OF NEW YORK BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

MUNICIPAL BUILDING

October 8, 1935.

Hon. Fiorello H. LaGuardia,
Mayor, The City of New York,
City Hall, New York City.

DEAR SIR:

I have the honor to submit to you the Third Quarterly Report of the Board of Standards and Appeals for the year 1935. This report is being submitted to you in accordance with the provisions of the Charter, Section 1544, and will also be printed in the Bulletin of the Board.

CASES FILED AND PENDING, 1935

FILED 1935	A	BZ	S	SA	SR	M'L	T'L	GR.T'L
JANUARY	11	9	3	5	0	97	125	..
Restored	0	7	0	0	0	0	7	132
FEBRUARY	10	6	0	9	0	29	54	..
Restored	0	5	0	1	0	0	6	60
MARCH	13	16	1	4	0	65	99	..
Restored	0	7	0	0	0	0	7	106
APRIL	7	11	0	8	0	66	92	..
Restored	3	12	0	1	1	0	17	109
MAY	3	16	1	8	0	39	67	..
Restored	1	8	0	1	0	0	10	77
JUNE	10	10	0	21	0	59	100	..
Restored	0	12	0	2	0	0	14	114
JULY	11	8	1	4	0	55	79	..
Restored	2	13	0	2	1	0	18	97
AUGUST	7	5	1	11	0	0	24	..
Restored	0	0	0	0	0	0	0	24
SEPTEMBER	7	14	0	13	1	60	95	..
Restored	3	17	0	3	0	0	23	118
TOTAL	88	176	7	93	3	470	837	837
PENDING								
Dec. 31, 1934....	23	71	2	65	2	0	163	163
GRAND TOTAL...	111	247	9	158	5	470	1000	1000
DISPOSITION								
1935								
JANUARY	7	18	1	11	0	97	134	..
FEBRUARY	10	17	3	13	0	29	72	..
MARCH	17	19	2	7	0	65	110	316
APRIL	15	19	0	4	1	66	105	..
MAY	6	21	0	11	0	39	77	..
JUNE	9	19	1	8	0	59	96	278
JULY	13	30	0	9	1	55	108	..
AUGUST	0	0	0	0	0	0	0	..
SEPTEMBER	9	22	2	3	0	60	96	204
TOTAL	86	165	9	66	2	470	798	798
PENDING								
Sept. 30, 1935.	25	82	0	92	3	0	202	202

Code: A—Appeals from Administrative Orders. BZ—Applications under Building Zone Resolution. S—Applications for Variations of Labor Law. SA—Applications for Approval of Appliances. SR—Applications for Adoption of Rules. M'L—Miscellaneous Docket.

THIRD QUARTERLY REPORT

SUMMARY

DOCKET.

Cases pending December 31, 1934	163
Cases filed up to September 30, 1935	265
Restored to Calendar	102

MISCELLANEOUS APPLICATIONS.

Requests to reopen	293
Requests to amend	108
Requests for modification	0
Requests to rescind	6
Requests for extension of time	47
Requests for extension of permit	8
Requests for mechanical installations	0
Requests for approval of plans	8
Administrative requests	0
Requests for interpretation	0
Total	1000
Disposed of	798
Cases pending September 30, 1935	202

DISPOSITION OF CASES.

Withdrawn	28
Dismissed	13
Denied	69
Granted	4
Granted on condition	146
Appliances approved	59
Appliances dismissed, disapproved or withdrawn.....	7
Rules approved	2
Rules disapproved, rescinded or withdrawn	0

MISCELLANEOUS ACTIONS.

Requests to reopen granted	268
Requests to reopen denied	5
Requests to amend granted	108
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	6
Requests to rescind denied	0
Requests for extension of time granted	47
Requests for extension of time denied	0
Requests for extension of permit granted	8
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	20
Total	798

MONEYS RECEIVED

SUBSCRIPTIONS	JULY	AUG.	SEPT.	TOTAL	1st QUAR.	2nd QUAR.	GR. T'L.
To Bulletin	\$47.50	\$32.50	\$62.50	\$142.50	\$190.00	\$215.00	\$547.50
Cash Sales	33.20	33.65	38.83	105.68	109.63	109.61	324.92
Paid to Chamberlain	\$80.70	\$66.15	\$101.33	\$248.18	\$299.63	\$324.61	\$872.42

EDWARD V. BARTON, *Chief Clerk.*

HARRIS H. MURDOCK, *Chairman.*

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APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Crocker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Crocker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

RULES

Plumbing, Drainage, Water Supply, Gas Piping and Ventilation of Buildings.

Adopted by the Superintendents of Buildings, Effective April 23, 1912; Amended by the Board of Standards and Appeals, July 5, 1917; December 27, 1918; March 8, 1921; October 21, 1921; July 17, 1923; January 8, 1924; May 5, 1931, and November 12, 1931.

Filings of Drawings, Descriptions, Etc.

1. Drawings and triplicate descriptions, on forms furnished by the Department of Buildings for all Plumbing and Drainage, shall be properly filled in, and filed by the owner or architect in the said Department. The plans must be drawn to scale in ink, on cloth, or they must be cloth prints of such scale drawings, and shall consist of such floor plans and sections as may be necessary to show clearly all plumbing work to be done, and must show partitions and methods of ventilating water-closet apartments.

2. The said plumbing and drainage shall not be commenced or proceeded with until said drawings and descriptions shall have been so filed and approved by the Commissioner of Buildings.

3. No modification of the approved drawings and descriptions will be permitted unless either amended drawings and triplicate descriptions, or an amendment to the original drawings and descriptions, covering the proposed change or changes, are so filed and approved by the Commissioner of Buildings.

4. The drainage and plumbing of all buildings, both public and private, shall be executed in accordance with the rules and regulations of the Department of Buildings.

5. Repairs or alterations of plumbing or drainage may be made without filing drawings and descriptions in the Department of Buildings, but such repairs or alterations shall not be construed to include cases where new vertical lines or horizontal branches of soil, waste, vent or leader pipes are proposed to be used.

6. Notice of such repairs or alterations shall be given to the said bureau before the same are commenced in such cases as shall be prescribed by the rules and regulations of the said bureau, and the work shall be done in accordance with the said rules and regulations.

7. Where repairs or alterations, ordered by the Board of Health or Tenement House Department for sanitary reasons, include cases where new vertical and horizontal lines of soil, waste, vent or leader pipes are proposed to be used or old ones replaced, drawings and descriptions must be filed with and approved by the Commissioner of Buildings before the same shall be commenced or proceeded with.

8. Repairs and alterations may comply in all respects with the weight, quality, arrangement and venting of the rest of the work in the building. Except when an existing soil, waste or vent line has been damaged by fire or other causes to the extent of 50 per cent or more of its entire length, same must be replaced by new lines installed in accordance with the rules and regulations governing new lines.

9. No plumbing and drainage or any part thereof shall be commenced until the plumber who is to do the work shall sign the specifications and make affidavit that he is duly authorized to proceed with the work. Affidavit must give the name and address of owner and plumber, etc. No registered plumber shall sign the specifications and act as the agent for a plumber who has not obtained a certificate of competency from the Examining Board of Plumbers as an Employing or Master Plumber. A violation of this rule will be deemed a sufficient reason by the Commissioner of Buildings for the cancellation of a Certificate of Registration, in accordance with Chapter 803, Laws of 1896.

10. One set of specifications will be received for not more

than ten houses, and then only when on adjoining lots and houses are exactly alike.

11. Written notices must be given to the Commissioner of Buildings by the plumber when any work is begun, and at such times as the work is ready for inspection.

Definition of Terms.

12. The term "private sewer" is applied to main sewers that are not constructed by and under the supervision of the Department of Public Works.

13. The term "house sewer" is applied to that part of the main drain or sewer extending from a point two feet outside of the outer front wall of the building, vault or area to its connection with public sewer, private sewer or cesspool.

14. The term "house drain" is applied to that part of the main horizontal drain and its branches inside the walls of the building, vault or area and extending to and connecting with the house sewer.

15. The term "soil line" is applied to any vertical line of pipe having outlets above the floor of first story for water closet connections.

16. The term "waste line" is applied to any vertical line of pipe having outlets above the first floor for fixtures other than water closet.

17. The term "vent pipe" is applied to any special pipe provided to ventilate the system of piping and to prevent trap siphonage and back pressure.

Materials and Workmanship.

18. All materials must be of the best quality, free from defects, and all work must be executed in a thorough, workmanlike manner.

19. All cast-iron pipes and fittings must be uncoated, sound, cylindrical and smooth, free from cracks, and holes and other defects, and of uniform thickness.

20. Pipe, including the hub, shall weigh not less than the following average weights per linear foot:

Diameters	Weights per Linear Foot	
	Standard	Extra Heavy
2 inches.....	3 3/5	5 1/2 pounds
3 inches.....	5 1/5	9 1/2 pounds
4 inches.....	7	13 pounds
5 inches.....	9	17 pounds
6 inches.....	11	20 pounds
7 inches.....	14	27 pounds
8 inches.....	17	33 1/2 pounds
10 inches.....	23	45 pounds
12 inches.....	33	54 pounds

Standard pipe may be used above ground in residence buildings not exceeding two stories and basement in height. In all other buildings extra heavy pipe shall be used.

21. The size, weight and maker's name must be cast on each length of pipe.

22. All joints must be made with picked oakum and molten lead and be made gas tight. Twelve ounces of fine, soft pig lead must be used at each joint for each inch in the diameter of the pipe when extra heavy pipe is used, and nine ounces when standard pipe is installed.

23. All wrought iron and steel pipes must be equal in quality to "standard" and must be properly tested by the manufacturer. All pipe must be lap-welded. No plain black or uncoated pipe will be permitted.

24. All wrought iron or steel water supply, vent, waste and soil pipes must be galvanized.

RULES

25. Where galvanized wrought iron or steel pipe is required the fittings used on same must also be galvanized.

26. Fittings for waste or soil and refrigerator waste pipes must be cast-iron recessed and threaded drainage fittings, with smooth interior waterway, and threads tapped, so as to give a uniform grade to branches of not less than one-fourth of an inch per foot.

27. Short nipples on wrought iron or steel pipe, where the unthreaded part of the pipe is less than one and one-half inches long, must be of the thickness and weight to correspond to weight of pipe.

28. The pipe shall not be less than the following average thickness and weight per linear foot:

Diameters	Thicknesses	Weights per Linear Foot
1½ inches.....	.14 inches	2.68 pounds
2 inches.....	.15 inches	3.61 pounds
2½ inches.....	.20 inches	5.74 pounds
3 inches.....	.21 inches	7.54 pounds
3½ inches.....	.22 inches	9.00 pounds
4 inches.....	.23 inches	10.66 pounds
4½ inches.....	.24 inches	12.34 pounds
5 inches.....	.25 inches	14.50 pounds
6 inches.....	.28 inches	18.76 pounds
7 inches.....	.30 inches	23.27 pounds
8 inches.....	.32 inches	28.18 pounds
9 inches.....	.34 inches	33.70 pounds
10 inches.....	.36 inches	40.06 pounds
11 inches.....	.37 inches	45.02 pounds
12 inches.....	.37 inches	48.98 pounds

29. All brass pipe for soil, waste and vent pipes and solder nipples must be thoroughly annealed, drawn, brass tubing, of standard iron-pipe gauge.

30. Connections on brass pipe and between brass pipe and traps on iron pipe must not be made with slip joints of couplings. Threaded connections on brass pipe must be of the same size as iron pipe thread for same size of pipe and be tapered.

31. The following average thicknesses and weights per linear foot will be required:

Diameters	Thicknesses	Weights per Linear Foot
1½ inches.....	.14 inches	2.84 pounds
2 inches.....	.15 inches	3.82 pounds
2½ inches.....	.20 inches	6.08 pounds
3 inches.....	.21 inches	7.92 pounds
3½ inches.....	.22 inches	9.54 pounds
4 inches.....	.23 inches	11.29 pounds
4½ inches.....	.24 inches	13.08 pounds
5 inches.....	.25 inches	15.37 pounds
6 inches.....	.28 inches	19.88 pounds

32. Where light or heavy pipe is used, brass ferrules must be of best quality cast brass, not less than 4 inches long and 2 inches and 3 inches and 4 inches in inside diameter and not less than the following weights:

Diameters	Weights
2 inches.....	1 pound 0 ounces
3 inches.....	1 pound 12 ounces
4 inches.....	2 pounds 8 ounces

33. One and one-half inch ferrules are not permitted.

34. Soldering nipples must be heavy cast brass or of brass pipe, iron pipe-size. When cast they must not be less than the following weights:

Diameters	Weights
1½ inches.....	0 pound 8 ounces
2 inches.....	0 pound 14 ounces
2½ inches.....	1 pound 6 ounces
3 inches.....	2 pounds 0 ounces
4 inches.....	3 pounds 8 ounces

35. Brass screw caps for cleanouts must be extra heavy, not less than one-eighth of an inch thick. The screw cap must have a solid square or hexagonal nut, not less than one inch high, with a least diameter of one and one-half inches. The body of the cleanout ferrule must be at least equal in weight and thickness to the caulking ferrule for the same size of pipe.

36. Where cleanouts are required by rules and by the approved plans, the screw cap must be of brass. The engaging part must have not less than six threads of iron-pipe size and be tapered. Cleanouts must be of full size of trap up to four inches in diameter, and not less than four inches for larger traps.

37. The use of lead pipes is restricted to the short branches of the soil and waste pipes, bends and traps, roof connections of inside leaders.

"Short branches" of lead pipe shall be construed to mean not more than:

8 feet of.....	1½ inch pipe
5 feet of.....	2 inch pipe
2 feet of.....	3 inch pipe
2 feet of.....	4 inch pipe

38. All connections between lead pipes and between lead and brass or copper pipes must be made by means of "wiped" solder joint.

39. All lead waste, soil, vent and flush pipes must be of the best quality, known in commerce as "D," and of not less than the following weights per linear foot:

Diameters	Weights per Linear Foot
1¼ inch (for flush pipes only).....	2½ pounds
1½ inches.....	3 pounds
2 inches.....	4 pounds
3 inches.....	6 pounds
4 and 4½ inches.....	8 pounds

40. All lead traps and bends must be of the same weights and thicknesses as their corresponding pipe branches. Sheet lead for roof flashings must be six-pound lead, and must extend not less than six inches from the pipe, and the joint made watertight.

41. Copper tubing, when used for inside leader roof connections, must be seamless drawn tubing, not less than 22 gauge, and when used for roof flashings must be not less than 18 gauge.

General Regulations.

42. Each building must be separately and independently connected with a public or private sewer, or cesspool, except where a building is located on the rear of the same lot with another building, when its plumbing and drainage system may be connected to the house-drain of the front build-

RULES

ing behind the house trap and fresh air inlet which shall be used for both buildings if sewer connected; or may be connected to an existing cesspool of front house and be provided with a separate house trap and fresh air inlet.

43. Every building must have its sewer connections directly in front of the building, unless permission is otherwise granted by the Commissioner of Buildings.

44. Where there is no sewer in the street or avenue, and it is possible to construct a private sewer to connect in an adjacent street or avenue, a private sewer may be constructed, to be used in common for one or more buildings. It must be laid outside the curb under the roadway.

45. Cesspool and privy vaults will be permitted only after it has been shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary.

46. When allowed, they must be constructed strictly in accordance with the terms of the permit issued by the Commissioner of Buildings.

47. Cesspools must not be used as privy vaults nor can privy vaults be used as cesspools. Cesspool and privy vaults must be located at least 15 feet from any building and on the same lot as building for which their use is intended. Walls of cesspools and privy vaults when constructed of brick must be 8 inches thick; if of stone, 18 inches thick. Bottoms of cesspools and privy vaults must be of stone concrete 6 inches thick. The entire interior surface of cesspools and privy vaults must be finished with a coating of Portland cement mortar 1 inch thick.

48. As soon as it is possible to connect with a public sewer, the owner must have the cesspool and privy vault emptied, cleaned and disinfected and filled with fresh earth, and have a sewer connection made in the manner herewith prescribed.

49. All pipe lines must be supported at the base on brick masonry, or by heavy iron hangers from the cellar ceiling-beams, and along the line by heavy iron hangers at intervals of not more than ten feet.

50. All pipes, issuing from extensions or elsewhere, which would otherwise open within 20 feet of the window of any building, must be extended above the top of any window located within such distance. When a building exceeds in height that of an adjoining building, and windows or openings are cut in the wall on the lot line within 20 feet of the roof terminal of any soil, waste or vent line now in place or subsequently installed in the lower building, the owner of the higher building shall defray the expense of extending said soil, waste or vent lines above the roof of the higher building, or shall himself make such alteration.

51. The arrangement of all pipes must be as straight and direct as possible. Offsets will be permitted only when unavoidable.

52. All pipes and traps should, where possible, be exposed to view. They should always be readily accessible for inspection and repairing.

53. In every building where there is a leader connected to the drain, if there are any plumbing fixtures, there must be at least one four (4) inch pipe extending above the roof for ventilation.

Yard, Area and Other Drains.

54. All yards, areas and courts exceeding 15 square feet in area must be drained into the sewer. A shaft open at the top not exceeding 25 square feet in area, and which cannot be connected in back of a leader, yard, court or area drain trap, may be drained into a publicly-placed, water-supplied, properly-trapped and vented slop sink.

55. These drains, when sewer-connected, must have con-

nections not less than three inches in diameter. They should be controlled by one trap—the leader trap, if possible.

56. Floor drains will only be permitted when it can be shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary and arrangements made to maintain a permanent water seal in the traps.

57. Cellar drains may be connected in back of and controlled by a leader, yard, court or area drain trap which need not be vented.

58. Subsoil drains should discharge into a sump or receiving tank, the contents of which if discharged by gravity may be discharged into a rain leader, yard, court or area drain behind the trap controlling same or may be discharged through a properly-trapped and vented, water-supplied receptacle. Where mechanical force is required to discharge the contents into the plumbing and drainage system, a proper automatic cut-off or check valve must be provided on the connection between house-drain and apparatus used for raising the contents of sump-pit.

59. The contents of settling chamber or dust receptacle for vacuum cleaners may be discharged into a Plumbing and Drainage system, the same as sub-soil drain sump-pits.

Leaders.

60. Every building shall be kept provided with proper metallic gutters and rain leaders for conducting water from all roofs in such manner as shall protect the walls and foundations from injury. In no case shall the water from any rain leader be allowed to flow upon the sidewalk or adjoining property, but the same shall be conducted by proper pipes to the sewer. If there be no sewer in the street upon which the building fronts, then the water from said leaders may be conducted by proper pipes laid below the surface of sidewalk to the street gutter, or may be conducted by extra heavy cast-iron pipe to a leeching cesspool located at least 20 feet from any building. No plumbing fixtures shall discharge into a leeching cesspool.

61. Inside leaders must be made of cast-iron, wrought iron or steel, with roof connections made gas and water tight by means of a heavy lead or copper-drawn tubing wiped to a brass ferrule or nipple caulked or screwed into the pipe.

62. Outside leads may be made of sheet metal, but they must connect with the house drain by means of a cast-iron pipe extending vertically five feet above the grade level.

63. Leaders must be trapped with cast-iron running traps so placed as to prevent freezing.

64. Rain-water leaders must not be used as soil, waste or vent pipes, nor shall any such pipe be used as a leader.

The House Sewer, House Drain, House Trap and Fresh Air Inlet.

65. Old house sewers may be used in connection with new buildings or new plumbing only when they are found, on examination by the plumbing inspector, to conform in all respects to the requirements governing new sewers.

66. When a proper foundation consisting of a natural bed of earth, rock, etc., can be obtained, the house sewer can be of earthenware pipe.

67. Where the ground is made or filled in, or where the pipes are less than three feet deep, or in any case where there is danger of settlement by frost or from any cause, and when cesspools are used, the house sewer must be of extra heavy cast-iron pipe, with lead-caulked joints.

68. No earthenware house-drain, when found in a leaky or defective condition, shall be repaired or replaced except with heavy cast-iron pipe.

69. The house-drain and its branches must be of extra heavy cast iron when under ground, and of extra heavy

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cast iron or galvanized wrought iron or steel when above ground, except as provided in Rule 20 of these rules.

70. The house drain must properly connect with the house sewer at a point two feet outside of the outer front vault or area wall of the building. An arched or other proper opening must be provided for the drain in the wall to prevent damage by settlement.

71. The house drain if above the cellar floor must be supported at intervals of ten feet by eight-inch brick piers or suspended from the floor beams, or be otherwise properly supported by proper hangers placed not more than 10 feet apart.

72. No steam-exhaust, boiler blow-off or drip-pipe shall be connected with the house-drain. Such pipes must first discharge into a proper condensing tank, and from this a proper outlet to the house sewer outside of the building must be provided. In low pressure steam systems the condensing tank may be omitted, but the waste connections must be otherwise as above required.

73. The house-drain and house-sewer must be run as direct as possible, with a fall of at least one-quarter inch per foot, all changes in direction made with proper fittings, and all connections made with Y branches and one-eighth and one-sixteenth bends.

74. The house-sewer and house-drain must be at least four inches in diameter when receiving the discharge of a water-closet. Where rain leaders are connected to the plumbing system, the sizes of house-sewer, house-drain and leader connections shall be computed according to the square feet of area drained into them. No house-sewer or house-drain shall be of less diameter than the largest line of pipe connected thereon. The following table is the maximum area allowed to drain into pipes of given diameter:

Diameter of Pipe	Fall ¼ Inch per Foot	Fall ½ Inch per Foot
3.....	1,200 square feet	1,500 square feet
4.....	2,500 square feet	3,200 square feet
5.....	4,500 square feet	6,000 square feet
6.....	8,000 square feet	10,000 square feet
7.....	12,400 square feet	15,600 square feet
8.....	18,000 square feet	22,500 square feet
9.....	25,000 square feet	31,500 square feet
10.....	41,000 square feet	59,000 square feet
12.....	69,000 square feet	98,000 square feet

75. Full size Y and T branch fittings for handhole cleanouts must be provided where required on house-drain and its branches. No cleanout need be larger than 6 inches in diameter.

76. An iron running trap must be placed in the house-drain near the front wall of the house, and on the sewer side of all connections, except a Y fitting used to receive the discharge from an automatic sewage lift, oil separator, or a drip-pipe where one is used. If placed outside of the house or below the cellar floor, it must be made accessible in a brick manhole, the walls of which must be eight inches thick, with an iron or flagstone cover. When outside the house it must never be less than three feet below the surface of the ground.

77. When the plumbing system of any building is altered by the addition of a new soil, waste or vent line to the extent of 50 per cent. or more, and no house trap and fresh air inlet or leader trap exists on the house-drain, same shall be provided.

78. The house trap must have two cleanouts, with brass screw cap ferrules caulked in.

79. A fresh-air inlet pipe must be connected with the house-drain just inside of the house trap and extended to the outer air, terminating with open end at least one foot

above the grade at most available point to be approved by the Commissioner of Buildings and shown on plans. The fresh-air inlet pipe shall be one-half the diameter of house-drain but not less than 4 inches in diameter.

80. No curb box or similar device with grating placed in sidewalk will be permitted for fresh air inlets.

Soil and Waste Lines.

81. All main, soil, waste or vent pipes must be of iron, steel or brass.

82. When they receive the discharge of fixtures on any floor above the first, they must be extended in full calibre at least one foot above the roof coping, and well away from all shafts, windows, chimneys or other ventilating openings. When less than four inches in diameter, they must be enlarged to four inches at a point not less than one foot below the roof surface by an increaser not less than nine (9) inches long.

83. No caps, cowls or bends shall be affixed to the top of such stack.

84. In all buildings, wire baskets must be securely fastened into the opening of each pipe in an accessible position. When roofs are used for drying purposes or roof gardens, all pipes shall be extended to a height of seven feet.

85. Necessary offsets above the highest branch must not be made at an angle of less than forty-five degrees to the horizontal.

86. Soil and waste pipes must have proper Y or TY branches for all fixture connections.

87. No connection to lead branches for water-closets or slop sinks will be permitted, except the required branch vent.

88. Branch soil and waste pipe must have a fall of at least one-quarter inch per foot.

89. Short TY branches will be permitted on vertical lines only. Long one-quarter bends and long TY's are permitted. Short one-quarter bends and double hubs, short roof increasers and common offsets, and bands and saddles are prohibited.

90. The diameters of soil and waste pipes must not be less than those given in the following table:

Main soil stacks in buildings serving not more than two sets of fixtures in four or less stories	4	inches
Main soil stacks in residence buildings serving not more than two sets of fixtures in five or six stories.....	4	inches
Main soil stacks in all other cases.....	5	inches
Branch soil pipes for not more than four water-closets	3	inches
Branch soil pipes for more than four water-closets	4	inches
Main waste stacks.....	2	inches
Main waste stacks for kitchen sinks on six or more floors.....	3	inches
Branch waste pipes for slop sinks.....	3	inches
Branch waste pipes for laundry tubs.....	1½	inches
When set in ranges of three.....	2	inches
Branch waste for kitchen sinks.....	2	inches
Branch waste for urinals.....	2	inches
Branch waste for other fixtures.....	1½	inches

A set of fixtures, as used in this rule, shall include not more than one water-closet, one bath tub, one wash basin, one sink and two laundry trays.

Vent Pipes.

91. All traps, except approved anti-syphon traps connected to main waste or soil lines or to the house drain

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by branch piping not over seven (7) feet in length with a fall not exceeding two (2) inches per foot, shall be protected from siphonage and back-pressure by special lines of vent pipes; provided that where approved deep-seal siphon-pet water closet or slop sink fixtures are installed with branch piping not over five (5) feet in length from fixture to main soil or waste line, the vent pipe may be omitted for such fixtures in buildings not over eight (8) stories in height, and where the main soil or waste line is made one inch larger in diameter than required by these rules, the vent pipe may also be omitted for such fixtures in buildings over eight (8) stories in height.

92. All vent pipe lines and main branches must be of iron, steel or brass. They must be increased in diameter and extended above the roof as required for waste pipes. They may be connected with the adjoining soil or waste line well above the highest fixture, but this will not be permitted when there are fixtures on more than six floors.

93. All offsets must be made at an angle of not less than forty-five degrees to the horizontal, and all lines must be connected at the bottom with a soil or waste pipe or the drain in such a manner as to prevent the accumulation of rust scale.

94. Branch vent pipes shall be kept above the top of all connecting fixtures, so as to prevent the use of vent pipes as soil pipes or waste pipes. Branch vent pipes should be connected not less than six inches nor more than two feet from crown of trap or side of lead bend.

95. Except where "yoke type" ventilation is installed, vent connection for water-closets and slop sinks must be made from the branch soil or waste pipe just below the trap of the fixture, and the branch vent pipe must be so connected as to prevent obstruction, and no waste pipe connected between it and the fixture. Earthenware traps must have no vent horns.

"Yoke type" ventilation shall be taken to mean a cross connection, by means of a horizontal branch soil or waste pipe, between the main soil or waste line and the vent line, and in which the connection between the branch pipe and the vent line is made at least six (6) inches above the line of fixtures discharging into such branch pipe.

96. No sheet metal, brick or other flue shall be used as a vent pipe.

97. The sizes of vent pipes throughout must not be less than the following:

For main vents, two inches in diameter; for water-closets on three or more floors, three inches in diameter; for other fixtures on less than seven floors, two inches in diameter; three-inch vent pipe will be permitted for less than nine stories; for more than eight and less than sixteen stories, four inches in diameter; for more than fifteen and less than twenty-two stories, five inches in diameter; for more than twenty-one stories the size of the vent pipe shall be determined by the Commissioner of Buildings.

For fixtures other than water-closets and slop sinks and for more than eight stories, vent pipes may be one inch smaller in diameter than above stated.

For long branch vent pipes over 10 feet in length but not exceeding 25 feet, two inches in diameter; when over 25 feet in length but not exceeding 50 feet, three inches in diameter. No branch vent pipe can exceed 50 feet in length, nor can any main vent be of less diameter than the largest branch vent connecting to same.

98. When the plumbing fixtures installed in any building are arranged in groups of batteries, "yoke type" ventilation may be installed, provided that for batteries of water-closets each fixture shall be set not more than two (2) feet distant from the horizontal branch soil pipe into which it discharges, and for batteries of fixtures other than water-

closets each fixture shall be so located that its trap will be not more than two (2) feet distant from the horizontal branch waste line into which it discharges. When the ordinary type of venting is installed and the number of branch or back vents from the traps of fixtures connecting to any main branch vent exceeds the number and size given in the following table, a 3-inch main branch vent must be provided for the additional vent connections.

2-1½ inch branches on a 1½ inch main branch.	
4-2 inch branches on a 2 inch main branch.	
7-1½ inch branches on a 2 inch main branch.	
2-2 } inch branches on a 2 inch main branch.	
4-1½ } inch branches on a 2 inch main branch.	
1-2 } inch branches on a 2 inch main branch.	
5-1½ } inch branches on a 2 inch main branch.	

Traps.

99. No form of trap will be permitted to be used unless it has been approved by the Commissioner of Buildings or the Board of Standards and Appeals.

No anti-siphon trap or deep-seal siphon-jet fixture shall be approved until it has successfully passed such test as may be prescribed by the Board of Standards and Appeals.

100. No masons' cesspool, bell, pot, bottle or D-trap will be permitted, nor any form of trap that is not self-cleaning, nor that has interior chamber or mechanism, nor any trap except earthenware ones that depend upon interior partitions for a seal. Backwater or tide valves will only be permitted when it can be shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary and of a type as approved by him.

101. Every fixture must be separately trapped by a water-sealing trap placed as close to the fixture outlet as possible, and no trap shall be placed more than 2 feet 0 inches from any fixture.

102. A set of not more than three wash trays may connect with a single trap, or into the trap of an adjoining sink, provided both sink and tub waste outlets are on the same side of the waste line, and the sink is nearest the line. When so connected, the waste pipe from the wash trays must be branched in below the water-seal.

103. The discharge from any fixture must not pass through more than one trap before reaching the house-drain.

104. All traps must be well supported and set true with respect to their water levels.

105. All fixtures, other than water-closets and urinals, must have strong metallic strainers or bars over the outlets to prevent obstruction of the waste pipe.

106. All exposed or accessible traps, except water-closet traps, must have brass trap screws for cleaning the trap placed on the inlet side, or below the water level.

107. All iron traps for house-drain, yard and other drains and leaders must be running traps with handhole cleanouts of full size of the traps, when same are less than five (5) inches. All traps under ground must be made accessible by brick manholes with proper covers.

108. Overflow pipes from fixtures must in all cases be connected on the inlet side of traps.

109. All earthenware traps must have approved heavy brass floor plates properly secured to the branch soil pipe and bolted to the trap flange, and the joint made gas-tight. The use of rubber washers for floor connections is prohibited. All floor flanges must be set in place and inspected before any water-closet is set thereon.

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110. No trap shall be placed at the foot of main soil and waste pipe lines.

111. Every plunge bath shall be provided with a trap at least four inches in diameter, the waste from trap to bath to be reduced to two inches in diameter and this waste to be controlled by a gate valve. Overflow pipes, if provided, must be connected on inlet side of trap. Except where an approved anti-siphon trap is installed in the manner specified in Rule 91, such trap must be ventilated by a separate vent line extended above the roof, of the same size as trap and water connection.

112. The sizes for traps must not be less than those given in the following table:

Traps for water-closets.....	4	inches in diameter
Traps for slop sinks.....	3	inches in diameter
Traps for kitchen sinks.....	2	inches in diameter
Traps for wash trays.....	2	inches in diameter
Traps for urinals.....	2	inches in diameter
Traps for shower-baths.....	2	inches in diameter
Traps for other fixtures.....	1½	inches in diameter

Traps for leaders, area, floor and other drains must be at least 3 inches in diameter.

113. Every dental cuspidor must be separately trapped by a trap of at least one and one-half (1½) inches in diameter, which shall be vented except where an approved anti-siphon trap is installed in the manner specified in Rule 91, and placed as close to the fixture as possible. The connection between trap and cuspidor may be three-quarters (¾) of an inch in diameter.

114. No plumbing fixtures, except bar sinks, soda fountains or drinking fountains, shall be installed with an indirect waste connection to the plumbing and drainage system. The waste of every bar sink, soda fountain and drinking fountain, if not directly connected, must discharge over a properly water-supplied, trapped sink, with trap vented, unless an approved anti-siphon trap is installed in the manner specified in Rule 91. The main waste lines shall be two (2) inches in diameter, and the branches to fixtures at least one and one-half (1½) inches in diameter. Drinking fountains must be trapped and the waste line extended through the roof. No vent connections need be provided.

Safe and Refrigerator Waste Pipes.

115. Safe and refrigerator waste pipes must be of galvanized iron, and be not less than 1¼ inches in diameter nor larger than 1½ inches in diameter with pipe branches at least 1 inch in diameter with strainers over each inlet.

116. Safe and refrigerator waste pipes shall not be trapped. They must discharge over a properly water-supplied, trapped sink, with trap vented unless an approved anti-siphon trap is installed in the manner specified in Rule 91, such sink to be publicly placed, and not more than 4 feet above the floor. In no case shall any refrigerator or safe waste pipe discharge over a sink located in a room used for living purposes.

117. The branches on vertical lines must be made by Y or TY fittings and carried up to the safe with as much pitch as possible.

118. Lead safes must be graded and neatly turned over bevel strips at their edges.

119. Where there is an offset on a refrigerator waste pipe in the cellar, there must be cleanouts to control the horizontal part of the pipe.

120. In all lodgings and tenement houses the safe and refrigerator waste pipes must extend above the roof.

Water Closets, Sinks and Washtubs.

(Good except as relating to tenement houses and factories.)

121. In all buildings occupied as stores, dwellings, lodging or boarding houses, hotels, offices, lofts, workshops, factories or storage houses, there must be at least one water-closet in each building. There must be sufficient water-closets so that there will never be more than fifteen persons to each water-closet. In places of public assembly, the number of toilets and the most available location are to be determined by the Commissioner of Buildings.

122. Separate water-closets and toilet rooms must be provided for each sex in buildings used as workshops, lofts, office buildings, factories, hotels, and all places of public assembly.

123. In lodging houses, there must be one water-closet on each floor, and where there are more than fifteen persons on any floor there must be an additional water-closet on that floor for every fifteen additional persons or fraction thereof.

124. In tenement houses, lodging houses, factories, workshops, and all public buildings, the entire water-closet apartment, and side walls to a height of six inches from the floor, except at the door, must be made waterproof with asphalt, cement, tile, metal or other waterproof material as approved by the Commissioner of Buildings.

125. In all buildings, the water-closet and urinal apartments must be ventilated to the outer air by windows opening on the same lot upon which the building is situated or by a ventilating skylight placed over each room or apartment wherein such fixtures are located.

126. In all buildings, the outside partition of any water-closet or urinal apartment must be air-tight and extend to the ceiling or be independently ceiled over. When necessary to properly light such apartments, the upper part of the partitions must be provided with translucent glass. The interior partitions of such apartments must be dwarfed partitions.

127. The general water-closet accommodation of any building cannot be placed in the cellar, nor can any water-closet be placed outside of a building except to replace an existing water-closet.

128. In alteration work where it is not practicable to ventilate a water-closet or urinal apartment by windows or a skylight directly to the outer air, there may be provided a galvanized wrought iron vent duct extended to the outer air which must be equal in area to at least 144 inches for one water-closet or urinal, and an additional 72 square inches for each water closet added therein.

129. Where water-closets will not support a rim-seat, the seat must be supported on galvanized iron legs.

130. Every earthenware water-closet with connection through the floor in all new work, and in all alterations, must be set on an approved floor slab of porcelain, slate or other material impervious to moisture, same to be not less in size than the base of the water-closet set thereon.

131. All water-closets must have earthenware flushing rim bowls. They must be set entirely free and open from all enclosing woodwork.

132. Pan, plunger, offset-washout and washout, or other water-closets having an unventilated space, or the walls of which are not thoroughly washed out at each discharge, will not be permitted.

133. Long hopper water-closets will not be permitted, except earthenware hoppers where there is an exposure to frost.

134. Drip trays on water-closets will not be permitted.

135. Water-closets and urinals must never be connected directly with or flushed from the water-supply pipes, except when flushometer valves are used.

136. Each water-closet and urinal must be flushed from a separate cistern, the water from which is used for no other purpose, or may be flushed through flushometer valves.

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137. Where "Flushometers" are used, they must be supplied from tank pressure, unless otherwise permitted by the Commissioner of Buildings; the rising lines shall be at least one and one-half inches in diameter, and the main branches shall be at least one and one-quarter inches in diameter, with individual branches not less than one inch in diameter, for water-closets and not less than one-half inch in diameter for urinals. Individual branches shall not exceed twelve inches in length.

138. The overflow of cisterns may discharge into the bowl of the closet, but in no case connect with any part of the drainage system.

139. Iron water-closet and urinal cisterns and automatic water-closet and urinal cisterns are prohibited, unless approved by the Commissioner of Buildings.

140. The copper lining of water-closet and urinal cisterns must not be lighter than ten (10) ounce copper.

141. Water-closet flush pipes must not be less than one and one-fourth inches and urinal flush pipes one (1) inch in diameter, and if of lead must not weigh less than two and one-half pounds and two pounds per linear foot. Flush couplings must be of full size of the pipe.

142. Rubber connections and elbows are not permitted on flush pipes.

143. Latrines, trough water-closets and similar appliances may be used only on written permit from the Commissioner of Buildings, and must be set and arranged as may be required by the terms of the permit.

144. All urinals must be constructed of materials impervious to moisture, and that will not corrode under the action of urine. The floor and wall of the urinal apartments must be lined with similar non-absorbent and non-corrosive material.

145. The platforms of treads of urinal stalls must never be connected independently to the plumbing system, nor can they be connected to any safe waste pipe.

146. Iron trough water-closets and trough urinals must be enameled or galvanized.

147. In all houses, sinks must be entirely open, on iron legs or brackets without any inclosing woodwork.

148. Wooden wash tubs are prohibited, except when used in hotels, restaurants or bottling establishments for washing dishes or bottles. Cement or artificial stone tubs will not be permitted unless approved by the Commissioner of Buildings.

Water Supply for Fixtures.

149. All water-closets and other plumbing fixtures must be provided with a sufficient supply of water for flushing to keep them in a proper and cleanly condition.

Flush tanks must have a capacity of eight gallons for water-closets and five gallons for urinals.

150. House service pipes must be connected to the street mains by means of taps, and a stop-cock or valve placed under the sidewalk at the curb, in compliance with the rules and under the supervision of the Department of Water Supply, Gas and Electricity.

151. A separate stop or valve must be placed upon the service pipe inside the front wall.

152. The diameters of street service pipes must not be less than three-quarter inch for dwellings and tenements occupied by six families or less; one inch for tenements and one and one-half inch for hotels, factories and other miscellaneous buildings, provided that in no case can the diameter of the service pipes be less than the diameter of the tap installed under the supervision of the Department of Water Supply, Gas and Electricity.

Riser Lines.

153. The diameter of all riser lines in plumbing systems shall be not less than three-quarters ($\frac{3}{4}$) inches; except that when lead or brass pipe is used, the minimum diameter may be one-half ($\frac{1}{2}$) inch.

Separate stop-cocks or valves, so located as to be accessible at all times, shall be placed at the foot of each riser line and, in all buildings other than residence buildings occupied exclusively by one or two families or having not more than fifteen sleeping rooms, on each branch line from the riser for each isolated fixture or each group of fixtures, such as bathroom fixtures, kitchen fixtures, etc.; except that only one stop cock or valve shall be required for the fixtures contained in any one apartment, suite, store or loft occupied by one tenant when all the fixtures contained in each such apartment, suite, store or loft are supplied from one branch line.

154. Diameters of branches to any fixtures must not be less than one-half inch, except when used to supply water-closets, cisterns or lavatories. When the material used is lead or brass pipe, the minimum diameter may be three-eighths inch. Branches for flush valves for water-closets must not be less than one and one-quarter inch in diameter and for urinals not less than three-quarters of an inch in diameter.

155. Where a hot water supply system is installed, the distance between the hot and cold water risers should not be less than six inches. Where it is impossible to place them six inches or more apart, the hot water riser must be covered with an approved insulating material and a method of circulation provided that will insure a prompt delivery of hot water at the faucet when required.

All hot water systems in buildings of more than four stories in height shall be of an approved circulating type. In buildings of four stories or less where the developed length of hot water piping exceeds 100 feet from the boiler to the fixture, an approved circulating system shall be installed.

(In connection with this amendment adopted November 12, 1931, all present installations where complying with the current rules may be maintained until April 1, 1933, with the proviso that should the Commissioner of the Department of Water Supply, Gas and Electricity deem an emergency exists the rule shall become effective on thirty days' notice of such emergency to the Commissioner of Buildings).

156. All risers and branches must be properly fastened.

157. When the water pressure is not sufficient to supply freely and continuously all fixtures, a house supply tank must be provided of sufficient size to afford an ample supply of water to all fixtures at all times. Such tanks must be supplied from the pressure or by power pumps, as may be necessary; when from the pressure, ball cocks must be provided.

158. House supply tanks must be metal-covered so as to exclude dust and so located as to prevent water contamination by gas and odors from plumbing fixtures.

159. House supply tanks must be of wood or iron, or of wood lined with tinned and planished copper.

160. House tanks must be supported on iron beams.

161. The overflow pipe should discharge upon the roof, where possible, and in such cases should be brought down to within six (6) inches of the roof, or it must be trapped and discharged over an open and water-supplied sink not in the same room, nor over three and one-half feet above the floor. In no case shall the overflow be connected with any part of the plumbing system.

162. Emptying pipes for such tanks must be provided and be discharged in the manner required for overflow pipes, and may be branched into overflow pipes. Emptying pipes for tanks containing more than five hundred (500) gallons must be four (4) inches in diameter and provided with a valve of same size fitted with a wheel or lever handle.

163. Acid wastes must be "B" lead pipe or earthen pipe; if of lead pipe they must be at least two inches in diameter, and if of earthen pipe at least three inches in diameter and continued down to the lower story of building and

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so arranged as to discharge into a lime box and diluting sink properly trapped and vented and connected inside of house trap. If the lime box and diluting sink are not used the acid waste must be extended to an earthen house sewer or separately and independently connected to a public or private sewer in street and provided with an accessible running trap located just inside of front wall of building. All branches and joints on lead acid wastes must be made by means of burnt lead joints. If earthenware pipe is used, vertical joints must be made with a mixture of asphaltum and cement. Each length of pipe on vertical runs and on horizontal runs when above the cellar floor must be supported at each hub by proper supports. All floor drains and fixture connections must be trapped and run as direct as possible.

Sewage Lifts.

164. When it is necessary to use a sump system and sewage lift to receive the discharge from the waste or soil connection to fixtures, same shall be arranged to be accessible. If discharged with compressed air it shall be connected to the house drain on the sewer side of all leader or area drain traps and fixture connections or may be connected to house drain on the sewer side of house trap. A separate trap and fresh air inlet must be provided on the inlet side of sump and a 4-inch pipe line continued from drain discharging into sump up to and above roof, for purposes of ventilation. Relief pipes must be provided on sewage receptacles of sumps. Traps of fixtures connected to sump systems must not be vented to vent lines which are used to ventilate traps of fixtures on gravity system. Sump systems should be entirely separate both as to discharge and venting from rest of plumbing system in buildings.

Oil Separators.

165. Oil separators installed in any building where volatile fluids are used must be arranged to be readily accessible. They must not receive the discharge of any water-closet, rain leader, yard, court or area drain.

166. They must, if discharged by gravity, be connected by a Y branch fitting to the house drain behind the house trap in such a manner that they will not interfere with the house drain and the rest of the plumbing and drainage system. When mechanical force is used to discharge the contents, the connection must be made by a Y branch fitting on the sewer side of house trap.

167. No separate running trap need be provided on the drain entering oil separators, but a separate fresh air inlet and vent line must be provided to keep the system of drainage controlled by the oil separator entirely separate from the rest of plumbing and drainage system.

168. The size of fresh air inlet shall be determined by the size of inlet connection to oil separator, which shall be considered the same as the term house-drain for determining the size of all fresh air inlets, which shall conform to the same requirements as regards size and arrangement of terminals for fresh air inlets as called for in regulations.

169. Vent lines shall conform in all respects to vent lines for plumbing fixtures as regards size and arrangement.

170. Relief pipes must be provided at least 1½ inches in diameter. They may be connected to a vent line when installed as a separate system or must be carried independently above the roof.

Testing the Plumbing System.

171. The entire plumbing and drainage system within the building must be tested by the plumber, in the presence of a Plumbing Inspector, under a water test. All pipes must remain uncovered in every part until they have successfully passed the test. The plumber must securely close all openings, as directed by the Inspector of Plumbing. The use of wooden plugs for this purpose is prohibited.

172. The water test will be applied by closing the lower end of the main house drain and filling the pipes to the highest opening above the roof with water. The water test shall include at one time the house drain and branches, all vertical and horizontal soil, waste and vent and leader lines and all branches therefrom to a point above the surface of the finished floor and beyond the finished face of walls and partitions. If the drain or any part of the system is to be tested separately, there must be a head of water at least six (6) feet above all parts of the work so tested, and special provision must be made for including all joints and connections in at least one test.

173. After the completion of the plumbing work in any new or altered building and before the building is occupied, a final smoke test must be applied in the presence of a Plumbing Inspector. Except that for a building not over six stories in height, a peppermint test may be applied.

174. The material and labor for the test must be furnished by the plumber. When the peppermint test is used, two ounces of oil of peppermint must be provided for each line up to five stories and cellar in height and an additional ounce of oil of peppermint must be provided for each line when lines are more than five stories in height.

Plumbing in Tenement Houses.

175. All sections or parts of sections of the tenement house law relating to plumbing and drainage of tenement houses are to be observed, and are hereby made a part of these rules and regulations.

Gas Piping and Fixtures.

176. Hereafter the gas piping and fixtures in all new buildings and all alterations and extensions made to the gas piping or fixtures in old buildings must be done in accordance with the following rules, which are made in accordance with the provisions of section 89 of the Building Code.

For additional requirements of public buildings, theatres and places of assemblage, see Part XXI of the Building Code.

177. Before the construction or alteration of any gas piping in any building or part of any building, a permit must be obtained from the Commissioner of Buildings. This permit will be issued only to a registered plumber. Small alterations may be made by notifying the Department of Buildings, using the same blank forms provided for alterations and repairs to plumbing.

178. All gas pipe shall be of the best quality wrought iron or steel and of the kind classed as standard pipe, and shall weigh according to the following scale:

Diameters	Weights per Linear Foot
⅜ inch.....	0.56 pound
½ inch.....	0.85 pound
¾ inch.....	1.12 pound
1 inch.....	1.67 pound
1¼ inch.....	2.24 pounds
1½ inch.....	2.68 pounds
2 inch.....	3.61 pounds
2½ inch.....	5.75 pounds
3 inch.....	7.54 pounds
3½ inch.....	9.00 pounds
4 inch.....	10.66 pounds

No pipe allowed of less than ⅜ inch in diameter.

179. All fittings (except stop-cocks or valves) shall be of malleable iron.

180. There shall be a heavy brass straightway cock or

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valve on the service pipe immediately inside the front foundation wall. Iron cocks or valves are not permitted.

181. Where it is not impracticable so to do, all risers shall be left not more than five feet from front wall.

182. No pipe shall be laid so as to support any weight (except fixtures) or be subjected to any strain whatsoever. All pipe shall be properly laid and fastened to prevent becoming trapped, and shall be laid, when practicable, above timbers or beams instead of beneath them. Where running lines or branches cross beams, they must do so within thirty-six inches of the end of the beams, and in no case shall the said pipes be let into the beams more than two inches in depth. Any pipe laid in a cold or damp place shall be properly dripped, protected and painted with two coats of red lead and boiled oil or tarred.

183. No gas pipe shall be laid in cement or concrete unless the pipe or channel in which it is placed is well covered with tar.

184. All drops must be set plumb and securely fastened, each one having at least one solid trap. Drops and outlets less than $\frac{3}{4}$ of an inch in diameter shall not be left more than one inch below plastering, centrepieces or woodwork.

185. All outlets and risers shall be left capped until covered by fixtures.

186. No unions or running threads shall be permitted. Where necessary to cut out to repair leaks or make extensions, pipe shall be again put together with right and left couplings.

187. No gasfitters' cement shall be used, except in putting fixtures together.

188. All gas brackets and fixtures shall be placed so that the burners of same are not less than three feet below any ceiling or woodwork, unless the same is properly protected by a shield, in which case the distance shall not be less than eighteen inches.

No swinging or folding gas brackets shall be placed against any stud partition or woodwork.

No gas brackets on any lath and plaster partition or woodwork shall be less than five inches in length, measured from the burner to the plaster surface or woodwork.

Gas lights placed near window curtains or any other combustible material shall be protected by a proper shield.

189. Gas outlets for burners shall not be placed under tanks, back of doors or within four feet of any meter.

190. All buildings shall be piped according to the following scale:

Diameter	Length	Burners
$\frac{3}{8}$ inch.....	26 feet	3
$\frac{1}{2}$ inch.....	36 feet	6
$\frac{3}{4}$ inch.....	60 feet	20
1 inch.....	80 feet	35
$1\frac{1}{4}$ inch.....	110 feet	60
$1\frac{1}{2}$ inch.....	150 feet	100
2 inch.....	200 feet	200
$2\frac{1}{2}$ inch.....	300 feet	300
3 inch.....	450 feet	450
$3\frac{1}{2}$ inch.....	500 feet	600
4 inch.....	600 feet	750

191. Outlets for gas ranges shall have a diameter not less than required for six burners, and all gas ranges and heaters shall have a straightway cock on service pipe.

192. When brass piping is used on the outside of plastering or woodwork, it shall be classed as fixtures.

193. All brass tubing used for arms and stems of fixtures shall be at least No. 18 standard gauge and full size outside so as to cut a full thread.

All threads on brass pipe shall screw in at least $\frac{5}{16}$ of an inch. All rope or square tubing shall be brazed or

soldered into fittings and distributors, or have a nipple brazed into the tubing.

194. All cast fittings, such as cocks, swing joints, double centres, nozzles, etc., shall be extra heavy brass. The plugs of all cocks must be ground to a smooth and true surface for their entire length, be free from sandholes, have less than $\frac{3}{4}$ of an inch bearing (except in cases of special design), have two flat sides on the end for the washer, and have two nuts instead of a tail screw. All stop pins to keys or cocks shall be screwed into place.

195. After all piping is fitted and fastened and all outlets capped up, there must be applied by the plumber, in the presence of an inspector of the Department of Buildings, a test with air to a pressure equal to a column of mercury 6 inches in height, and the same to stand for five minutes; only mercury gauge shall be used. No piping shall be covered up, nor shall any fixture, gas heater or range be connected thereto until a card showing the approval of this test has been issued by the Commissioner of Buildings.

196. No meter will be set by any gas company until a certificate is filed with them from the Department of Buildings certifying that the gas pipes and fixtures comply with the foregoing rules.

Modifications.

197. When for any reason it may be impracticable to comply strictly with the foregoing rules, the Commissioner of Buildings shall have power to modify their provisions so that the spirit and substance thereof shall be complied with. Such modifications shall be indorsed upon the permit over the signature of the Commissioner of Buildings.

METHOD FOR TESTS FOR ANTI-SIPHON TRAPS OR FIXTURES.

Adopted by the Board of Standards and Appeals,
February 11, 1919.

Resolved, that the following be and it hereby is adopted by the board of standards and appeals as the method prescribed for tests for anti-siphon traps or fixtures, which must be successfully passed before such traps or fixtures shall be approved under Rule 88, Rules for Plumbing and Drainage:

Instructions.

1. The entire cost and responsibility for the installation of the necessary equipment for such test shall be borne by the person or firm submitting the appliance.

2. Such person or firm shall also furnish the board, together with the application for test, the following material and information:

(a) A stock trap of the size and design to be tested, which shall be of the P and S type and shall be of lead or brass, cast in one piece, and without interior partitions or mechanism.

(b) A similar trap cut in half.

(c) A similar trap, to be used in the test, provided with glass observation ports of sufficient size to permit clear observation of the action occurring within the trap during test, and such observation ports shall be so located that the amount of water seal remaining after each test can be readily observed.

(d) An affidavit that the three traps submitted are regular stock traps.

(e) A list of all cities, towns or municipalities where such trap has been officially approved for use without back venting.

The testing apparatus shall be located within the City of New York, and in a place, building or structure to meet the approval of the testing authorities. Such apparatus shall be so located that every part is easily accessible for inspection.

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Apparatus.

The apparatus shall consist of the following:

A tank of not less than fifty nor more than one hundred and fifty gallons capacity, with adequate water supply for refilling the same during the test.

A vertical wrought iron or steel pipe line fifty feet long, connected to the underside of the tank, and of the same internal diameter as the trap to be tested.

A quick-opening valve, located ten feet below the underside of the tank.

A TY fitting located two feet below the quick-opening valve, with horizontal branch pipe connected thereto, of the same diameter as the vertical line, this branch line not to exceed two feet in length, with a pitch towards the vertical line of two inches to the foot, and the trap to be tested shall be connected to this horizontal branch pipe.

A wash basin, or fixture answering the same purpose, which can be conveniently connected or disconnected from the inlet side of the trap.

The test shall be conducted as follows:

For Anti-Siphon Qualities.

For the purpose of determining the efficiency of the trap, the tank shall be completely filled, a water seal established in the trap; and:—

The quick-opening valve shall be opened for five seconds, then closed for five seconds, and this alternating process repeated five times.

The quick-opening valve shall be opened and the entire contents of the tank discharged at one time.

The wash basin shall be connected to the trap, filled with water, and both wash basin and tank discharged simultaneously. The quick-opening valve shall be kept open until the entire contents of the tank has been discharged.

The trap shall be disconnected and a bridge of solid soap formed across the lower half of the discharge end of the trap, so as to effectually block one-half of the clear waterway, and the foregoing tests repeated.

Each operation shall be repeated several times, if desired by the testing authorities.

For Self-Cleansing Qualities.

For the purpose of determining its self-cleansing qualities, the trap shall be filled with sand and the wash basin filled with water and allowed to discharge. A similar operation shall be repeated with tea leaves, coffee grounds, sawdust and grated soap.

For Service Qualities.

The service qualities of the trap may be tested as follows:

A trap which has been in actual constant use for a period of not less than one year shall be removed under the supervision of a representative of the testing authorities, split into two halves, and submitted for inspection, for the purpose of determining whether sediment or coating of grease or other foreign matter has accumulated in the trap during service conditions.

Approval.

An approval shall not be issued for any anti-siphon trap which has been subjected to the foregoing tests unless the trap has:

1. Maintained its water seal throughout the test.
2. Been successfully scoured of any foreign substance placed in the trap, when water has been discharged through same.
3. Upon inspection, after service, shown no excessive accumulation of grease or other foreign substance.

Deep Seal Siphon-Jet Fixtures, or Anti-Siphon Fixtures.

Instructions: Applicants for approval of deep seal siphon-jet or anti-siphon fixtures shall submit the following with their application:—

- (a) A stock fixture of the size and design to be tested.
- (b) A similar fixture, cut in half.
- (c) A similar fixture, to be used in the test, provided with glass observation ports of sufficient size to permit clear observation of the action occurring within the fixture during test, and such observation ports shall be so located that the amount of water seal remaining after each test can be readily observed.
- (d) An affidavit that the three fixtures submitted are regular stock fixtures.

Apparatus.

The apparatus shall be similar to that required for anti-siphon traps, except that vertical and horizontal pipes shall have an internal diameter of three inches for testing slop sinks and four inches for testing water-closets; tank shall have a capacity of not less than one hundred gallons and the fixture shall be provided with its usual water supply so that same may be flushed when required.

Test.

For the purpose of determining the efficiency of the fixture to maintain a water seal, it shall be tested in a manner similar to that prescribed for anti-siphon traps, except that no soap bridge need be provided at the outlet.

RULES

USE OF HYDRATED LIME IN CONCRETE

Adopted by the Board of Standards and Appeals, April 19, 1920, under Cal. No. 153-20-S.

The use of hydrated lime in all classes of concrete construction shall not be prohibited when used in accordance with the conditions hereinafter set forth.

The hydrated lime shall conform with the standard specifications for this material which have been adopted by the American Society for Testing Materials.

The maximum amount of hydrated lime which may be used shall conform with the following table, all weights given being the amount of lime which may be incorporated for each ninety-five pound bag of Portland cement:

1-1½-3 Mix, 4 pounds of hydrated lime per bag of cement.

1-2-4 Mix, 5 pounds of hydrated lime per bag of cement.

1-2½-5 Mix, 6 pounds of hydrated lime per bag of cement.

For hand mixed concrete, the hydrated lime and Portland cement shall be well mixed while dry.

Hydrated lime shall not be used in concrete which is to be deposited under water.

PROGRESS REPORT

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Requests for extension of permit granted	8
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Requests to install granted	0
Requests to install denied	0
Plans approved	8
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	20
Total	821

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year OCTOBER 15, 1935 Single Copies, 5 cents By mail, 8 cents No. 42

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

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OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Regular Meeting, October 8, 1935, at 2 P. M.

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Oil Burner Rules.

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Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The Clerk's Calendar consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, October 14, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, October 21, 1935, at 2 o'clock.

The Clerk's Calendar is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

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274-35-SA....	F.D.....	Econ-O-Matic Fuel Oil Burner, Model 41,	Appliance.
273-35-BZ....	D.B.Q....	56-15 Broadway and 33-30 to 33-44 57th street, northwest corner (Block 1180, Lot 35), Woodside, Queens,	Applic. 4701-35.
272-35-A.....	D.B.Q....	151-20 Jamaica avenue, southwest corner 152nd street (Block 1045, Lot 8), Jamaica, Queens,	Viol. F. P. 361-34.
271-35-BZ....	D.B.Bx....	1166 Ward avenue, east side, 100 ft. south of Westchester avenue (Block 3742, Lot 38), The Bronx,	N. B. 329-35.
270-35-BZ....	D.B.Bx....	337-349 Brook avenue and 493-497 East 141st street, northwest corner (Block 2286, Lot 65), The Bronx,	Decision.
269-35-SA....	F.D.....	Kamy Oil Burner,	Appliance.
268-35-S.....	D.B.M....	4482 Broadway and 156-158 West 43rd street, southeast corner (Block 995, Lot 57), Manhattan.	21780-L.D.
267-35-BZ....	D.B.Q....	7302-20 Amstel boulevard, north side, 260 ft. west of Beach 72nd street (Block 524, Lots 11 and 500), Rockaway Beach, Queens.	Applic. 6483-35.
266-35-SA....	F.D.....	Kerogas Bowl Type Oil Space Heater, Nos. 300, 305, 310, 315 and 320,	Appliance.

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186-30-BZ....	D.B.Q....	74-02 to 74-12 Jamaica avenue and 1 Elderts lane, southeast corner (Block 50, part of Lot 1), Woodhaven, Queens,	N. B. 2856-35.
233-33-BZ....	D.B.B....	1517-1543 Myrtle avenue, southeast corner of Grove street (Block 3328, Lot 1), Brooklyn,	Applic. 2334-33.
653-29-BZ....	D.B.B....	6401-6411 Fort Hamilton avenue (parkway) and 956-972 64th street, southeast corner (Block 5743, Lots 45, 48 and 50), Brooklyn,	Applic. 15529-29.

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H.D.....	Health Department
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D.B.M.....	Department of Buildings, Manhattan
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D.B.R.....	Department of Buildings, Richmond
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COURT DECISIONS

Matter of Schnepfer (Murdock)—May 8, 1934, Board denied gas station in business district under section 21; Cal. No. 44-34-BZ, Premises 137-02 to 137-10 Linden Boulevard, South Ozone Park. Mr. Justice Dodd reversed Board, granted a limited permit, and remitted matter to Board to impose safeguarding conditions. (N. Y. L. J., June 27, 1935.)

* * *

Pennbrook Realty Co. v. Murdock—February 23, 1934, Board denied gas station in business district under section 21; Cal. No. 321-33-BZ, Premises S.W. corner of Oak and Jamaica Avenues, Flushing, Queens. Mr. Justice Faber sustained Board. (N. Y. L. J., July 2, 1935.)

* * *

Empire State Lines v. Levy—It is clear that the property involved in this proceeding is in a restricted area. The recent addition to Article 2 of the Building Zone Resolution (Subdivision 7H) requires that an application be made to the Board of Standards and Appeals for a permit to vary the use district regulations to comply with the demands of the petitioner. The petitioner may not apply to the Court for relief by mandamus until it has exhausted its remedies by an appeal to the Board of Standards and Appeals. Since the enactment of Chapter 764 of the Laws of 1933 exclusive jurisdiction over curb cut permits is vested in the Commissioner of Buildings. Motion for mandamus denied without prejudice. Mr. Justice Hoffstadter. (N. Y. L. J., October 1, 1935.)

CALL OF CLERK'S CALENDAR

MONDAY, OCTOBER 14, 1935, AT 2 P. M.

Building Zone Cases.

96-35-BZ.

APPLICANT—Matthew W. DelGaudio, for Elmcroft Corp., owner.

CALENDAR

PREMISES—1301-1319 Castle Hill avenue and 2171-2181 Westchester avenue, northwest corner (Block No. 3935, Lot No. 1), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

169-20-BZ.

APPLICANT—William F. Regan, for Karl C. Hermon, owner.

PREMISES—1617-1627 Neptune avenue and 3127-3131 Cropsey avenue, northeast corner (Block No. 6995, Lot No. 1), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened June 25, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station (in lieu of a garage for more than five (5) motor vehicles previously granted by the board).

594-29-BZ.

APPLICANT—Benjamin Millstein, for Morey Motors, Inc., owner.

PREMISES—5812-22 Bay parkway, and 2177-83 59th street, northwest corner (Block No. 5508, Lot No. 44), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened February 26, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously denied by the board; reopened under new facts).

198-35-BZ.

APPLICANT—Abraham Farber, for Lena Cohen and Aaron Cohen, owners.

PREMISES—1314 41st street, south side, 85 feet east of 13th avenue (Block No. 5594, Lot No. 10), Brooklyn.

APPLICATION, under sections 7b and 7c of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the alteration and change of occupancy of part of an existing building to a business use (store).

203-35-BZ.

APPLICANT—Samuels & Samuels, for Charles Kuegerl, owner.

PREMISES—Southeast corner of Hillside avenue and 260th street (Block No. 4536, Lot No. 30), Queens Village, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

112-35-BZ.

APPLICANT—Philip Wolfson, for Giuseppa Genco, owner.

PREMISES—115-60 Merrick road, 172-01 116th avenue and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop.

145-35-BZ.

APPLICANT—Lama & Proskauer, for Charles Ginsberg and Max Chesnoff, owners.

PREMISES—105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

212-35-BZ.

APPLICANT—Thomas W. Lamb, Inc., for Edwin J. Long, owner.

PREMISES—6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

218-35-BZ.

APPLICANT—William Shary, for G. & D. Realty Corp., owner.

PREMISES—2368-2372 Jerome avenue and 2-6 East 184th street, southeast corner (Block No. 3187, Lot No. 25), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of part of an existing business building so as to include a gasoline service station.

OCTOBER 15, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 15, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

CAL. NO. 477-28-BZ—Application of Scacchetti and Siegel, on behalf of Cabin Holding Corporation, owner, reopened July 16, 1935, under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre; premises 2029 Grand concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

CAL. NO. 131-35-BZ—Application, May 23, 1935, under section 21 of the building zone resolution, of Otto J. Sambach, applicant, on behalf of Elizabeth Fahy, owner, to per-

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mit in a business district the erection and maintenance of a coal pocket; premises 137 Lyman avenue, north side, 44.89 ft. east of Tompkins avenue (Block No. 3071, Lot No. 25), Fort Wadsworth, Borough of Richmond.

CAL. NO. 132-35-BZ—Application, May 23, 1935, under section 21 of the building zone resolution, of Otto J. Sambach, applicant, on behalf of Bessie Klarberg, owner, to permit in a residence district the alteration of an existing frame business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use; premises 130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens.

CAL. NO. 176-35-BZ—Application, June 26, 1935, under section 21 of the building zone resolution, of T. Tasso Fischer, applicant, on behalf of The Bronx Savings Bank, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

CAL. NO. 344-33-BZ—Application of Nordlinger, Riegelman and Cooper, on behalf of Parkville Amusement Corporation, owner, reopened July 16, 1935, for an amendment to the resolution of February 23, 1934, as to the conditions imposed therein—re Application, granted under sections 7a, 7c and 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a recreation centre; premises 1048-1072 Ocean parkway, west side, 380 ft. south of Avenue J (Block No. 5495, Lot Nos. 870 and 872), Brooklyn.

HARRIS H MURDOCK, *Chairman.*

OCTOBER 15, 1935, 2 P. M.

Appeals from Administrative Orders.

- 200-35-A—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.
- 210-35-A—243 West 42nd street (Block No. 1014, Lot No. 12), Manhattan.
- 256-35-A—416-418 Marcy avenue, southwest corner of Walton street (Block No. 2244, Lot No. 36), Brooklyn.
- 261-35-A—6902-6912 Fourth avenue, southwest corner of Bay Ridge avenue (Block No. 5872, Lot No. 42), Brooklyn.

Appliances Submitted for Approval.

- 265-35-SA—French Automatic Oil Burner, Model 5 De Luxe.
- 266-35-SA—Kerogas Bowl Type Oil Space Heater, Models 300, 305, 310, 315 and 320.
- 269-35-SA—Kamy Oil Burner.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions

of the building zone resolution, *Tuesday afternoon, October 15, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 101-35-BZ—Application, April 16, 1935, under sections 7b and 21 of the building zone resolution, of Rose Rothenberg, applicant, on behalf of Maximilian Realty Co., Inc., owner, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises 659 West 179th street, north side, 98 feet 5 inches east of Broadway (Block No. 2163, Lot No. 43), Manhattan

CAL. NO. 1192-23-BZ—Application of Edward Dorf, on behalf of Memorial Realty and Garage Corporation, owner, reopened September 24, 1935, under section 21 of the building zone resolution, for amendment, to permit in a business use district the change of occupancy from a garage for more than five (5) motor vehicles (permission to erect which was granted by the board) to a garage for more than five (5) motor vehicles and a motor vehicle salesroom and repair shop; premises 1864-1876 Coney Island avenue, west side, 200 ft. 5 1/4 in. south of Avenue O (Block No. 6617, Lot No. 17), Brooklyn.

CAL. NO. 118-31-BZ—Application of Conroy and Hardy, on behalf of Joseph Zorn, owner, reopened March 5, 1935, under section 21 of the building zone resolution, to permit the modification of resolution as to advertising signs and as to vehicular entrances to gasoline service station, located in a business district, which was previously granted by the board; premises 2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

CAL. NO. 138-35-BZ—Application, May 28, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Downy Properties, Inc., owner, to permit partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station; premises 247-13 to 247-27 Northern boulevard, north side, 50 feet west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

CAL. NO. 154-35-BZ—Application, June 15, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Assets Control Company, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

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CAL. NO. 535-32-BZ—Application of William Shary, on behalf of W. Parsons Todd, owner, reopened June 4, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period; premises 2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

CAL. NO. 331-32-BZ—Application of Nordlinger, Riegelman and Cooper, on behalf of Elljane Holding Corporation, owner, reopened June 4, 1935, under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station—previously granted for a temporary period; premises southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, OCTOBER 21, 1935, AT 2 P. M.

Building Zone Cases.

196-35-BZ.

APPLICANT—Elizabeth Scheurer and Anna A. Scheurer, owners.

PREMISES—40-01 23rd drive, northeast corner of Steinway street (avenue); (Block No. 793, Lot No. 26), Astoria, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

197-35-BZ.

APPLICANT—Scacchetti and Siegel, for Clifford Concourse Corporation, owner.

PREMISES—960 Grand concourse and 180-188 East 164th street, southeast corner (Block No. 2461, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

232-35-BZ.

APPLICANT—Lawrence M. Rothman, for Wolf-Kahn Realty Corporation, lessee (25 years lease).

PREMISES—308-324 East Fordham road, southwest corner of Elm place (Block No. 3023, Lot No. 26), The Bronx.

APPLICATION, under section 7b of the building zone resolution,

TO PERMIT the erection and maintenance of an addition to an existing business building located within a business district, a part of the addition to extend into a residence district.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

499-31-BZ.

APPLICANT—Austin W. Magee, for Ernest Reiss, owner. PREMISES—262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Queens.

APPLICATION, under section 7f of the building zone resolution (reopened April 30, 1935).

TO PERMIT in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period).

OCTOBER 22, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 22, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 58-24-BZ—Application of Alfred H. Eccles, on behalf of Queensboro Improvement Company, owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline, so as to include a gasoline service station (in connection with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ); premises 76-19 Northern boulevard (Jackson avenue), northwest corner of 77th street (20th street); (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens.

CAL. NO. 228-35-BZ—Application, August 15, 1935, under section 21 of the building zone resolution, of Alfred H. Eccles, applicant, on behalf of Charles H. Ely, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 76-13 to 76-15 Northern boulevard, north side, 50 ft. west of 77th street (Block No. 1172, Lot No. 45), Jackson Heights, Borough of Queens.

CAL. NO. 825-27-BZ—Application of Alfred Taffett, on behalf of Richard Morrison, owner, reopened June 18, 1935, under section 21 of the building zone resolution, to permit in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles (previously denied for a gasoline service station); premises southeast corner of Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), The Bronx.

CAL. NO. 155-35-BZ—Application, June 17, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Louise Alma Kaufman, own-

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er, to permit in a residence district the erection and maintenance of a business building (stores); premises 3215 Grand Concourse, southwest corner of East Van Cortlandt avenue (Block No. 3311, Lot No. 53), The Bronx.

CAL. NO. 117-35-BZ—Application, May 8, 1935, under section 21 of the building zone resolution, of William J. Wilson, applicant, on behalf of Rose Bozzi, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

CAL. NO. 328-34-BZ—Application of Henry Nordheim and Saul S. Meyers, applicants, on behalf of Max Mirowitz, owner, reopened May 28, 1935, under section 21 of the building zone resolution, to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles (previously withdrawn); premises 1449 Vyse avenue, west side, 100 ft. south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 22, 1935, 2 P. M.

Appeal from Administrative Order.

14-35-A—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, October 22, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 152-35-BZ—Application, June 12, 1935, under section 21 of the building zone resolution, of John Adikes, applicant, on behalf of Jamaica Savings Bank, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

CAL. NO. 195-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Bridget T. Delaney and Richard Delaney, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, OCTOBER 28, 1935, AT 2 P. M.

Building Zone Cases.

255-35-BZ.

APPLICANT—New York Railways Corporation, owner.
PREMISES—1552-1560 Lexington avenue, northwest corner East 109th street and 1301-1309 Park avenue ((Block No. 1627 (West), (south part of Lot No. 1), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district an alteration and conversion of a building used for housing street cars to a garage for more than five (5) motor vehicles.

272-30-BZ.

APPLICANT—Jacob A. Freedman, for Rubel Corporation, owner.

PREMISES—440-446 Utica avenue, 923-943 East New York avenue, northwest corner, and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened October 1, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station (remitted by Order of the Court, to the Board for hearing).

OCTOBER 29, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 29, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 84-35-BZ—Application, March 29, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Dickel Construction Company, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 77-04 to 77-12 Jamaica avenue, south side, 20.03 ft. east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Borough of Queens.

CAL. NO. 4-34-BZ—Application of Samuel Rosenblum and Earl I. Gallant, applicants, on behalf of Josephine J. Schnurmacher, owner, reopened June 25, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn); premises 4025-4029 White Plains avenue, west side, 168.51 ft. south of East 228th street (Block No. 4829, Lot No. 11), The Bronx.

CAL. NO. 127-35-BZ—Application, May 18, 1935, under section 21 of the building zone resolution, of Jacob J. Wollman and Casper P. Colla, applicants, on behalf of Joseph Angelone, owner, to permit in a business district the use of a plot of ground as a junk shop; premises 115-117 Truxton street, north side, 220 ft. east of Sackman street (Block No. 1544, Lot No. 45), Brooklyn.

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CAL. NO. 168-35-BZ—Application, June 21, 1935, under section 21 of the building zone resolution, of Henry Lichtig, applicant, on behalf of Spoolan Realty Corporation, owner, to permit in a business district the alteration and change of occupancy of part of an existing building from stores to motor vehicle repair shop; premises 841-847 East 149th street, northeast corner of Union avenue (Block No. 2674, Lot Nos. 17, 18, 19 and 20), The Bronx.

CAL. NO. 194-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of William J. Carey, applicant, on behalf of William J. Carey and May E. Carey, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot No. 26), Rosedale, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

OCTOBER 29, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution *Tuesday afternoon, October 29, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935, to change the application to permit an apartment house with stores on 1st story; premises 2255-2291 Grand Concourse, west

side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 653-29-BZ—Application of Office of Henry T. Child, on behalf of Emma D. Gardiner, owner, reopened October 8, 1935, under section 21 of the building zone resolution, to permit in a business use district the erection and maintenance of a gasoline service station, 101.64 feet by 70.8 feet, on a plot on which the board granted a variation permitting the erection of a garage, 101.64 feet by 153.39 feet, for the storage of more than five (5) motor vehicles—the garage to be omitted; premises 6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

NOVEMBER 12, 1935, 2 P. M.

Appeal from Administrative Order.

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY MORNING, OCTOBER 8, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, October 1, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, October 1, 1935, were approved as printed in Bulletin No. 41, Vol. XX.

BUILDING ZONE CASES.

533-28-BZ.

APPLICANT—Eugene De Rosa, for 2291 Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) reopened May 21, 1935, under sections 7c and 21 of the building resolution, to permit in a residence district the erection and main-

tenance of a business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935, to change the application to permit an apartment house with stores on 1st story.

PREMISES AFFECTED—2255-2291 Grand Concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

APPEARANCES—

For Applicant: Eugene De Rosa and Sidney R. Diamond.

For Opposition: None.

ACTION OF BOARD—Laid over to October 29, 1935, at 2 p. m. Applicant to submit amended plans.

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone

MINUTES

resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

APPEARANCES—
For Applicant: John Adikes.
For Opposition: Marion Kopf, Margaret Ferguson, Mary Murphy.

ACTION OF BOARD—Laid over to October 22, 1935, at 2 p. m., for report of committee on inspection. No further argument.

195-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners,

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

APPEARANCES—
For Applicant: Matthew W. Del Gaudio, Patrick J. McDonald and Richard Delaney.
For Opposition: Raymond J. Knoepfel, Max Schorr, August Kuhn, Charles M. Rosenbaum and Margaret Coleman.

ACTION OF BOARD—Laid over to October 22, 1935, at 2 p. m., for report of committee on inspection. No further argument.

140-35-BZ.

APPLICANT—Philip Markowitz, for Henrietta Fama, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the building zone resolution.

PREMISES AFFECTED—236 Bedford Park boulevard (East 200th street), south side, 25 ft. east of Valentine avenue (Block No. 3297, Lot Nos. 40 and 41), The Bronx.

APPEARANCES—
For Applicant: Philip Markowitz and Charles Fama.
For Opposition: Philip Blumenthal, Joseph Nemer-son, Richard H. Burke, Jr., William H. Class, Robert M. Errington, Robert G. Moorehead, J. Krause, Lawrence Weiss, Robert P. Zobel, Walter Schaaf and Marguretta Uihlein.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(140-35-BZ)

WHEREAS, Philip Markowitz, for Henrietta Fama, owner, filed May 29, 1935, an application under the building zone resolution to permit in a residence use and also "D" area district the erection and maintenance of a business building (stores); said building to occupy an area in excess of that permitted by the building zone resolution, premises: 236 Bedford Park boulevard (East 200th street), south side, 25 ft. East of Valentine avenue (Block No. 3297, Lot Nos. 40-41), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 8, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Bedford Park boulevard is in a residence use and D area district; Valentine avenue is in a residence use and D and B area district; East 199th street is in a residence use and B area; and

WHEREAS, the decision of the commissioner of buildings, rendered April 29, 1935, re App. No. 116-1935, reads:

"1. Erection of building to be occupied for business purposes (stores) in residence use district is contrary to provisions of building zone resolution.

"2. Erection of building on interior lot in residence use district and "D" area district occupying more than sixty per cent of area of plot is contrary to provisions of building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 75.79 feet and a maximum depth of 100 feet—a total area of approximately 7340 sq. feet; in accordance with "D" area requirements, the usable area is limited to 60 per cent of the area of the lot or approx. 4400 sq. feet. Applicant proposes to occupy approximately 5100 sq. feet—or an excess area of approximately 700 sq. feet—and to develop this area with a one-story structure used for stores (in a residence district). Proposes to remove the frame dwelling now on the plot; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution, and was, therefore, not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

Adjourned, 12:45 p. m.

EDWARD V. BARTON, Chief Clerk.

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY AFTERNOON, OCTOBER 8, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

55-31-BZ.

APPLICANT—Office of Henry T. Child, for Emma D. Gardiner, present owner.

SUBJECT—Application (re decision of the superintendent of buildings) under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted.

PREMISES AFFECTED—6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lots 45 and 48), Brooklyn.

APPEARANCES—

For Applicant: Sidney Schleman.

For Opposition: None.

ACTION OF BOARD—Laid over to October 29, 1935, at 2 p. m., pending action on Cal. No. 653-29-BZ.

653-29-BZ.

APPLICANT—Office of Henry T. Child, for Emma D. Gardiner, present owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business use district the erection and maintenance of a gasoline service station, 101.64 ft. by 70.8 ft. on a plot on which the board granted a variation permitting the erection of a garage, 101.64 ft. by 153.39 ft. for the storage of more than five motor vehicles—the garage to be omitted.

PREMISES AFFECTED—6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45, and 48), Brooklyn.

APPEARANCES—

For Applicant: Sidney Schleman.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing, October 29, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

66-28-BZ.

APPLICANT—Adolph Goldberg, for Louisa Heintz and Frieda Heintz, owners.

SUBJECT—Application reopened July 2, 1935, for amendment of resolution to permit the inclusion of an auto laundry and brake service station—re Application (decision of the superintendent of buildings) granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—205-43 Hollis avenue and 109-42 Cross Island boulevard (Rosedale boulevard, 206th street), northwest corner (Block No. 1861, Lot Nos. 28 and 30), Hollis, Borough of Queens.

APPEARANCES—

For Applicant: Adolph Goldberg.

For Opposition: None.

ACTION OF BOARD—Application withdrawn without prejudice.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

186-30-BZ.

APPLICANT—Ethel Quasman, owner.

SUBJECT—Application for reopening—restoration to calendar—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—74-02 to 74-12 Jamaica avenue and 1 Elderts lane, southwest corner (Block No. 50, part of Lot No. 1), Woodhaven, Borough of Queens.

APPEARANCES—

For Applicant: Herbert A. O'Brien.

ACTION OF BOARD—Application reopened and restored to calendar subject to usual procedure

THE VOTE TO REOPEN AND RESTORE TO CALENDAR—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

203-33-BZ.

APPLICANT—Lama and Proskauer, for Borden's Farm Products Company, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) reopened September 24, 1935, under section 21 of the building zone resolution, for amendment, to permit in a business use district the extension in area and the maintenance for a period of ten (10) years of a proposed gasoline service station, permission to erect and maintain this station for a period of five (5) years was previously granted by the board.

PREMISES AFFECTED—365-381 Fourth avenue, northeast corner of 6th street (Block No. 987, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: Alfred Gallo.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(203-33-BZ)

WHEREAS, this application affecting premises 365-379 Fourth avenue, east side, 20 ft. north of 6th street (Block No. 987, part of Lot No. 1), Borough of Brooklyn, was granted by the board July 16, 1935, on certain conditions and applicant requested an amendment of the resolution; and

WHEREAS, this application was reopened by vote of the board September 24, 1935; and

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WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting October 8, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the applicant requested an extension of the five-year period imposed and permission to use a larger proportion of the premises for non-conforming use; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under section 21 of the building zone resolution.

Resolved, that the resolution adopted by the board on July 16, 1935, be and it hereby is *amended*, so that as amended the resolution will read:

"*Granted* under section 21 of the building zone resolution, for a period of ten years from the date of this action, permitting that portion of the plot with a frontage of 150 ft. on Fourth avenue, as indicated on revised plans marked 'received October 4, 1935,' to be used as a gasoline selling station, *on condition* that there shall be erected on the street line of 6th street and on a line parallel to 5th street and 50 ft. therefrom, brick walls not less than 6 ft. in height and suitably coped, as indicated on plans, these walls, however, to be permitted to be constructed 4 ft. in height at the building line of Fourth avenue and stepped up at the rate of 1 ft. in four to the 6 ft. height within a distance of 8 ft.; that the accessory building shall be erected along the rear line, as indicated on revised plans; that along the rear line where not covered by walls of accessory building there shall be erected an extra heavy woven wire fence not less than 6 ft. in height; that the accessory building shall not exceed one-story in height and shall be constructed of incombustible materials except that the roof beams, roof boarding doors and door frames, window frames and sash may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall be no open excavation under any accessory building; that the greasing shall be done by means of pneumatic lifts; that the entire area where not covered by accessory buildings or walls shall be cement paved; that all gasoline pumps erected shall be not nearer than 12 ft. to the street line of Fourth avenue; that there shall be erected on the building line reinforced concrete curbs not less than 12 inches in width and not less than 5 inches in height with rounded top with not over three openings therein to Fourth avenue, no opening to exceed 35 ft. and no part of any opening to be nearer than 10 ft. to the street line of 6th street nor nearer than 5 ft. to the side line of the plot toward 5th street; that the curb cuts opposite these openings shall not exceed 35 ft. in width; that no portable gasoline pumps shall be used on or from the property; that no automobile repairing shall be permitted on the premises; that no parking of cars other than those being serviced shall be permitted on the premises; that advertising shall be restricted to the illuminated globes of the gasoline pumps and to a flat sign attached to the accessory building, prohibiting all roof signs and signs of a temporary nature, but permitting one post standard to be erected within the building line with an illuminated sign overhanging the building line not more than 8 ft. advertising only the brand of gasoline for sale; that legal vent pipes venting the gasoline tanks shall be installed, as indicated on revised plans, on the wall of the office portion of the accessory building; that all permits shall be obtained within six months and all work completed within one year from the date of this amended resolution.

326-33-BZ.

APPLICANT—Sound View Properties, Inc., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southwest corner of Randall avenue and Sound View avenue (Block No. 3523, Lot No. 34), The Bronx.

APPEARANCES—

For Applicant: Louis J. Moss.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

4

Negative

0

Absent

0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

4

Negative

0

Absent

0

THE RESOLUTION—

(326-33-BZ)

WHEREAS, this application affecting premises southwest corner of Randall avenue and Soundview avenue (Block No. 3523, Lot No. 34), Borough of The Bronx, was granted by the board December 19, 1933, on certain conditions, time to complete the work extended October 30, 1934, and owner requests a further extension of time to complete the work.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on December 19, 1933, only so far as it has to do with the completion of work, so that as amended this portion of the resolution shall read:

"That in view of the statement by the president of the owning corporation that all plans have been filed with and approved by commissioner of buildings, all work shall be completed within one year from the date of this amended resolution; that other than as amended herein the resolution adopted by the board on December 19, 1933, shall be complied with in all respects."

233-33-BZ.

APPLICANT—Joseph M. Lonergan, for 1525 Myrtle Avenue Realty Co., Inc., owner.

SUBJECT—Application for reopening—restoration to Calendar, per Order of the Court—re Application (decision of the commissioner of buildings) under sections 7b and 21 of the building zone resolution, to permit the extension, from an unrestricted district into a business district, of an existing gasoline service station.

PREMISES AFFECTED—1517-1543 Myrtle avenue, southeast corner of Grove street (Block No. 3328, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Joseph M. Lonergan.

ACTION OF BOARD—Application reopened and granted on condition, as stipulated by court order.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

4

Negative

0

Absent

0

THE VOTE TO GRANT ON CONDITION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

4

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Negative 0
Absent 0

THE RESOLUTION—

(233-33-BZ)

WHEREAS, Murray Klein, for 1525 Myrtle Avenue Realty Co., Inc., owner, filed, June 23, 1933, an application, under the building zone resolution, to permit the extension, from an unrestricted district into a business district, of an existing gasoline service station; premises 1517-1543 Myrtle avenue, southeast corner of Grove street (Block No. 3328, Lot No. 1), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, November 28, 1933, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Myrtle avenue is in a business and unrestricted district; Grove street is in a business and unrestricted district, and Linden street is in a business and unrestricted district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 19, 1933 (re Applic. No. 2334-33), reads:

"Application contrary to Art. II, Sect. 4, Zoning Resolution—removing curb between gasoline station and adjoining premises, is in effect, extending use of gasoline station into business district. DENIED.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 278 ft. 5 in. on Myrtle avenue, 34 ft. 7 in. on Linden street and 230 ft. on Grove street; on the east portion of the plot (having a frontage of approximately 130 ft. on Grove street) there is located a gas station which is in the unrestricted district; there is an 18-inch-high terra cotta curbing along the west line of the existing gas station; also, it (the curb) is located on the dividing line of the business and unrestricted district; lying to the west of the existing station there is a plot of ground having a frontage of 50 ft. on Grove street upon which are located greasing pits; it is proposed to remove the curbing between the gas station and the plot and to use this whole area as a gasoline service station; at the apex of the plot there is located a one-story (brick) store building which is to remain; and

WHEREAS, the board having informally inspected the property and being familiar with the circumstances involved, deemed that applicant was not entitled to relief because of hardship, as defined by section 21 of the building zone resolution; and

WHEREAS, this application was denied by the board at its meeting November 28, 1933; and

WHEREAS, on Court review the board was sustained by Special Term, but on further review in the Appellate Division of the Supreme Court the board was reversed; and

WHEREAS, the application was reopened by vote of the board.

Resolved, that under instructions of the Court the decision of the commissioner of buildings be and it hereby is *reversed* and the application be and it hereby is *granted* permitting the plot under appeal within the business use district to be occupied as a gasoline selling station in conjunction with the adjoining existing gasoline station in the unrestricted area, *on condition* that no buildings are to be erected within the business area; that the entire area except where open greasing racks are located shall be cement paved; that curb cuts on Myrtle avenue and Grove street shall not exceed those now existing; that railings or curbs shall be erected alongside of the greasing area for the protection of the public; that no portable gasoline tanks shall be used on or from the premises; that no motor vehicle repairing shall be carried on within the business use area and no parking of cars except those being serviced; that no gasoline pumps erected within the business use area shall be nearer than 10 feet to either street building line; that if openings exist in the rear wall of the building adjoining to the

northeast, that a masonry wall at least 8 ft. high shall be erected on the building line continuously from Myrtle avenue to Grove street.

556-26-BZ.

APPLICANT—John F. Meehan, for Avoncel Realty Co., owner.

SUBJECT—Application for Approval of Plans, in accordance with resolution adopted by the board on July 2, 1935.

PREMISES AFFECTED—501 West 180th street and 2418 Amsterdam avenue, northwest corner (Block No. 2152, part of Lot Nos. 82, 83, 84 and 85), Manhattan.

APPEARANCES—

For Applicant: Daniel Marshall.

ACTION OF BOARD—Plans approved on condition.

THE VOTE TO APPROVE PLANS—

Affirmative: Commissioners Savage and Blum
and Assistant Chief Kidney 3
Negative: Chairman Murdock 1
Absent 0

THE RESOLUTION—

(556-26-BZ)

WHEREAS, this application affecting premises 501 West 180th street and 2418 Amsterdam avenue, northwest corner (Block No. 2152, part of Lot Nos. 82, 83, 84 and 85), Borough of Manhattan, to permit in a business district the erection and maintenance of a gasoline service station; and more than five (5) individual garages was denied by the board December 21, 1926; and

WHEREAS, John F. Meehan, for the Avoncel Realty Co., present owner, requested a reopening of this case to permit only the erection and maintenance of the gasoline service station and the case was reopened by vote of the board Jun 19, 1934; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, July 2nd, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Amsterdam avenue is in business and residence districts; Audubon avenue is in a business district; West 180th street is in a residence district, and West 181st street is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 12, 1934, re N. B. App., No. 60-1934, reads:

"1. Gasoline selling station within a business use district is contrary to Art. II, Section 4a, Subdivision 46, Building Zone Resolution.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 feet on Amsterdam avenue and 50 feet on West 180th street upon which it is proposed to erect a one-story structure 50 feet by 20 feet in area to be used as office, auto laundry and greasing room; also proposes to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the board denied this application for a temporary period of five years and reopened the application for consideration for a permanent variation under Section 21; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution, on the grounds of unnecessary hardship and was, therefore, entitled to relief; and

WHEREAS, this application was granted by the board July 2, 1935, the following resolution being adopted:

"*Resolved*, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted*

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under section 21, permitting the plot under appeal to be used for a gasoline service station, *on condition* that complete plans shall be submitted for approval within three months from the date of this action, and that after such submission the board shall impose such conditions as may seem desirable and necessary.”; and

WHEREAS, in conformity with said resolution the applicant has submitted complete plans for approval.

Resolved, that the Board of Standards and Appeals does hereby *approve* plans marked “Received September 28, 1935,” as in accordance with its resolution adopted July 2, 1935, covering the plot under appeal at the northwest corner of Amsterdam avenue and West 180th street, with a frontage on Amsterdam avenue of 100 feet and a frontage of 50 feet on West 180th street, *on condition* that accessory building lot line walls and street line curbs shall be constructed and maintained and of the materials as indicated on plans marked “Received September 28, 1935”; that the openings to streets shall not exceed the number and width thereon shown; that the entire plot where not covered by buildings and walls shall be cement paved; that no gasoline pumps shall be installed nearer to either street building line than 13 feet, as indicated; that the greasing section shall have an unenclosed front unless the pit area is ventilated through the roof by means of ducts leading from the pit area and connected with a spark and vaporproof exhaust fan; that the heater room shall be separated from the balance of the building by fireproof construction and fireproof self-closing door; that there shall be no open excavation except the pits of the greasing racks and the depressed floor of the heater room; that the walls on the interior and street lot lines shall be constructed of face brick and suitably coped and not less than 8 feet in height except that walls may be constructed at 4 feet in height at the northerly line of the plot at the Amsterdam avenue street building line and at the southerly end of the plot where the wall meets the opening to 180th street, provided the wall is stepped up at the rate of one foot in four to the 8-foot height; that advertising shall be restricted to the illuminated globes of the gasoline pumps and to two post standards erected within the building line where indicated, on which standards there may be erected illuminated signs advertising only the brand of gasoline on sale, which signs may overhang the building line not over 8 feet with a height above sidewalk of not less than 10 feet, excluding all other signs except the permanent sign attached to the front of the building facing Amsterdam avenue; that lighting at night may be by means of spotlights erected on post standards near the Amsterdam avenue building line, as indicated; that these spotlights shall be provided with metal reflectors arranged to reflect downwardly; that all windows opening on adjoining property under the same ownership shall have steel frames and sash and be glazed with wired glass and be made self-closing; that no portable gasoline tanks shall be used on or from the premises; that no motor vehicle repairing shall be carried on and no parking or storage of automobiles shall be permitted except those being serviced; that final plans complying with the herein condition shall be submitted and approved by the chairman in behalf of the board before submission to the commissioner of buildings, and that all work shall be completed within one year from the date of this action.

APPEALS FROM ADMINISTRATIVE ORDERS

256-35-A.

APPELLANT—George Greene, for Gold Seal Button Works, Inc., lessee.

SUBJECT—Appeal from an order of the fire commissioner.
PREMISES AFFECTED—416-418 Marcy avenue, southwest corner of Walton street (Block No. 2244, Lot No. 36), Brooklyn.

APPEARANCES—

For Appellant: George Greene, Robert G. O. Kane.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal laid over to October 15, 1935, at 2 p. m., for report of committee on inspection.

221-35-A.

APPELLANT—Eureka Oil Corporation, lessee, for Samuel Noller, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—45-02 11th street, southwest corner of 45th avenue (Block No. 49, Lot No. 28), Long Island City, Queens.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Appeal withdrawn on written request of appellant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

239-35-A.

APPELLANT—Samuel Rosenblum, for Caroline White, owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—361-63 Broadway and 67-69 Franklin street, southwest corner (Block No. 174, Lot No. 31), Manhattan.

APPEARANCES—

For Appellant: Samuel Rosenblum.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(239-35-A)

WHEREAS, Samuel Rosenblum, for Caroline White, owner, filed September 9, 1935, an appeal from an order of the commissioner of buildings affecting premises 361-63 Broadway and 67-69 Franklin street, southwest corner (Block No. 174, Lot No. 31), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated July 15, 1935, Order No. 23148-F, reads:

“1. Install an approved standpipe system in accordance with the rules of the Board of Standards and Appeals, Sec. 580-1, Article 20, Chapter 5, Code of Ordinances.”;

and

WHEREAS, the decision of the commissioner of buildings, dated August 26, 1935, reads:

“In reply to your letter of August 16th, you are advised that Order No. 23148-F is applicable, and your request for reconsideration is therefore denied.”;

and

WHEREAS, the building is of non-fireproof construction, 6 stories (95 ft. 3 in. in height), 54 ft. 3½ in. by 165 ft. 3 in. in area; OCCUPIED: 1st story, stores; 2nd, 3rd and 4th stories, showrooms of textiles, total of 48 persons; 5th story, stationery supplies, 15 persons; 6th story, storage, 5 persons; located within a business district; and

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WHEREAS, the applicant claims the building was erected in 1887, with fireproof floor construction and two wood interior stairs, each enclosed in fireproof material; there is also a fire escape on the Franklin street front, provided with 60 degree connecting stairs, fireproof windows along the course thereof and counterbalanced stairway to sidewalk; the building is also equipped with an automatic sprinkler system fed from a 10,000 gallon gravity tank and a 7,500 gallon pressure tank; at the time of erection a 2-inch vertical line was installed with an outlet at each story and connected to the 3,500 gallon house tank, while this is not considered a standpipe line it is useful to the occupants; the building is less than 10,000 square feet in area, the use is non-hazardous and the occupancy is small; the order was issued solely on account of the height of the building being in excess of 85 feet; furthermore, the applicant contends that the building is located on a corner lot, practically fireproof, provided with adequate fire exits and fire fighting equipment; that there is no existing condition which would require the burdensome installation of a standpipe system; it is requested that the existing equipment be accepted without change.

Resolved, that the order of the commissioner of buildings, No. 23148-F, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the continuation of the existing standpipe system, *on condition* that the automatic filling pump shall be maintained; that the house supply shall be taken from the tank above the 2,500-gallon level, so that at all times there will be 2,500 gallons of water available in the standpipe system; that the standpipe outlets on each floor shall be fitted with a standard 2½-inch house outlet with 1½-inch reducer; that there shall be installed 150 ft. of 1½-in. standard hose in three lengths per story; that a 3-inch siamese shall be installed on the Franklin street side with the usual required check valve and drip connected to the standpipe riser by a 3-inch header; that the hose nozzles on all floors shall be ½-inch in diameter; *granted* only so long as the building is not increased in height or occupancy and complies with all the laws and ordinances relative to this type of building and occupancy; and that the sprinkler system shall be maintained in accordance with the rules of the Board of Standards and Appeals and that the central district alarm connections shall be maintained.

APPLIANCES SUBMITTED FOR APPROVAL.

88-35-SA.

APPLICANT—Walter F. Webber, for The Trumbull Electric Mfg. Co., owner.

SUBJECT—Kraissel-Trumbull Fuel Oil Wall Pump No. 522, for Domestic Oil Burners, approval of.

APPEARANCES—

For Applicant: Walter F. Webber.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of board and bureau of combustibles, fire department, for test and report.

123-35-SA.

APPLICANT—John Manton Co., for National Airoil Burner Co., owner.

SUBJECT—National Airoil Safety Tank Filling Valve, approval of.

APPEARANCES—

For Applicant: Edward James.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of board and bureau of combustibles, fire department, for test and report.

253-35-SA.

APPLICANT—Preferred Utilities Mfg. Corp., owner.

SUBJECT—Preferred Oil Burner (Manual Operation), Model D.O., approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of board and bureau of combustibles, fire department, for test and report.

263-35-SA.

APPLICANT—Hoffman Gas & Electric Heater Co., owner; Jno. C. Fullerton, Inc., agent.

SUBJECT—Ker-Oil Automatic Water Heater, approval of.

APPEARANCES—

For Applicant: J. C. Fullerton.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of board and bureau of combustibles, fire department, for test and report.

264-35-SA.

APPLICANT—Perfect Burner Company, Inc., owner; Harold A. Cobb, agent.

SUBJECT—Perfect Automatic Oil Burner, Models DL-7, DL-8, DL-10, O-5, O-7, O-8 and O-10, approval of.

APPEARANCES—

For Applicant: H. A. Cobb.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of board and bureau of combustibles, fire department, for test and report.

65-35-SA.

APPLICANT—A. Young, agent for Viking Manufacturing Co., owner.

SUBJECT—Viking Range Water Heater, Models 222-232-242, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(65-35-SA)

WHEREAS, A. Young, agent for the Viking Mfg. Co., owner, filed March 13, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Viking Range Water Heater, Models, 222-232 and 242; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This is a combination burner and hot water unit used for furnishing hot water in domestic installations and the only difference between the Models 222, 232 and 242, is in the fact that larger sized water boilers are used. The principle and operation of all three models are the same.

The burner unit is of the range type construction and consists of the following parts:

A cast iron burner ring, having concentric circles mounted upon which are four perforated steel shells, having a chromium content of 18 to 20 per cent. The burner base is 7 inches in diameter. The burner has a two point levelling arrangement whereby the proper level of the burner may be maintained. On the out-

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side and attached to a cast iron base is an Automatic Products constant level thermostatic control valve, Model 240W. The difference in level between the control and burner base is 1/8th of an inch. The oil flows from a standard gravity tank to the oil control valve and then passes through that to the two carbon legs of the burner base and thence into the vaporizing chambers.

Instead of using a metallic wick, there is a ceramic element which acts as a wick. Inserted into the hot water boiler is an immersion type thermostat. The expansion and contraction of which operates the metering valve in the oil control valve.

The operation of the burner and safety controls were tested for approximately 75 minutes and found that all parts of the unit functioned as designed.

As a result of this inspection test, it is recommended that the Viking Range Water Heater, Models 222, 232 and 242, be approved for domestic installations when installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on July 12th, 1935.

Resolved, that the Board of Standards and Appeals does hereby *approve* the Viking Range Water Heater, Models 222-232 and 242, for use in domestic installations with range oil or No. 1 fuel oil when installed in accordance with the oil burner rules of the Board of Standards and Appeals adopted July 12, 1935, *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 65-35-SA.

172-35-SA.

APPLICANT—Florence Stove Company, owner.

SUBJECT—Florence Oil Space Heaters, Models PH-28 and PH-8, approval of.

APPEARANCES—

For Applicant: Harvey Golden.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(172-35-SA)

WHEREAS, the Florence Stove Company, owner, filed June 24, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Florence Oil Space Heaters, Models PH-28 and PH-8; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

MODEL PH-28:

This is a two-burner cabinet Space Heater. The

burner consists of a pressed steel pot having perforated steel shell sides 7 in. high. The oil flows to the two burners from two three-gallon metal tanks located at the back of the cabinet. These tanks are so arranged that one of them has a level 1/32 in. higher than the other, which permits of an equal flow of oil from both tanks.

The top of the burner unit is a cast iron circular plate. The supply of oil is regulated by metering valves of the "V" slot type, manufactured by the Worster Taper Pin Company. The tube is .049 wall extra heavy copper. These heaters are flue connected and equipped with automatic dampers.

MODEL PH-8:

This Space Heater is identical in operation with the above, with the exception that it has only one burner unit, and the walls of the cabinet are round instead of oblong. The metering valve is identical with the above, and the burner is equipped with a horizontal three-gallon tank.

When the oil is turned on full without lighting, it rises only 3/4 in. in the top of the burner. These Space Heaters were operated under actual working conditions, and found that the mechanism and controls functioned as designed.

In recommending them for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction cards, and that this approval be not final until a copy of said instruction card has been filed with the Board of Standards and Appeals.

As these Space Heaters were installed in accordance with the provisions of the Oil Burner Rules adopted by the Board of Standards and Appeals on July 12, 1935, it is recommended that same be approved for use in domestic and commercial installations.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Florence Space Heaters, Models PH-28 and PH-8, for domestic and commercial installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals and in accordance with the following additional requirements:

1. Only an approved Safety Can Shall be used in Filling This Storage Container.
2. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use In New York City
Under Cal. No. 172-35-SA.

3. Floor beneath oil burner device shall be protected by a shield of at least 1/2 inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
4. The manufacturer or installer of this burner shall, within 48 hours of each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
5. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

Adjourned, 4:00 p. m.

EDWARD V. BARTON, Chief Clerk.

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MINUTES

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, October 1, 1935, as they appeared in the Bulletin No. 41, Vol. XX, are hereby corrected to read as follows:

222-35-SA.

APPLICANT—United States Burner Corp., owner.

SUBJECT—United States Gun Type Oil Burner—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with the report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(222-35-SA)

WHEREAS, United States Burner Corporation, owner, filed August 19, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the United States Gun Type Oil Burner; and

WHEREAS, the device was submitted to the engineer of board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

* Correction—The following added in the second and third preamble: "board and the bureau of combustibles of the fire department for test and report; and

"WHEREAS, the report of the engineer of the board and of"

This burner is of the mechanical draft pressure atomizing type and was installed in steam boiler used for heating purposes. The burner is designed to use Nos. 1-2-3-4 commercial grades of fuel oil and consists of the following:

Leland 1/6 H.P. Motor; Webster unit consisting of pump, strainer and regulating valve; Sirocco type fan; and Benjamin nozzle.

Ignition—Electric, Jefferson transformer being used; voltage 110-10,000.

Controls—Penn steam switch and a saftrol, manufactured by Penn Electric Company.

With the oil supply shut off and a cold combustion chamber, the burner was operated, and on two successive tests, the controls shut the burner down in 89 and 91 seconds, respectively. The oil was then turned on and burner operated under actual working conditions. During the period of test, the flame was continuous non-fluctuating and free from smoke and soot. Examination of the combustion chamber showed no undue carbon formations.

As a result of the above test, it is recommended that this burner be approved for industrial, commercial and domestic use, when installed in accordance with the Oil Burner Rules adopted July 12, 1935, by the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as United States Gun Type Oil Burner, for domestic, commercial and industrial installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 4, on condition that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 222-35-SA.

APPROVED APPLIANCES

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech) ..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

USE OF HYDRATED LIME IN CONCRETE

Adopted by the Board of Standards and Appeals, April 19, 1920, under Cal. No. 153-20-S.

The use of hydrated lime in all classes of concrete construction shall not be prohibited when used in accordance with the conditions hereinafter set forth.

The hydrated lime shall conform with the standard specifications for this material which have been adopted by the American Society for Testing Materials.

The maximum amount of hydrated lime which may be used shall conform with the following table, all weights given being the amount of lime which may be incorporated for each ninety-five pound bag of Portland cement:

1-1½-3 Mix, 4 pounds of hydrated lime per bag of cement.

1-2-4 Mix, 5 pounds of hydrated lime per bag of cement.

1-2½-5 Mix, 6 pounds of hydrated lime per bag of cement.

For hand mixed concrete, the hydrated lime and Portland cement shall be well mixed while dry.

Hydrated lime shall not be used in concrete which is to be deposited under water.

RULES

OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals June 15, 1934, as Amended July 12, 1935, and as Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS—Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

CONTROLS—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND—An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp.	Gr.	(A. P. I.)	40-44°
No. 1	Fuel Oil	"	"	"	36-40°
No. 2	"	"	"	"	32-36°
No. 3	"	"	"	"	28-32°
No. 4	"	"	"	"	24°+
No. 5	"	"	"	"	18°+
No. 6	"	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 33 in

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. in diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material. All such tanks shall be electrically grounded.

(e) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P' equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

Correction—paragraph (d) eliminated, covered by Rule 5, section 1 and Rule 10, section 3; paragraph (e) change to (d) and portion, covering thickness of shell, eliminated, covered by Rule 5, section 1; paragraph (f) change to (e).

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "
If distant 50 feet.....	48,000 "
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unperforated. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

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Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimensions of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

RULES

Published at request of the Fire Chief and Commissioner

SPECIFICATIONS FOR TANK TRUCKS

To be used in the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, in accordance with the provisions of Section 113, Article 8, Chapter 10 of the Code of Ordinances, effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, storage or use within the city any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester, except in a tank truck for which a permit has been granted by the Fire Chief and Commissioner. (Sec. 113, Art. 8, Chap. 10.)
- 1.2. . . A permit is required for each tank truck for the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester. (Sec. 113, Art. 8, Chap. 10, C. of O.)
- 1.3. . . Application for a permit shall be made on forms prescribed by said Fire Chief and Commissioner and shall contain such information as he shall require. (Sec. 20, Art. 2, Chap. 10, C. of O.)
- 1.4. . . Unless otherwise provided every permit for a tank truck and the renewal thereof, shall be for a period determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Sec. 26, Art. 2, Chap. 10, C. of O.)
- 1.5. . . The permit is revocable and not transferrable and in case of a change of ownership of the truck, the new owner shall obtain a new permit. Fee \$10.00 for each truck. (Sec. 43, Art. 3, Chap. 10, C. of O.)
- 1.6. . . Complete specifications of the truck, with detail construction drawings showing plan and elevation of the tank, also carrying capacity of the chassis, shall be filed. This section will not apply to existing equipment.

RESPONSIBLE PERSON

- Sec. 2.1. . . Each tank truck for which a permit has been issued shall be under the control and supervision of a responsible person.

GRAVITY TANK TRUCK

- Sec. 3.1. . . The term gravity tank truck when used in these tank truck specifications shall be a steel tank mounted on either a motor driven or horse drawn vehicle, in which the contents shall be any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, and is drawn off through an opening or openings in the bottom of the tank whether by natural gravity flow or actuated by some mechanical means.

TANK CAPACITY

- Sec. 4.1. . . The total carrying capacity of the tank shall not exceed twenty-five hundred (2500) gallons, except that heavy oils, (Numbers 5 and 6) may be carried in a tank of not more than three thousand (3,000) gallons capacity.
- 4.2. . . The total capacity of any one compartment shall not exceed six hundred gallons (600), except that heavy oils numbers 5 and 6 may be carried in a three thousand gallon compartment.
- NOTE: See U. S. Dept. of Commerce Fuel Oil Standards CS12-33.

4.3. . .

Grade	Flash Point	
	Minimum	Maximum
No. 1. (A distillate oil for use in burners requiring a volatile fuel)	110° F.	165° F.
No. 2. (A distillate oil for use in burners requiring a moderately volatile fuel)	125° F.	190° F.
No. 3. (A distillate oil for use in burners requiring a low viscosity fuel)	150° F.	200° F.
No. 4. (An oil for use in burners requiring low viscosity fuel)	150° F.	
No. 5 (An oil for use in burners permitting a medium viscosity fuel. (Bunker B, Federal specification, 2d)	150° F.	
No. 6. (An oil for use in burners permitting a high viscosity fuel. (Bunker C, Federal specification, 2d)	150° F.	

TANK CONSTRUCTION

- Sec. 5.1. . . The tank shall be a rigid all steel structure, open hearth or blue annealed steel throughout, in accordance with the following table. Wrapper sheets shall be installed with longitudinal seams near the top. All joints shall be welded. The joints shall be welded (continuous) both inside and outside and shall be of full 45 degree fillet, except in double bulk head construction one-side welding only.
- 5.2. . . All gauges specified are U. S. Standard and apply to either single or double head construction.
- Tanks of not more than 600 gallons capacity—12 gauge shell—12 gauge head
- Tanks of over 600 gallons and not more than 1200 gallons capacity—10 gauge shell—10 gauge head
- Tanks over 1200 gallons and not more than 3000 gallons capacity—
- 400 gallon compartment and under 10 gauge shell—10 gauge head

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over 400 gallon compartment and not more than 600 gallon compartment—10 gauge shell—8 gauge head
for compartments over 600 gallon to carry 5 and 6 oils—8 gauge shell—8 gauge head
Tank capacities to conform to sections 4.1 and 4.2 of these specifications.

No permit shall be granted to a tank truck using a tank of lighter construction than above specified after July 1, 1937.

Sec. 5.3. . . Material other than open-hearth or blue annealed steels may be used if in thicknesses and designs that will give tank strengths and rigidities not less than those of the steels described and which have an equal or higher melting point.

5.4. . . All existing welded and riveted tanks will be accepted, if free from ruptures, defects and leakage.

CAPACITY INDICATOR

Sec. 6.1. . . Adjustable indicator or gauging device shall be placed in each filler opening so set as to allow three-fourths of a gallon to each one hundred (100) gallons for expansion. Total shall not be above indicator level. Indicator shall be sealed. The installation of indicators as above described, not required on existing equipment.

RELIEF VENTS

Sec. 7.1. . . Each compartment shall be provided with a breather vent. The vent shall be of the normally closed pressure controlling type, except for oils known as Numbers 5 and 6.

7.2. . . Vents of the enclosed type shall relieve at not more than five (5) pounds pressure, except for oils Numbers 5 and 6. All vents shall be provided with a 20 x 20 mesh non-corrodible wire screen.

7.3. . . Vents shall have a through area as below specified and shall be provided as follows:
3/4" diameter vent when 2" drawoff pipe is used
3/4" diameter vent when 2 1/2" drawoff pipe is used
1" diameter vent when 3" drawoff pipe is used
1 1/2" diameter vent when 4" drawoff pipe is used
1 1/2" diameter vent when 6" drawoff pipe is used

COVERS

Sec. 8.1. . . Manhole and filler openings shall be made gas and liquid tight with a hinged cover.

TEST

Sec. 9.1. . . Each compartment shall show no signs of leakage; hydrostatic test of 5 pounds per square inch will be made on demand of the Fire Chief and Commissioner.

INSIDE EMERGENCY VALVES

Sec. 10.1. . . An inside emergency valve (except compartments of one hundred and fifty (150) gallons or less) shall be provided at the outlet orifice from each compartment and shall be kept closed except during delivery

or discharging operation. Except for tanks containing Nos. 5 or 6 oil, the valve shall be of the quick closing type and arranged to close with the flow of liquid and shall be installed independent of the outside pipe connections or with a shear section which will break under strain. There shall be no stuffing box below the liquid level. In tanks containing numbers 5 or 6 oil, the valve may be either of the quick closing or of the screw type.

OUTSIDE PIPING AND VALVES

Sec. 11.1. . . Each compartment or tank shall be emptied by means of gravity or by pump or both, or if so desired, the syphon type of truck as approved for gasoline, may be used.

11.2. . . When pump is used, it shall be provided with a sealed means of bypassing so designed and set that it will not deliver more than 25 gallons per minute through a 1 1/4 inch delivery hose and not more than 50 gallons per minute when using a delivery hose not exceeding 2 inches in diameter when delivering fuel oils Numbers 1, 2, 3 and 4 as specified under Section 4.3 of these Specifications. Provisions shall be made for a pressure gauge on the discharge side of the pump. Grounded flexible hose of not more than 24 inches in length may be used between the pump and the suction end of the discharged piping.

11.3. . . On tank semi-trailer equipment which is a vehicle of the trailer type (upon which is mounted a tank) having one or more axles and two or more wheels so designed and used in conjunction with a motor vehicle that some part of its own weight and that of its own load rests upon or is carried by another vehicle, grounded flexible hose not exceeding six (6) feet in length, shall be used to connect the piping on the motor vehicle to the piping on the tank semi-trailer.

11.4. . . Piping shall be connected to the bottom of the tank, either by having the wrapper sheet flanged and special connections welded thereto, or by heavy pipe flanges welded both inside and outside to the wrapper sheet when screwed piping is used (valves excepted) the joints shall be either welded, brazed or cemented for tightness.

11.5. . . Piping shall be supported from the tank or tank structure. Rear and side outlet valves shall be protected by rear bumper or on the side by the steel running boards. Hose shall not exceed 100 feet in length.

MOUNTING

Sec. 12.1. . . Each tank shall be substantially supported by iron or pressed steel cradles or steel bolsters. The tank shall be secured to the bolsters or cradles either by welding or by approved metal straps.

12.2. . . If a wooden sill is used the hold-down bracket must be so designed that both the "U" bolts which fasten the sill to the chassis frame, and the hold-down bands which hold the tank to the cradle, become a part of the same bracket assembly, so that there will always be a metal connection between tank and chassis. The sills must be so anchored as to prevent any longitudinal movement of the tank structure relative to the chassis frame.

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BUMPERS

- Sec. 13.1. . . A substantial steel bumper shall be provided at the rear, so designed as to protect the rear of each tank and the discharge valves from injury.
- 13.2. . . Bumpers shall be permanently secured to the chassis frame and in such a manner as to provide protection for the rear of the tank and the discharge valves.

BUCKET BOXES & RUNNING BOARDS

- Sec. 14.1. . . Bucket boxes when used must be of metal construction not lighter than 14 U. S. Standard gauge—must be a permanent part of the tank structure and provided with drainage and ventilation through the bottom. Hard wood lining may be used to prevent sparking. All steel running boards shall be provided and shall not extend beyond the maximum width of the chassis. The over-all width of the assembled tank truck shall not exceed the State limitations. All rags or cotton waste shall be kept in a covered metal box.
- 14.2. . . Running boards constructed of wood if in good condition shall be accepted on existing equipment.

WIRING

- Sec. 15.1. . . All wires from rear of the cab to the rear of the tank shall be located in rigid iron, flexible steel conduit, armored cable, or approved metal conduit with water tight connections.
- 15.2. . . The tail light shall be mounted at the level of the top of the tank, on the left side rear.

SMOKING

- Sec. 16.1. . . Smoking on a tank truck is prohibited at all times.

CHASSIS WEIGHT

- Sec. 17.1. . . The net chassis weight without accessories, such as cab, spare tire, water, gasoline, front and rear bumpers, etc., shall weigh not less than the percentage of the gross weight when fully loaded and completely equipped as follows:

For tanks	0 to 600 gallons—	25%
" "	601 " 1250 "	—30%
" "	1251 " 3000 "	—28%

When tractor-semi-trailer equipment is used, the net chassis weight shall include both the tractor and semi-trailer chassis.

EXAMPLE

17.2. . . Weight of Chassis (stripped) . .	9245 lbs.
" " Tank (hose reel, etc.)	5300 lbs.
" " Fuel oil (1500 gal. at 7.5 per gal.)	10800 lbs.
" " Cab	500 lbs.
" " Accessories, water, gas, spare tire, etc.)	485 lbs.

26330 lbs.

28% of 26,330 lbs. equal 7372 lbs.—minimum weight of chassis acceptable.

- 17.3. . . A chassis to be acceptable must be accompanied by a sworn statement signed by the Chief Engineer of the company manufacturing the chassis, guaranteeing the truck to be safe for the superimposed load. Duplicate chassis may be submitted without individual sworn statements.

- Sec. 17.4. . . A chassis of less weight than specified in Section 17.1 may be accepted if accompanied by a certificate of the manufacturer supported by sworn statement of the Chief Engineer or other technical expert that said chassis is sufficiently strong to carry the superimposed weight for which it is designed, and further that it is of sufficient stability at all times while stationary or in motion in traffic to be a safe vehicle on the highways.

- 17.5. . . The engine exhaust piping shall terminate preferably under the cab. If carried under the tank, it shall terminate not more than one-half the length of the tank from the rear. It shall be protected by a metal shield. The outlet shall be turned downward.

- 17.6. . . The use of any vehicle (upon which is mounted a tank) without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as full tank trailer, is prohibited.

CAB

- Sec. 18.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. Engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab. The filling connection shall preferably be outside the cab. A windshield shall be provided.
- 18.2. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck, in a card holder.

PAINTING AND MARKING

- Sec. 19.1. . . The tank and rear bucket compartment, if any, shall be painted Dark Green; but the chassis, running gear, cab, bonnet or hood of motor, or the wheels may be painted any color suitable to the applicant.
- 19.2. . . The metal permit plate, furnished by the Fire Department at the same time the Fire Department permit is issued, must be securely fastened to the exterior of the cab on the left side of the tank truck and be so displayed during the life of the permit.
- 19.3. . . The registered trade name, or the name of the person, firm or corporation owning or operating the tank truck shall be displayed on both sides of the tank in letters at least three and one-half inches high by one-half inch stroke; it is optional with the distributor to add the name of the product and the firm address.
- 19.4. . . The advertising of any product distributed by the person, firm or corporation operating the tank truck is permitted, but oils having a flashpoint of less than 100° F. when tested in an open cup tester shall not be advertised on any part of the tank truck.

FIRE PROTECTION

- Sec. 20.1. . . Non-freezing fire appliances only shall be carried on tank trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

RULES

CANS

Sec. 21.1. . . Excess storage of the product transported or delivered not exceeding sixty (60) gallons in containers as specified in Section 113, Article 8, Chapter 10, Code of Ordinances, may be carried in the bucket compartments and it is further provided that where a delivery is made in a licensed premise, open measuring cans of a capacity not exceeding ten (10) gallons may be used if same are not left on premises as a storage container.

SPECIFICATIONS FOR PLATFORM TRUCKS

To be used for the transportation or delivery for storage, sale or use within the City, of any petroleum or shale oil, or the liquid products of either, or coal tar in accordance with Sections 113 and 114, Article 8, Chapter 10 of the Code of Ordinances effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, use or storage within the City any petroleum or shale oil, or the liquid products of either, or coal tar without a permit from the Fire Chief and Commissioner. (Sections 113 and 114, Article 8, Chapter 10, Code of Ordinances.)
- 1.2. . . Application for a permit shall be made on forms prescribed by the Fire Chief and Commissioner and shall contain such information as he shall require. (Section 20, Article 2, Chapter 10, Code of Ordinances.)
- 1.3. . . Unless otherwise provided every permit for a rack or stake truck and the renewal thereof, shall be for a period to be determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Section 26, Article 2, Chapter 10, Code of Ordinances.)
- 1.4. . . The permit is revocable, not transferrable and in the case of a change of ownership, the new owner shall obtain a new permit. (Section 43, Article 3, Chapter 10, Code of Ordinances.) Fee Ten (\$10) Dollars for each truck.
- 1.5. . . The metal plate, furnished by the Fire Department at the same time the Fire Department Permit is issued, must be securely fastened to the exterior of the cab on the left side of the truck and be so displayed during the life of the permit.
- 1.6. . . A permit shall be issued only for this type of vehicle for a gross weight of vehicle and load not to exceed a weight in pounds which shall be stated in a certified statement which is filed with the Fire Chief and Commissioner by the manufacturer of the completed chassis.

BODIES

Sec. 2.1. . . Trucks may have any type of body suitable to the applicant, provided it is mounted on a chassis in a workmanlike manner.

CAB

Sec. 3.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. The engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab.

The filling connection shall preferably be outside the cab. A windshield shall be provided.

Sec. 3.2. . . Engine fuel tanks, if attached to chassis frame and located on right side, and not extending beyond the width of the body, shall be accepted if on existing equipment.

WIRING

Sec. 4.1. . . All wiring used on this type of truck shall be kept in a safe condition.

RACKS

- Sec. 5.1. . . If rack compartments are used to hold containers they shall be substantially made and so arranged, when placed in tiers, that the construction of the lower rack compartment will support the weight of the upper rack compartment and the containers.
- 5.2. . . Products shall only be transported or delivered on a truck of this type in containers as specified in Sections 113 and 114 of Article 8 of Chapter 10 of the Code of Ordinances of the City of New York.
- 5.3. . . Containers not exceeding five (5) gallon capacity shall be transported or delivered in a case of a design that will prevent any weight or strain being placed upon the container.
- 5.4. . . Containers as specified in Section 5.2 of these specifications may be stacked in tiers if the rated gross load does not exceed the provisions of Section 1.6 of these specifications.

TRAILERS

Sec. 6.1. . . The use of any vehicle, without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as a full trailer, is prohibited.

PAINTING AND MARKING

- Sec. 7.1. . . The body of this type of truck may be painted any color suitable to the applicant.
- 7.2. . . The registered trade name or the name of the person, firm or corporation operating this type of truck shall be displayed on both sides of the truck in letters at least two inches in height by one-quarter inch stroke.

FIRE PROTECTION

Sec. 8.1. . . Non-freezing fire appliances only shall be carried on these trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

SMOKING

Sec. 9.1. . . Smoking on a truck while transporting or delivering any oils or liquids requiring a permit from the Fire Chief and Commissioner is prohibited.

RAGS

Sec. 10.1. . . All rags or cotton waste shall be kept in a covered metal box.

INSPECTION CARD

Sec. 11.1. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck in a card-holder.

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2½:5 concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
- 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
- 1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A"
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 77-34-SA—Packard Fuel Oil Burner.
- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 165-34-SA—Rose Oil Heater.
- 203-34-SA—King Oil Burner.
- 205-34-SA—Automatic Firetox Extinguisher.
- 224-34-SA—Progressive Press Machine Oil Burner.
- 234-34-SA—Bland Range Oil Burner.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.

- 123-35-SA—National Airoil Safety Tank Filling Valve.
- 133-35-SA—Monarch Industrial Oil Burner.
- 135-35-SA—Loyalty Conversion Hot Water Heater.
- 139-35-SA—Syncro-Flame Oil Burner, Model RH.
- 156-35-SA—Gillespie Elevator Shaft Door Switch.
- 157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.
- 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
- 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 165-35-SA—Serv-Well Range Oil Burner, Models 27B and 27T.
- 166-35-SA—Serv-Well Space Heater, Models 247T and 248.
- 167-35-SA—Serv-Well Water Heater, Models 255A and 255B.
- 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
- 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
- 180-35-SA—Majestic Range Oil Burner, Models 27B and 27T.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.
- 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
- 190-35-SA—Air-O-Flame Space Heater, Pot Type, Models 808, 810 and 108.
- 204-35-SA—Rhode Island Fill Box for Fuel Oil.
- 206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.
- 207-35-SA—Cole's Blast Oil Burning Heating Stove.
- 208-35-SA—Oceco Rotary Pump for Petroleum Products.
- 213-35-SA—Preferred Fill Box.
- 214-35-SA—Simplex Terminal Fill Box.
- 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
- 217-35-SA—Brigham Oil Burner.
- 219-35-SA—United Copper Service Pipe.
- 223-35-SA—Newbury Fill Caps for fuel oil.
- 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
- 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
- 231-35-SA—Scaltite Fill Cap for fuel oil.
- 233-35-SA—Odine Beautyheater (Space Heater).
- 236-35-SA—Penn Rotary Oil Burner.
- 241-35-SA—Carbonic Gas Equipment Company Dry Ice Converter.
- 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
- 244-35-SA—Woolley Patent Mechanical Oil Burner.
- 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
- 249-35-SA—Acme High and Low Water Alarm Tank Switch.
- 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
- 263-35-SA—Ker-Oil Automatic Water Heater.
- 264-35-SA—Perfect Automatic Oil Burner, Models O-5, O-7, O-8, O-10, DL-7, DL-8 and DL-10.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	31
Cases filed up to October 9, 1935	275	Dismissed	13
Restored to Calendar	108	Denied	70
		Granted	4
		Granted on condition	155
		Appliance approved	63
		Appliances dismissed, disapproved or withdrawn.....	8
		Rules approved	2
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	305	Requests to reopen granted	280
Requests to amend	111	Requests to reopen denied	5
Requests for modification	0	Requests to amend granted.....	111
Requests to rescind	6	Requests to amend denied	0
Requests for extension of time	50	Requests for modification granted	0
Requests for extension of permit	8	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	6
Requests for approval of plans	9	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	50
Requests for interpretation	0	Requests for extension of time denied	0
Total	1035	Requests for extension of permit granted	8
Disposed of	835	Requests for extension of permit denied	0
Cases pending October 9, 1935	200	Requests to install granted	0
		Requests to install denied	0
		Plans approved	9
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	20
		Total	835

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

OCTOBER 22, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 43

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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The Hearing Calendar.

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Minutes of Regular Meeting, October 15, 1935, at 2 P. M.

Correction.

Oil Burner Rules.

Specifications for Tank Trucks and Platform Trucks.

Reserve Calendar.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, October 21, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, October 28, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET

New Cases Filed Up to October 16, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
283-35-A.....	F.D.....	Transportation of fuel oil in trucks in New York City, Order No. 7638-LC.
282-35-BZ....	D.B.B.....	1159-1167 Utica avenue and 5002-5010 Clarendon road, southeast corner (Block 4771, Lots 1 and 78), Brooklyn, Applic. 11258-35.
281-35-BZ....	D.B.Bx....	2295 Grand Concourse, southwest corner of East 183rd street (Block 3163, Lot 22), The Bronx, Alt. 542-35.
280-35-BZ....	D.B.B.....	21 Quincey street, north side, 275 ft. 11 in. west of Classon avenue (Block 1969, Lot 66), Brooklyn, Applic. 7315-35.
279-35-BZ....	D.B.Q.....	79-41 Cooper (Central) avenue, north side, 56.15 ft. east of Graeme avenue (69th drive) (Block 2711, Lot 56), Middle Village, Queens, Decision 3970.
278-35-BZ....	D.B.B.....	333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block 1305, Lot 5), Brooklyn, Applic. 11990-35.
277-35-BZ....	D.B.Bx....	2171 Grand Concourse, west side, 180.75 ft. north of East 181st street (Block 3162, Lot 43), The Bronx, Decision.
276-35-BZ....	D.B.M....	1758-1770 Broadway and 224-338 West 57th street, southeast corner (Block 1028, Lot 47), Manhattan, Alt. 1441-35.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

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Wire Glass Rules (Amendment to Rule 505 of Industrial Code)....	Apr. 10, 1923—Vol. 8, No. 15

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CALL OF CLERK'S CALENDAR MONDAY, OCTOBER 21, 1935, AT 2 P. M.

Building Zone Cases.

196-35-BZ.

APPLICANT—Elizabeth Scheurer and Anna A. Scheurer, owners.

PREMISES—40-01 23rd drive, northeast corner of Steinway street (avenue); (Block No. 793, Lot No. 26), Astoria, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

197-35-BZ.

APPLICANT—Scacchetti and Siegel, for Clifford Concourse Corporation, owner.

PREMISES—960 Grand concourse and 180-188 East 164th street, southeast corner (Block No. 2461, Lot No. 58), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (stores).

232-35-BZ.

APPLICANT—Lawrence M. Rothman, for Wolf-Kahn Realty Corporation, lessee (25 years lease).

PREMISES—308-324 East Fordham road, southwest corner of Elm place (Block No. 3023, Lot No. 26), The Bronx.

APPLICATION, under section 7b of the building zone resolution,

TO PERMIT the erection and maintenance of an addition to an existing business building located within a business district, a part of the addition to extend into a residence district.

114-35-BZ.

APPLICANT—McLaughlin & Stern, for Martrese Corporation, owner.

PREMISES—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

499-31-BZ.

APPLICANT—Austin W. Magee, for Ernest Reiss, owner.

PREMISES—262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Queens.

APPLICATION, under section 7f of the building zone resolution (reopened April 30, 1935).

CALENDAR

TO PERMIT in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period).

OCTOBER 22, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 22, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 58-24-BZ—Application of Alfred H. Eccles, on behalf of Queensboro Improvement Company, owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline, so as to include a gasoline service station (in connection with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ); premises 76-19 Northern boulevard (Jackson avenue), northwest corner of 77th street (20th street); (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens.

CAL. NO. 228-35-BZ—Application, August 15, 1935, under section 21 of the building zone resolution, of Alfred H. Eccles, applicant, on behalf of Charles H. Ely, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 76-13 to 76-15 Northern boulevard, north side, 50 ft. west of 77th street (Block No. 1172, Lot No. 45), Jackson Heights, Borough of Queens.

CAL. NO. 825-27-BZ—Application of Alfred Taffett, on behalf of Richard Morrison, owner, reopened June 18, 1935, under section 21 of the building zone resolution, to permit in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles (previously denied for a gasoline service station); premises southeast corner of Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), The Bronx.

CAL. NO. 155-35-BZ—Application, June 17, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Louise Alma Kaufman, owner, to permit in a residence district the erection and maintenance of a business building (stores); premises 3215 Grand Concourse, southwest corner of East Van Cortlandt avenue (Block No. 3311, Lot No. 53), The Bronx.

CAL. NO. 117-35-BZ—Application, May 8, 1935, under section 21 of the building zone resolution, of William J. Wilson, applicant, on behalf of Rose Bozzi, owner, to permit

in a business district the erection and maintenance of a gasoline service station; premises 122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

CAL. NO. 328-34-BZ—Application of Henry Nordheim and Saul S. Meyers, applicants, on behalf of Max Mirowitz, owner, reopened May 28, 1935, under section 21 of the building zone resolution, to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles (previously withdrawn); premises 1449 Vyse avenue, west side, 100 ft. south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 22, 1935, 2 P. M.

Appeals from Administrative Orders.

- 14-35-A—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.
- 261-35-A—6902-6912 Fourth avenue, southwest corner of Bay Ridge avenue (Block No. 5872, Lot No. 42), Brooklyn.
- 224-35-A—107 Greene street (Block No. 500, Lot No. 25), Manhattan.
- 272-35-A—151-20 Jamaica avenue, southwest corner of 152nd street (Block No. 1045, Lot No. 8), Jamaica, Borough of Queens.
- 285-35-A—120 Riverside Drive and 359 West 84th street, northeast corner (Block No. 1246, Lot No. 7), Manhattan.

Appliance Submitted for Approval.

274-35-SA—Econ-O-Matic Fuel Oil Burner, Model 41.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, October 22, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 152-35-BZ—Application, June 12, 1935, under section 21 of the building zone resolution, of John Adikes, applicant, on behalf of Jamaica Savings Bank, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

CAL. NO. 195-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of Bridget T. Delaney and Richard Delaney, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALENDAR

CALL OF CLERK'S CALENDAR MONDAY, OCTOBER 28, 1935, AT 2 P. M.

Building Zone Cases.

255-35-BZ.

APPLICANT—New York Railways Corporation, owner.
PREMISES—1552-1560 Lexington avenue, northwest corner East 109th street and 1301-1309 Park avenue ((Block No. 1627 (West), (south part of Lot No. 1), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district an alteration and conversion of a building used for housing street cars to a garage for more than five (5) motor vehicles.

272-30-BZ.

APPLICANT—Jacob A. Freedman, for Rubel Corporation, owner.

PREMISES—440-446 Utica avenue, 923-943 East New York avenue, northwest corner, and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened October 1, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station (remitted by Order of the Court, to the Board for hearing).

112-35-BZ.

APPLICANT—Philip Wolfson, for Giuseppa Genco, owner.

PREMISES—115-61 Merrick road, 172-01 116th avenue and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop.

OCTOBER 29, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 29, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 84-35-BZ—Application, March 29, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Dickel Construction Company, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 77-04 to 77-12 Jamaica avenue, south side, 20.03 ft. east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Borough of Queens.

CAL. NO. 4-34-BZ—Application of Samuel Rosenblum and Earl I. Gallant, applicants, on behalf of Josephine J. Schnurmacher, owner, reopened June 25, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn); premises 4025-4029 White Plains ave-

nue, west side, 168.51 ft. south of East 228th street (Block No. 4829, Lot No. 11), The Bronx.

CAL. NO. 127-35-BZ—Application, May 18, 1935, under section 21 of the building zone resolution, of Jacob J. Wollman and Casper P. Colla, applicants, on behalf of Joseph Angelone, owner, to permit in a business district the use of a plot of ground as a junk shop; premises 115-117 Truxton street, north side, 220 ft. east of Sackman street (Block No. 1544, Lot No. 45), Brooklyn.

CAL. NO. 168-35-BZ—Application, June 21, 1935, under section 21 of the building zone resolution, of Henry Lichtig, applicant, on behalf of Spoolan Realty Corporation, owner, to permit in a business district the alteration and change of occupancy of part of an existing building from stores to motor vehicle repair shop; premises 841-847 East 149th street, northeast corner of Union avenue (Block No. 2674, Lot Nos. 17, 18, 19 and 20), The Bronx.

CAL. NO. 194-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of William J. Carey, applicant, on behalf of William J. Carey and May E. Carey, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot No. 26), Rosedale, Borough of Queens.

CAL. NO. 96-35-BZ—Application, April 12, 1935, under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of The Elmcroft Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1301-1319 Castle Hill avenue and 2171-2181 Westchester avenue, northwest corner (Block No. 3935, Lot No. 1), The Bronx.

CAL. NO. 169-20-BZ—Application of William F. Regan, on behalf of Karl C. Hermon, owner, reopened June 25, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (in lieu of a garage for more than five (5) motor vehicles previously granted by the board); premises 1617-1627 Neptune avenue and 3127-3131 Cropsey avenue, northeast corner (Block No. 6995, Lot No. 1), Brooklyn.

CAL. NO. 594-29-BZ—Application of Benjamin Millstein, on behalf of Morey Motors, Inc., owner, reopened February 26, 1935, under new facts, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station

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(previously denied); premises 5812-5822 Bay parkway and 2177-2183 59th street, northwest corner (Block No. 5508, Lot No. 44), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 29, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, October 29, 1935, at 2 o'clock, in Room 1013, Municipal Building,* on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935, to change the application to permit an apartment house with stores on 1st story; premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 653-29-BZ—Application of Office of Henry T. Child, on behalf of Emma D. Gardiner, owner, reopened October 8, 1935, under section 21 of the building zone resolution, to permit in a business use district the erection and maintenance of a gasoline service station, 101.64 feet by 70.8 feet, on a plot on which the board granted a variation permitting the erection of a garage, 101.64 feet by 153.39 feet, for the storage of more than five (5) motor vehicles—the garage to be omitted; premises 6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 477-28-BZ—Application of Scacchetti and Siegel, on behalf of Cabin Holding Corpora-

tion, owner, reopened July 16, 1935, under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre; premises 2029 Grand concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

CAL. NO. 154-35-BZ—Application, June 15, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Assets Control Company, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, NOVEMBER 4, 1935, AT 2 P. M.

Building Zone Cases.

247-35-BZ.

APPLICANT—Scacchetti & Siegel, for Teresa Pisaniello, owner.

PREMISES—3007-3009 East Tremont avenue and 1491 Ericson place, northwest corner (Block No. 5381, Lot No. 38), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

35-34-BZ.

APPLICANT—Sidney L. Strauss, for Fannie Levy, owner.

PREMISES—625-631 West 176th street and 74 Wadsworth avenue, northwest corner (Block No. 2145, Lot No. 54), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened May 7, 1935),

TO PERMIT in a residence district the erection and maintenance of a building to be used as stores and also a motor vehicle repair shop.

254-35-BZ.

APPLICANT—Scacchetti & Siegel, for Winter Mead and R. Hawley Truax, as trustees of owner.

PREMISES—300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Manhattan.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the alteration and conversion of occupancy of a building now occupied as a garage for more than five (5) motor vehicles and stores to a garage for more than five (5) motor vehicles and a gasoline service station; garage previously granted by the board.

276-35-BZ.

APPLICANT—Frank S. Parker, for General Motors Corporation, owner.

CALENDAR

PREMISES—224-228 West 57th street and 1758-1770 Broadway, southeast corner (Block No. 1028, Lot No. 47), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing business building to a garage for more than five (5) motor vehicles.

NOVEMBER 6, 1935, 10 A. M. SPECIAL MEETING.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, November 6, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 198-35-BZ—Application, July 16, 1935, under sections 7b and 7c of the building zone resolution, of Abraham Farber, applicant, on behalf of Lena Cohen and Aaron Cohen, owners, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building to business use (store); premises 1314 41st street, south side, 85 ft. east of 13th avenue (Block No. 5594, Lot No. 10), Brooklyn.

CAL. NO. 203-35-BZ—Application, July 24, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Charles Kuegerl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 260-02 Hillside avenue, southeast corner of 260th street (Block No. 4536, Lot No. 33), Queens Village, Borough of Queens.

CAL. NO. 145-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Charles Ginsberg and Max Chesnoff, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

CAL. NO. 212-35-BZ—Application, August 5, 1935, under section 21 of the building zone resolution, of Thomas W. Lamb, Inc., applicant, on behalf of Edwin J. Long, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 6507 Fort Hamilton parkway, southeast corner of

65th street (Block No. 5750, Lot No. 42), Brooklyn.

CAL. NO. 218-35-BZ—Application, August 14, 1935, under section 21 of the building zone resolution, of William Shary, applicant, on behalf of G. & D. Realty Corporation, owner, to permit in a business district the alteration and change of occupancy of part of an existing business building so as to include a gasoline service station; premises 2368-2372 Jerome avenue and 2-6 East 184th street, southeast corner (Block No. 3187, Lot No. 25), The Bronx.

CAL. NO. 258-35-BZ—Application, September 25, 1935, under sections 7a, 7b and 21 of the building zone resolution, of Henry C. Brucker, applicant, on behalf of Octagon Laundry, Inc., owner, to permit the extension from a business district into a residence district of an existing wet wash laundry and the erection, partly in a business district and partly in a residence district, of a proposed garage for more than five (5) motor vehicles as an accessory to the laundry; premises 2120-2124 Menahan street (rear), south side, 185.96 ft. east of Grandview avenue (Block No. 3373, Lot No. 18), Ridgewood, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 13, 1935, 2 P. M. SPECIAL MEETING.

Appeal from Administrative Order.

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

NOVEMBER 19, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, November 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

NOTICE

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan at three cents each—postage to be added if the forms are forwarded by mail.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, OCTOBER 15, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

390-27-BZ.

APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (reopened March 26, 1935).

PREMISES AFFECTED—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: R. S. Hardy.

For Opposition: Charles Troessel, Louis D. Cohen and others.

ACTION OF BOARD—Laid over to November 19, 1935, at 10 a. m., upon request of applicant.

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

PREMISES AFFECTED—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPEARANCES—

For Applicant: Fred Hemly and Max Siegel.

For Opposition: Seymour Mork, Charles T. Rundershausen, Bernard Pragerson, Herman Sarno and Joseph L. Forscher.

ACTION OF BOARD—Laid over to October 29, 1935, at 2 p. m., for report of committee on inspection. No further argument.

131-35-BZ.

APPLICANT—Otto J. Sambach, for Elizabeth Fahy, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a Coal Pocket.

PREMISES AFFECTED—137 Lyman avenue, north side, 44.89 ft. east of Tompkins avenue (Block No. 3071, Lot No. 25), Fort Wadsworth, Richmond.

APPEARANCES—

For Applicant: Otto J. Sambach.

For Opposition: S. Samuel Di Falco and Anna Mattiola.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(131-35-BZ)

WHEREAS, Otto J. Sambach, for Elizabeth Fahy, owner,

filed May 23, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a coal pocket; premises: 137 Lyman avenue, north side, 44.89 ft. east of Tompkins avenue (Block No. 3071, Lot No. 25), Fort Wadsworth, Richmond; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Lyman avenue is in a business and residence district; that Tompkins avenue is in a business district; that Garfield avenue is in a business district, and that Fingerboard road is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 8, 1935, re App. No. 253-1935, reads:

"Application No. 253-1935, filed by you for alteration coal yard at 137 Lyman avenue, Fort Wadsworth, S. I., is hereby disapproved for the reason that it is contrary to the zoning resolution to erect a coal pocket in a business district.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 180 feet and a depth of 270 feet; it is proposed to erect upon the rear portion of the plot three reinforced concrete coal pockets (silo type) having a total capacity of 800 tons; proposes, also to erect a track hopper and also a conveyor to the pockets; and

WHEREAS, it appears that the plot has been occupied as a coal yard since prior to 1916 and that the coal is stored on the ground; that

WHEREAS, the board deems that the applicant is entitled to a variation of the building zone resolution under section 21 thereof.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted, permitting the erection of the concrete coal silos as indicated on plans filed with this application, on condition, that such silos shall not be erected nearer than 150 feet from Lyman avenue and that piling of coal in the open on the premises shall be discontinued upon the completion of the silos.

132-35-BZ.

APPLICANT—Otto J. Sambach, for Bessie Klarberg, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the alteration of an existing frame business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use.

PREMISES AFFECTED—130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Queens.

APPEARANCES—

For Applicant: Otto J. Sambach, Nathan Klarberg.

For Opposition: J. P. Lonergan, S. Gaughran, Thomas V. Burke, Marie Anselno, Frank Marsh, A. O'Keeffe.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(132-35-BZ)

WHEREAS, Otto J. Sambach, for Bessie Klarberg, owner,

MINUTES

filed May 23, 1935, an application under the building zone resolution to permit in a residence district the alteration of an existing frame business building by the substitution of a brick structure for a portion of the present frame structure and to continue the business use; premises: 130-04 97th avenue, southeast corner of 130th street (Block No. 508, Lot No. 1), Richmond Hill, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 97th avenue is a residence use and D area; 130th street is a residence use and D area, and 101st avenue is a business use and D area; and

WHEREAS, the decision of the commissioner of buildings, rendered May 7, 1935, re Application No. 2829-35, reads:

"The demolition of a building housing a prohibited use in a residence district is an abandonment of the use.

The construction of a new building is therefore the creation of a prohibited use—i.e., a warehouse in a residence district is contrary to Art. 2, Section 3, of Building Zone Resolution." Not further examined;

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on 97th avenue and 100 ft. on 130th street. On the northwest central part of the plot there is a 2-story frame dwelling; along the east and south lot lines there are located one-story frame structures, 26 ft. and 20.6 ft. wide. The north building is occupied as garages; the west building (facing on 130th street) is used for storage of hay and feed; these two sections are to remain. It is proposed to demolish the central portion, a frame structure, "L" shaped 70.4 ft. by 20.6 ft. in area and now occupied for the storage of hay and feed and to replace it with a brick building of same height and area and to use it for storage of hay and feed; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board; verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, the board deems that the applicant did not substantiate his basis of appeal under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

176-35-BZ.

APPLICANT—T. Tasso Fischer, for The Bronx Savings Bank, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx.

APPEARANCES—

For Applicant: Joseph D. Kingsley and William I. Brown.

For Opposition: Bernard Cohen and Benjamin Wohl.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(176-35-BZ)

WHEREAS, T. Tasso Fischer, for The Bronx Savings Bank, owner, filed June 26, 1935, an application under the

building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 1236 Prospect avenue, southeast corner of Home street (Block No. 2693, Lot No. 29), The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Prospect avenue is in a business district; that Home street is in a business district; and that Stebbins avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 29, 1935, re N. B. App. No. 54-1935, reads:

"1. Proposed gasoline service station in a business district is contrary to the provisions of the building zone resolution";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 84.5 feet on Prospect avenue and 102.9 feet on Home street, upon which it is proposed to demolish the existing one-story business building and to erect a one-story office 15 feet by 18 feet in area, grease pits and the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises were inspected by a committee of the board and the chairman reported verbally in behalf of the committee that conditions were found substantially as described by the applicant; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted*, subject to such conditions as the board may determine after complete plans have been submitted *on condition* that complete working drawings shall be submitted within ninety days.

344-33-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Parkville Amusement Corp., owner.

SUBJECT—Application reopened July 16, 1935, to permit the amendment to the resolution of February 23, 1934, as to the conditions imposed therein—re Application (decision of the commissioner of buildings) under sections 7a, 7c and 21 of the building zone resolution, granted permitting in a residence district the erection and maintenance of a recreation centre.

PREMISES AFFECTED—1048-1072 Ocean parkway, west side, 380 ft. south of Avenue J (Block No. 5495, Lot Nos. 870 and 872), Brooklyn.

APPEARANCES—

For Applicant: Leopold A. Halperin, Andrew Viola, Henry Hoefling and Philip J. Dunn.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(344-33-BZ)

WHEREAS, this application affecting premises 1048-1072 Ocean parkway, west side, 380 ft. south of Avenue J (Block No. 5495, Lot Nos. 870 and 872), Borough of Brooklyn, was granted by the board February 23, 1934, on certain conditions and owner, through his attorneys, requested a reopening of the application and an amendment of the resolution as to the type of refreshments served; and

WHEREAS, this application was reopened by vote of the board July 16, 1935; and

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WHEREAS, a public hearing was held on this reopened application by the Board of Standards and Appeals, at its regular meeting, October 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Ocean parkway is in a residence district; Avenue K is in a residence district; Avenue J is in a residence district and East 5th street is in a residence district; and

WHEREAS, the premises consists of a plot of ground having a frontage of 221 ft. on Ocean parkway and 160 ft. on East 5th street upon which has been erected a two-story and attic brick structure approximately 84 ft. by 100 ft. irregular in area; the premises being occupied as a club house and recreation centre with tennis court, etc., and with sale of certain refreshments as limited by the resolution of the board February 23, 1934; and

WHEREAS, the board deemed that applicant had substantiated his request for an amendment of the resolution.

Resolved, that the resolution adopted by the board on February 23, 1934, be and it hereby is *amended*, only so far as it has reference to that portion of the resolution referring to refreshments sold on the premises, so that as amended the resolution will read:

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under sections 7(a) and 7(c) *on condition* that the site, with a frontage of 221 ft. on Ocean parkway and 160 ft. on East 5th street, shall continue to be used as at present as a public recreation centre with outdoor tennis courts and ice skating; that along the entire property,

on the interior lot lines and on East 5th street and for a portion along Ocean parkway, except in front of the building, there shall be constructed and maintained a substantial woven wire fence with no exits or entrances therein except a service entrance to East 5th street; that the existing one-story frame structure may be demolished and that there may be erected in its place a two-story brick structure of the area and design as indicated on the plans filed with this application, marked "received November 10, 1933"; that this building shall conform to the zoning resolution as to height and area; that the uses to which this building shall be put shall be solely for recreational games, locker rooms, toilets, lounge and ice cream parlor, as indicated on the plans filed with this application; that refreshments sold on the premises shall be limited to soda, candy, ice cream and light food refreshments and beverages, provided such refreshments and beverages are furnished only to regular patrons and members and not to transients and that no alcoholic beverages shall be served other than beer or light wines; that there shall be no exterior second story porches; that there shall be no signs exhibited on the property except one permanent non-illuminated sign attached to the building near the front entrance, this sign not to exceed 2 feet by 5 feet in area; that charges may be made for the use of tennis courts, ice skating and for the use of the facilities and rooms within the building; that the building shall be constructed of brick with floors and roofing of incombustible materials and complying throughout with the building code and all other laws applicable to the construction of a place of public assembly.

Adjourned, 1:05 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING.

TUESDAY AFTERNOON, OCTOBER 15, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, October 8, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, October 8, 1935, were approved as printed in Bulletin No. 42, Volume XX.

BUILDING ZONE CASES.

154-35-BZ.

APPLICANT—Samuels and Samuels, for Assets Control Company, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: None.

ACTION OF BOARD—Laid over to October 29, 1935, at 2 p. m., for report of committee on inspection. No further argument.

258-35-BZ.

APPLICANT—Henry C. Brucker, for Octagon Laundry, Inc., owner.

SUBJECT—Request for preferential hearing—re Application (decision of the commissioner of buildings) under sections 7a, 7b and 21 of the building zone resolution, to permit the extension, from a business district into a residence district, of an existing wet wash laundry and the erection, partly in a business district and partly in a residence district, of a proposed garage for more than five (5) motor vehicles as an accessory to the laundry.

PREMISES AFFECTED—2120-2124 Menahan street (rear) south side, 185.96 ft. east of Grandview avenue (Block No. 3373, Lot No. 18), Ridgewood, Borough of Queens.

APPEARANCES—

For Applicant: Henry C. Brucker, William Eisenhardt.

ACTION OF BOARD—Preferential hearing granted, calendar call waived and set for hearing, November 6, 1935, at 10 a. m. Applicant to notify affected property owners, by registered mail, on or before October 24, 1935.

THE VOTE TO GRANT PREFERENTIAL HEARING—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

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352-32-BZ.

APPLICANT—Max Goldman, owner.

SUBJECT—Request for reopening—amendment—re Application (decision of the commissioner of buildings), under sections 7f and 21 of the building zone resolution, permitting in a business district the maintenance of a gasoline service station for a temporary period.

PREMISES AFFECTED—3305-3311 Boston road and 1152 East 211th street, southwest corner (Block No. 4705, Lot Nos. 62-65), The Bronx.

APPEARANCES—

For Applicant: David S. Lang.

ACTION OF BOARD—Request to reopen denied.

THE VOTE TO REOPEN—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

101-35-BZ.

APPLICANT—Rose Rothenberg, for Maximilian Realty Co., Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under sections 7b and 21 of the building zone resolution, to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant).

PREMISES AFFECTED—659 West 179th street, north side, 98 ft. 5 in. east of Broadway (Block No. 2163, Lot No. 43), Manhattan.

APPEARANCES—

For Applicant: Rose Rothenberg.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(101-35-BZ)

WHEREAS, Rose Rothenberg, for Maximilian Realty Co., Inc., owner, filed April 16, 1935, an application under the building zone resolution to permit partly in a residence district and partly in a business district the maintenance of a business use (restaurant); premises: 659 West 179th street, north side, 98 ft. 5 in. east of Broadway (Block No. 2163, Lot No. 43), Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that West 179th street is in a residence and business district; that Broadway is in a business district, and that West 180th street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered April 1, 1935, re Zoning Violation Order No. 116-1934, reads:

"You are hereby notified that the building situated on the front of the lot on the north side of West 179th street commencing about 100 ft. from the northeast corner of Broadway and West 179th street, being a cellar and 3-story non-fireproof building, about 20 ft. front, 20 ft. rear, 50 ft. deep and 35 ft. in height, and occupied as a restaurant—2 families and known as Number 659 West 179th street, and located in a residence district in the Borough of Manhattan, in the

City of New York, does not conform to section 3 of the BUILDING ZONE RESOLUTION of the Board of Estimate and Apportionment adopted July 25, 1916, in the respect noted below:

"In that of occupying the 1st floor as restaurant (business) in a residence district where prohibited by law.

"You are hereby directed to discontinue said use, in compliance with the requirements of the Building Zone Resolution.";

and

WHEREAS, the building is of non-fireproof construction, 3 stories in height, with a frontage of 16 ft. 8 in. and a depth of 49 ft., to be occupied as a business use (restaurant) in the first story and with kitchen in cellar and dwellings above; and

WHEREAS, as it appears that the plot is divided by the use district boundary line; and

WHEREAS, this application was the subject of an inspection by a committee of the board report of which inspection was read at the hearing and which report follows:

REPORT OF COMMITTEE.

September 27, 1935.

Cal. No. 101-35-BZ.

Premises—659 West 179th street, north side, 98 ft. 5 in. east of Broadway, Manhattan.

This is an application for a zoning variation to permit a business use as a public restaurant in this building which is a three-story, one-family residence on a plot 16 ft. 8 in. in width. The zoning line crosses the plot diagonally, parallel to Broadway, so that a substantial part of the lot is within the business use area, although of the frontage on West 179th street, there is only 4 feet, the balance being in the residential use area.

A lease was entered into by the owner for a term of five years, permitting this building to be used as a restaurant and private residence and it has been so occupied for about two years. No application was made for a zoning variance until the present appeal, two violations having been placed against the premises for the illegal occupancy.

A Committee of the Board inspected the premises on September 26, and found the first floor used as a public restaurant, with a kitchen in the basement. A restaurant sign appears in the window. The front of the building has not been altered and, except for the sign, it appears as a private residence. It was claimed that there are numerous vacancies in the tenement houses, particularly the cold water tenements directly across the street. The committee could find only one vacancy. The tailor shop in the basement at No. 651 is there by right as the building was constructed prior to zoning. But this is being vacated by the tailor who said the fumes from the buses settle down into his quarters and made air conditions objectionable.

A tunnel is proposed under 179th street which now takes westbound traffic to the George Washington Bridge. If and when this is constructed, the traffic situation will presumably be greatly improved. Meanwhile the committee is of the opinion that because of this traffic which unquestionably interferes with using this building for residential purposes and also because the plot has a substantial area in the business district, that the application should be granted under section 7B for a period of five years. At the end of that time, the conditions may be improved, and, if not, the owners should apply to the Board of Estimate and Apportionment for a rezoning of this block. A post office building is now being constructed on the southwest corner of West 179th street and Wadsworth avenue, which is a business use, but the city has no control as it is a Federal building. There should be no front alterations

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permitted, and the restaurant use should be confined to the first floor with basement kitchen, and sign should be limited in size and shown in the window only, and no music should be permitted.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE
CHARLES M. BLUM,
Committee of Inspection

and

WHEREAS, this report recommended that the application be granted on certain conditions and the board deemed that applicant had not substantiated her basis of appeal, under section 21, but that the application should be granted for a temporary period under section 7B.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 7-b for a period of five years, permitting the building under appeal to be used for a public restaurant as to the first floor and basement, *on condition* that the balance of the building shall be used for zoned purposes and that the building shall not be increased in height or area; that the front of building shall not be altered; that the only sign advertising the restaurant use shall be a non-illuminated sign in the window, not over 1 ft. by 1 ft. 6 in.; and that there shall be no musical instruments played in the restaurant.

1192-23-BZ.

APPLICANT—Edward Dorf, for Memorial Realty and Garage Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, reopened September 24, 1935, for amendment, to permit in a business use district the change of occupancy from a garage for more than five (5) motor vehicles (permission to erect which was granted by the board) to a garage for more than five (5) motor vehicles, salesroom and repair shop.

PREMISES AFFECTED—1864-1876 Coney Island avenue, west side, 200 ft. 5¼ in. south of Avenue O (Block No. 6617, Lot No. 17), Brooklyn.

APPEARANCES—

For Applicant: Edward Dorf

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(1192-23-BZ)

WHEREAS, this application affecting premises 1864-1876 Coney Island avenue, west side, 200 ft. 5¼ in. south of Avenue O (Block No. 6617, Lot No. 17), Borough of Brooklyn, was granted by the board January 15, 1924, on certain conditions and Edward Dorf, for Memorial Realty and Garage Corp., present owners, requested a reopening of the application and an amendment of the resolution to permit the change of occupancy to include a salesroom and motor vehicle repair shop; and

WHEREAS, this application was reopened September 24, 1935, by vote of the board; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting, October 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the building is of non-fireproof construction, one story in height, 118 ft. 3¾ in. by 100 ft. in area, occu-

pied as a garage for more than five motor vehicles; it is proposed to occupy the building as a service station for automobiles; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application for amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on January 15, 1924, by adding thereto the following paragraph:

"That in the event that the owner desires to substitute for the garage use herein permitted an automobile service station for the storage and sale of automobiles exclusively for the use of the Oldsmobile Agency, that such use may be permitted in place of the garage use, *on condition* that the resolution adopted by the board on January 15, 1924, shall be complied with in all other respects."

118-31-BZ.

APPLICANT—Conroy and Hardy for Joseph Zorn, owner.

SUBJECT—Application (re decision of the commissioner of buildings) reopened March 5, 1935, under section 21 of the building zone resolution, to permit the amendment of resolution as to advertising signs and as to vehicular entrances to gasoline service station located in a business district, which was previously granted by the board.

PREMISES AFFECTED—2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

For Opposition: Louis J. Wacke.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(118-31-BZ)

WHEREAS, this application affecting premises 2576 86th street and 2050-2062 Stillwell avenue, southwest corner (Block No. 6869, Lot No. 41), Borough of Brooklyn, was granted by the board June 9, 1931, on certain conditions amended July 19, 1932, and applicant requests a further amendment of the resolution; and

WHEREAS, this application was reopened by vote of the board March 5, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the board deemed that applicant had substantiated his request for amendment of the resolution, a committee of the board having inspected these premises on October 10, 1935.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on June 9, 1931, as amended July 19, 1932, so that as amended the resolution shall read:

"*Granted on condition* that all gasoline pumps shall be set back at least 10 ft. from the building line and that any accessory use to the conduct of the gasoline station shall be housed in masonry structure of similar design as offices erected on premises, not more than one story in height; that along the easterly and northerly lot lines shall be erected a masonry wall not less than, approximately, 10 ft. in height, faced on the inside with white enamel brick, panel design, said wall ter-

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minating at any point not more than 10 ft. back of building line; that any entrance to accessory uses permitted on the premises shall be through Stillwell avenue frontage of property, and with not more than one entrance from 26th avenue; that such entrances and curb cuts shall not exceed the widths of those now existing; that the present entrance to auto laundry on 26th avenue shall be bricked up and faced with face brick, unpierced except for windows, the sills of which are to be not less than 5 ft. above sidewalk level, permitting, however, the existing laundry entrance through the corner of building; that there shall be erected along the 26th avenue street building line a reinforced concrete curb not less than 12 in. in width and 12 in. in height for a distance of not less than 35 ft. from the southerly lot line; that all advertising signs shall be limited to the illuminated gasoline pumps and to a permanent flat sign erected against the front of the building and to not over two (2) post standards erected within the building line on Stillwell avenue to carry illuminated signs advertising only the brand of gasoline on sale and permitting such signs to extend beyond the building line for a distance not more than 8 ft. and at a height not less than 10 ft. above sidewalk level; and that all permits shall be obtained within sixty days and all work shall be completed within six months from the date of this amended resolution."

138-35-BZ.

APPLICANT—Samuel Rosenblum for Downy Properties Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—247-13 to 247-27 Northern boulevard, north side, 50 ft. west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens.

APPEARANCES—

For Applicant: Samuel Rosenblum.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(138-35-BZ)

WHEREAS, Samuel Rosenblum, for Downy Properties, Inc., owner, filed May 28, 1935, an application under the building zone resolution to permit partly in a residence district and partly in a business district the erection and maintenance of a gasoline service station; premises: 247-13 to 247-27 Northern boulevard north side, 50 ft. west of 248th street (Block No. 3976, part of Lot No. 39), Little Neck, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 15, 1935 after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Northern boulevard is in a business district; Snell avenue is in a residence and business district; 248th street is in a residence and business district; and that 247th street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 15, 1935, re App. No. 1554-35, reads:

"The Zone Law prohibits the erection of a gasoline service station on a lot located in a business and residence district (Art. II, Sec. 3, and Sec. 4, Sub. 46. Building Zone Resolution).";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 170 ft. 4 in. and a maximum depth of 129 ft. 6 in.; a small area at the northwest corner of the plot is in the residence district and the remainder is in the business district. Proposes to erect on the plot a one-story office, greasing and car washing structure 60 ft. by 24 ft. in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE

Cal. No. 138-35-BZ.

Premises—247-13 to 247-27 Northern boulevard, north side, between 247th and 248th streets (Block No. 3976, part of Lot No. 39), Little Neck, Queens.

This application is for a zoning variance under section 21, to permit a gasoline station to be constructed on a part of Lot No. 39 with a frontage of 170 ft. The frontage along Northern boulevard in this area is zoned for business uses for the usual depth of 100 ft. with residential zones in the rear. The streets leading into Northern boulevard are well built up and the entire area is as found by the committee when inspecting the adjoining plot, for which a gasoline station variance was sought by these same owners under Calendar No. 545-32-BZ, a "good residential development." The board denied that application, finding that no hardship existed to interfere with a conforming development. That was on the adjoining corner to the west. The committee finds no hardship here in this new application. Whatever hardship is claimed is due to carrying land vacant awaiting development to justify construction. That type of financial hardship is not hardship within the meaning of the zoning resolution. Such conditions exist in many areas. Owners of adjacent properties in this area are similarly situated. There is an element of speculation in the holding of vacant frontage such as this against the time when real demand arrives. Open frontages ought to be taken care of just as much as built up frontages by an observance of the mapped uses. If the mapped uses are not right, the Board of Estimate ought to change them. In this case, it is the opinion of the committee that a rezoning to residential use would be proper.

In view of the decision of the board as to the adjoining plot and after reinspection and finding that there is nothing unique in the plot that has been carved out of a larger plot to justify the variation and that no zoning hardship exists, the committee finds that the general welfare would not be secured by permitting this variation. Denial is recommended.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application and the board deemed that the applicant had failed to substantiate the basis of his application under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is affirmed and that the application be and it hereby is denied.

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535-32-BZ.

APPLICANT—William Shary, for W. Parsons Todd, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for an additional period of two (2) years—previously granted by the board for a temporary period (reopened June 4, 1935).

PREMISES AFFECTED—2300-2310 Boston road and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), The Bronx.

APPEARANCES—

For Applicant: Frederick R. Ryan.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(535-32-BZ)

WHEREAS, this application affecting premises 2300-2310 Boston road, and 701-709 Astor avenue, northeast corner (Block No. 4346, Lot No. 5), Borough of The Bronx, was granted by the board for a temporary period of two years under section 7, subdivision F, June 9, 1933, and the owner, W. Parsons Todd, through his attorney Frederick R. Ryan, requested a reopening of the application and an amendment of the resolution for a further extension of the period of time; and

WHEREAS, this application was reopened by vote of the board June 4, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Astor avenue is in a business district; Boston road is in a business district; Cruger avenue is in a business and residence district; and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 103 ft. on Astor avenue and 109.5 ft. on Boston road, occupied as a gasoline service station (previously granted by the board); and

WHEREAS, the premises in question was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE

Cal. No. 535-32-BZ.

Premises—2300-2310 Boston road, northeast corner Astor avenue, The Bronx.

The existing gasoline station was permitted by the board on June 9, 1933, under section 7, subdivision F. Previously the zoning variance was denied under section 21, although the report of committee recommended denial under both sections 21 and 7 F. The plot was then being used for a lunch wagon and for a contractor's office which buildings were later moved to adjoining lots under the same ownership as this plot under appeal. The board determined that no hardship was shown to permit discretion to be used to grant under section 21. Upon Court Review, Mr. Justice Hammer remitted the matter to the board for further proof, if any, under section 7 F. In view of this reference and because of the finding of the board on June 9, 1933, as to the undeveloped condition of the immediate surroundings in connection with the gasoline station permitted across the way, on the southeast corner of Astor

avenue under Calendar No. 331-32-BZ, a zoning variance was made under section 7 F, for two years, imposing a similar condition as in the case of the southeast corner that no further extension should be granted. This application is now for a further extension of two years, under section 7, subdivision F.

The board as at present constituted does not consider that an area such as this can be classified as an "undeveloped section" within the meaning of section 7, subdivision F. The committee is of the opinion that since this is a continuing board, unless development has taken place, the finding of the then members in 1933 should control. Inspection by the committee showed that except for the lunch wagon and contractor's office and the erection of the gasoline station on the opposite corner of Astor avenue granted previously but not erected until later, no development in the immediate area has taken place.

Accordingly, the committee recommends that the application be granted for an additional term of two years under section 7, subdivision F, under such safeguarding conditions as seem desirable.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee.

and

WHEREAS, this report recommended the granting of this application for a period of two years under section 7, subdivision F and the board deemed that applicant had not substantiated the basis of his application under section 21, but that the variation be granted for a period of two years under section 7, subdivision F of the building zone resolution, under such restrictions as the board sees fit to impose.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 7, subdivision F thereof, for a period of two years from the date of this action, *on condition* that all gasoline pumps shall be set back not less than 10 ft. from the building lines of Astor avenue and Boston road; that there shall be but two driveway entrances to the station, both from Boston road and that opposite these entrances cuts in the curb shall not exceed 25 ft. in width; that there shall be no entrance nearer than 10 ft. to the intersection formed by Astor avenue and Boston road; that there shall be no entrance to the station from Astor avenue; that the entire area of the plot shall be covered with cement or bluestone; that all uses accessory to the gasoline station business shall be housed in one-story structures; that if grease pits are installed they shall be similarly housed in a one-story structure with open front; that advertising signs shall be limited to the illuminated globes of the gasoline pumps and to permanent flat signs placed against the front walls of accessory buildings; that there shall be no portable gasoline pumps used on or from the property; that no automobile repairing shall be permitted on the property; that no automobile storage shall be permitted on the property, except parking of cars being serviced; that there shall be erected on the interior lot lines a fence of wood or woven wire, not less than five (5) feet in height; that all permits required shall be obtained within three months and all work completed within six months from the date of this action.

331-32-BZ.

APPLICANT—Nordlinger, Riegelman and Cooper, for Elljane Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7f and 21 of the building zone resolution, to permit in a business district the maintenance of a gasoline service station—previously granted for a temporary period (reopened June 4, 1935).

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PREMISES AFFECTED—Southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), The Bronx.

APPEARANCES—

For Applicant: L. A. Halperin.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(331-32-BZ)

WHEREAS, this application affecting premises southeast corner of Boston road and Astor avenue (Block No. 4343, Lot No. 30), Borough of The Bronx, was granted by the board September 23, 1932, for a temporary period of two years on certain conditions under section 7, subdivision F, time extended to June 9, 1935, at the meeting of December 12, 1933, and the Elljane Holding Corp., owner, through their attorneys, Nordinger, Reigelman & Cooper, requested a reopening of the application and an amendment of the resolution; and

WHEREAS, this application was reopened by vote of the board June 4, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 15, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Astor avenue is in a business and residence district; that Boston road is in a business district; White Plains road is in a business district; and Cruger avenue is in a residence and business district; and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 97 ft. on Astor avenue and 103.8 ft. on Boston road, occupied as a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE.

Cal. No. 331-32-BZ.

Premises—Southeast corner Boston Post road and Astor avenue, The Bronx.

These premises are now occupied by a gasoline station under a temporary zoning variance granted by this board on September 23, 1932, under section 7F. The plot is at the southeast corner, located in an area zoned for business uses, to the rear of which is a residential area. Originally brought under both sections 21 and 7F, the application under section 21 was withdrawn, and the board adopted the report of the committee of inspection which found that "due to the undeveloped condition of the properties surrounding the premises under appeal, which undeveloped conditions as noted extend for a great distance in all directions, the committee is of the opinion that the application is substantiated under section 7, subdivision F, and recommends the granting of the temporary permit for two years."

In granting the application under section 7F, the board imposed the condition that upon expiration, no further extension should be granted. This was based on statements by the then applicant to the effect that a temporary permit was desired only for a few years so the owner could pay up back taxes and get some income until the premises could be used for a conforming use.

Under the new application, the owners now desire

that an extension of time be granted either under section 21 or under section 7F.

In the opinion of the committee, there is no justification for a grant under section 21. There is no hardship within the meaning of the zoning resolution as defined by the courts. In all directions apartment houses have been erected within distances of two or more blocks. The Boston Post road is a heavily trafficked highway. The subway passes the premises on an elevated structure with a station at Pelham parkway, one block to the south. There is nothing unique about this plot to make it impossible to construct a conforming use as others have done in the vicinity even though not in the immediate surrounding frontages. Astor avenue is zoned for business because it is the first through east and west street north of Pelham parkway and is destined to be an important business thoroughfare. Temporarily, because of undeveloped land immediately adjoining, the board in September, 1932, considered that section 7F applied and granted temporary relief because of it. The board as at present constituted does not consider that an area such as this can be classified as an undeveloped section "within the meaning of section 7, subdivision F," but, because this is a continuing board, the committee is of the opinion that unless development has taken place, the finding of the members in 1932 should control. Inspection shows that except for the gasoline station on the northeast corner of Astor avenue, granted also under section 7F in Calendar No. 535-32-BZ, because of the previous decision of the board in this present case, the conditions in the immediate vicinity are substantially the same as in September, 1932. Accordingly, the committee recommends that the application be denied as to section 21, since no hardship exists, but that the application be granted for a further term of two years under section 7, subdivision F, under such safeguarding conditions as seem desirable.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee.

and

WHEREAS, this report recommended that the variation be granted for a period of two years, under section 7, subdivision F of the building zone resolution, under such restrictions as the board may see fit to impose; and the board deemed that applicant had not substantiated the basis of his application under section 21, but that the application should be granted under section 7, subdivision F.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted*, under section 7, subdivision F thereof, for a period of two years from the date of this action, *on condition* that all gasoline pumps shall be set back not less than 10 ft from the street building lines of Astor avenue and Boston road; that there shall be but two entrances to the station, both from Boston road; that opposite these entrances the curb cuts shall be erected, not exceeding 25 ft. wide each; that there shall be no entrance or exits on Astor avenue; that all uses accessory to the conduct of the gasoline station business shall be housed in a one-story structure; that advertising signs shall be confined to the illuminated globes of the gasoline pumps; that there shall be erected on the interior lot lines an enclosing fence of wood or heavy woven wire not less than 5 ft. high; that no parking shall be permitted on the premises; that no automobile repairing shall be done on the premises; that no portable gasoline pumps shall be used on or from the property; that all permits shall be obtained within three months and all work completed within six months from the date of this action.

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296-33-BZ.

APPLICANT—Richmond Railways, Inc., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under sections 7a, 7g and 21 of the building zone resolution, permitting in a business district the erection and maintenance of a garage for more than five (5) motor vehicles and, also, a motor vehicle repair shop.

PREMISES AFFECTED—92 Brook street, south side, 180 ft. east of Jersey street (Block No. 34, Lot Nos. 12, 45, 52, 1 and 22), Tompkinsville, Borough of Richmond.

APPEARANCES—

For Applicant: S. H. Serena.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(296-33-BZ)

WHEREAS, this application affecting premises 92 Brook street, south side, 180 ft. east of Jersey street (Block No. 34, Lot Nos. 12, 45, 52, 1 and 22), Tompkinsville, Borough of Richmond; was granted by the board November 8, 1933, on certain conditions, time extended October 9, 1934, and applicant requested a further extension of time to complete the work.

Resolved, that the Board of Standards and Appeals does hereby *amend* the resolution adopted by the board on November 8, 1933, only so far as it relates to the completion of work, so that as amended this portion of the resolution will read:

"that in view of statement by applicant that all permits have been obtained and approximately one-half of the building has been completed and that as to this half the requirements of the board's resolution have been completed except as to the installation of the sprinkler system, which has not yet been installed, inasmuch as the completed half is not yet used for storage of buses, that all work shall be completed within one year from the date of this amended action and that other than as amended herein, the resolution adopted by the board on November 8, 1933, shall be complied with in all respects."

299-29-BZ.

APPLICANT—Thomas W. Golding, for Chestnut Studio, Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (superintendent of buildings), under sections 7c and 21 of the building zone resolution, permitting the extension, from a business and from an unrestricted district into a residence district, of a proposed business building.

PREMISES AFFECTED—1262-1286 (East 14th street, west side, block bounded by Chestnut avenue, East 13th street and Locust avenue (Block No. 6733, Lot Nos. 35, 38, 40, 46, 60, 61, 63, 64 and 65), Brooklyn.

APPEARANCES—

For Applicant—Thomas W. Golding.

ACTION OF BOARD—Application reopened, resolution amended and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE VOTE TO AMEND RESOLUTION AND EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Negative 0
Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(299-29-BZ)

WHEREAS, this application affecting premises 1262-1286 East 14th street, west side, block bounded by Chestnut avenue, East 13th street and Locust avenue (Block No. 6733, Lot Nos. 35, 38, 40, 46, 60, 61, 63, 64 and 65), Borough of Brooklyn, was granted by the board January 7, 1930, on certain conditions and present owner requested a reopening of the application and an extension of time to obtain permits and complete the work, a court action having been pending until February 1, 1935, and case was reopened and time extended September 10, 1935, and applicant requests an amendment of the resolution.

Resolved, that the resolution adopted by the board on September 10, 1935, be and it hereby is *amended*, so that as amended this resolution will read:

"That the resolution adopted by the board on January 7, 1930, be and it hereby is *amended* for the purpose of extending time for completion of the work in view of the court action that has been pending, which was dismissed on February 1, 1935, only so far as it relates to obtaining of permits and completion of the work and permitting the work to be constructed in two sections, as indicated on plans filed marked 'received October 15, 1935,' and that all permits shall be obtained within six months and that work involved in the section facing Locust avenue shall be completed within one year and the entire building completed within a year and a half from the date of this amended resolution."

APPEALS FROM ADMINISTRATIVE ORDERS.

261-35-A.

APPELLANT—Madeleine T. Flannery, owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—6902-6912 4th avenue, southwest corner Bay Ridge avenue (Block No. 5872, Lot No. 42), Borough of Brooklyn.

APPEARANCES—

For Appellant: Madeleine T. Flannery.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Laid over to October 22, 1935, at 2 p. m., for further inspection by fire department.

46-32-A.

APPELLANT—Frederick E. Goldsmith and Louis E. Felix, for 512 West 56th Street Corp., owner.

SUBJECT—Request for reopening—reconsideration re appeal from an order of the fire commissioner.

PREMISES AFFECTED—141-145 Wooster street (Block No. 515, Lot No. 31), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Request to reopen denied.

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THE VOTE TO REOPEN—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

200-35-A.

APPELLANT—Vincent J. Hand, for Hand and O'Leary, lessees.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—547 West 37th street (Block No. 709, Lot No. 13), Manhattan.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(200-35-A)

WHEREAS, Vincent J. Hand, for Hand & O'Leary, lessees, filed July 18, 1935, an appeal from an order and a decision of the fire commissioner affecting premises 547 West 37th street (Block No. 709, Lot No. 13), Borough of Manhattan; and

WHEREAS, the order and decision of the fire commissioner dated July 2, 1935, reads:

"Replying to your favor of June 20, 1935, and in response to the personal request made to our Inspector, we are forwarding this letter to advise you that the fire department will no longer rescind an order and re-issue it when the time limit to make an appeal has expired.

"However, we have been informed that the Board of Standards and Appeals will accept a letter from this department and for that purpose we are forwarding this communication, which will certify that order numbered 4411-LC was issued against your non-storage garage on October 23, 1934, and read as follows:

"1. Dwelling occupancy must be located immediately above the garage. Section 154, Chapter 10.

"2. Family must be that of applicant or his employee. Section 154, Chapter 10.";

and

WHEREAS, the building, erected in 1905, is non-fireproof, 3 stories in height, 25 ft. by 98 ft. 9 inches in area, OCCUPIED as a garage on the first story; 2nd story, office and storage, and 3rd story, partly occupied as a dwelling and the remainder of the floor vacant; and

WHEREAS, the appellant contends that the top floor has been occupied for the past 15 years by one family of four persons; that the man is employed at times by the lessee of the garage and is living light and rent free on the premises; and

WHEREAS, this appeal was the subject of an inspection by a committee of the board on September 26, 1935, at which inspection, conditions were found to be as described.

Resolved, that the Order of the Fire Commissioner No. 4411-LC, dated October 23, 1934, and decision of fire commissioner dated July 2, 1935, be and they hereby are *modified* and the appeal be and it hereby is *granted, on condition* that there shall at all times be maintained a stairway to the roof for easy access thereto and that a portable ladder and rope fire escape shall be kept on 3rd floor to permit exit to roof of adjacent building to the west; that the dwelling occupancy shall not be increased; that the use of

building shall not be changed and that the building shall not be increased in height or area.

210-35-A.

APPELLANT—Modell's Sporting Goods Co., lessee.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—243 West 42nd street (Block No. 1014, Lot No. 12), Manhattan.

APPEARANCES—

For Appellant: Harry Silverman.

For Administration: None.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum	3
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(210-35-A)

WHEREAS, Modell's Sporting Goods Co., lessee, filed August 2, 1935, an appeal from an order of the commissioner of buildings affecting premises 243 West 42nd street (Block No. 1014, Lot No. 12), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings dated July 29, 1935, Order No. 4067, reads:

"In that of maintaining an illuminated sign on front of building at first floor, said sign less than 10 ft. above the sidewalk.

"You are hereby directed to remove said illegal sign immediately.";

and

WHEREAS, the building is non-fireproof, 4 stories in height, 18 ft. 9 in. by 100 ft. 5 in. in area; OCCUPIED: 1st story, store; upper stories, offices, located within a retail district; and

WHEREAS, the applicant claims the illuminated sign on front of building at 1st story displaying the name "Modell's at the bottom is about 6 ft. by 1 ft. 9 inches high, set at right angles to the street wall, the bottom of which is 9 ft. 2 in. above the sidewalk level, the sign has been in its present position since December of 1932; due to a fixed marquee of glass and steel construction on front of the adjoining premises at the east it makes it impossible to raise the sign in question without being entirely concealed from the view of persons walking westward as shown on drawings filed herewith; furthermore, there is a store nearby conducting the same kind of business (sporting goods) which our customers enter in mistake, thinking they are in Modell's store; such condition causes a heavy loss of business to Modell's; if the sign in question is raised to a height of 10 ft. above the sidewalk the loss will be increased to a large volume of business; the applicant contends that under the conditions it would be a great hardship if compelled to comply with the order; and

WHEREAS, this appeal was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing, and which said report follows:

September 27, 1935.

REPORT OF COMMITTEE.

Cal. No. 210-35-A.

Premises—243 West 42nd street, Manhattan.

This is an application for a variation of chapter 23, article 16, section 215 of the code of ordinances, to permit the continuance of an illuminated sign at right angles to the building line, which sign the applicant states is 9 ft. 2 in. above the sidewalk. Section 215 requires that all illuminated signs whether independent or attached to an authorized marquee shall be 10 ft. in the clear above the sidewalk. It is claimed that a less distance should be permitted in this instance be-

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cause the marquis on the adjoining building next east blocks the view.

A committee of the board inspected this sign and others adjacent, on September 26, 1935, and found that the sign in question is actually 8 ft. 10 in. above the sidewalk instead of 9 ft. 2 in. as claimed. From appearances, an additional section has been added to the bottom of the sign installed under E. S. Application No. 2888, which was reported as complying with the requirements by the inspector on January 11, 1933. That application called for a sign 5 ft. 6 in. high and 7 ft. wide and 10 ft. above the sidewalk. Licenses issued by the city clerk for 1933, 4 and 5, cover this sign 5 ft. 6 in. by 7 ft. but not the additional section.

Nearby illuminated signs do not meet the requirements, as shown by measurements taken by the committee at the following addresses: 233, 237, 241, 246, 249 and 265 West 42nd street. These signs vary from 9 ft. above sidewalk to 9 ft. 10 in.—all are under 10 feet.

The regulation requiring 10 ft. above sidewalk is fair to all and it would be unfair to an adjoining owner to grant one owner a reduction in height.

In the opinion of the committee, this appeal should not be granted.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee.

and

WHEREAS, this report recommended the denial of this appeal and the board deemed that the applicant had not substantiated the basis of his appeal.

Resolved, that the Order of the Commissioner of Buildings No. 4067, dated July 29, 1935, be and it hereby is *affirmed*, and the appeal be and it hereby is *denied*.

256-35-A.

APPELLANT—George Greene, for Gold Seal Button Works, Inc., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—416-418 Marcy avenue, southwest corner of Walton street (Block No. 2244, Lot No. 36), Brooklyn.

APPEARANCES—

For Appellant: George Greene.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(256-35-A)

WHEREAS, George Greene, for Gold Seal Button Works, Inc., lessee, filed September 20, 1935, an appeal from an order of the fire commissioner affecting premises 416-418 Marcy avenue, southwest corner of Walton street (2244, Lot No. 36), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner, dated August 23, 1935, 66728-LC, reads:

"You are hereby notified that an inspection of the above premises used to store celluloid, shows that the following must be done before the permit requested by you can be issued:

"1. Forthwith remove all nitro-cellulose in the form of blocks, slabs, sheets, rods or other shapes to be used as raw material from the premises and discontinue the further storage of celluloid on premises pending compliance with the following.

"3. Provide jets of water where saws or cutting tools are used which are likely to heat the nitro-cellulose product to the firing point of friction or otherwise, so that same shall continuously play upon the point of contact (on 2nd and 3rd stories).";

and

WHEREAS, the building is non-fireproof, 3 stories in height, 40 ft. by 80 ft. in area; OCCUPIED: 1st story, sale of rags and burlap, 5 persons; 2nd and 3rd stories, manufacture of celluloid buttons, buckles and novelties, 50 persons each story; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1905, that it is of fireproof construction and has been used for the manufacture of celluloid novelties during the past 15 years; equipped with an approved sprinkler system; as to item 3, there is no definite point of contact which would ignite the nitro-cellulose; there is no friction which would cause the nitro-cellulose to ignite; the tool used in this machine is not a cutting tool but on the contrary it is a shaving tool; the applicant has always provided a water jet when operating with saws to cut nitro-cellulose products; the installation of a water jet in this case would ruin the entire machine, render the merchandise worthless; compliance with the order would work an unnecessary hardship upon the owner; and

WHEREAS, this appeal was the subject of an inspection by a committee of the board on October 10, 1935, verbal report of which inspection was made by the chairman on behalf of the committee and this report recommended that the appeal be granted under certain conditions.

Resolved, that the order of the Fire Commissioner No. 66728-LC, dated August 23, 1935, be and it hereby is *modified*, and the appeal be and it hereby is *granted on condition* that there shall be installed for the full length of the bench on which the cutting tools are operated for shaving celluloid, an additional sprinkler line placed not over 5 ft. above the bench with sprinkler heads to be spaced not over 6 ft. on centres; that in the event the present pipe sizes of sprinkler system are not adequate to permit the installation of this additional line, said additional line may be connected to house water system with proper sized piping; that the celluloid waste shall be removed continuously as made and placed in covered metal containers with water and entirely removed from the premises at least once a day; that other than as modified herein, all rules and laws relative to use and handling of celluloid shall be complied with; and the appeal is *granted only* so long as conditions set forth are maintained.

285-34-A.

APPELLANT—Samuel Oxhandler, for Department of Public Markets, Weights and Measures, City of New York, owner.

SUBJECT—Application for reopening—amendment—re Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Center of roadway—Park avenue, 111th street to 115th street (under Viaduct of New York Central Railroad), Manhattan.

APPEARANCES—

For Appellant: John Churchill.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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MINUTES

Negative 0
Absent 0

THE RESOLUTION—

(285-34-A)

WHEREAS, Samuel Oxhandler, for Department of Public Markets, Weights and Measures, City of New York, owner, filed October 9, 1934, an appeal from a decision of the commissioner of buildings, affecting premises Center of Roadway, Park avenue, 111th street to 115th street (under viaduct of New York Central R.R.), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, dated September 26, 1934 (N.B. App. No. 118-1934), reads:

"This amendment is disapproved with the following objections repeated:

"1. Metal buildings may not exceed 1250 sq. ft. in area nor 15 ft. in height, section 74, building code.' Reconsideration denied.

"2. State maximum number of people in each building.' Toilet facilities are inadequate.

"3. Provide standpipes as per section 581 building code and the rules of the fire prevention division of this department.' Reconsideration denied.

"4. File complete structural and architectural plans so that examination may be completed.' Note: A certificate of occupancy will be required."

and

WHEREAS, the premises consist of two similar buildings located beneath the New York Central Railroad elevated structure, in the roadway of Park avenue between East 111th street and East 115th street; each building is metal construction, one story (18 ft. 6 in.) in height, 453 ft. 3 in. by 49 ft. 3 in. (approximately 22,000 sq. ft.) in area; occupied as a municipal retail market; and

WHEREAS, appellant contends that the structures are to be built entirely of incombustible materials; proposes to enclose the elevated columns with brick and to protect the two structures in question with a standpipe system; and

WHEREAS, this appeal was granted by the board October 16, 1934, on certain conditions and appellant requested a reopening of the case and an amendment of the resolution in view of the fact that the streets which it was contemplated would be closed were to remain thoroughfares.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of October 16, 1934, only so far as it refers to the plans, so that as amended this portion of the resolution shall read:

Resolved, that the decision of the commissioner of buildings be and it hereby is *modified*, and that the appeal be and it hereby is *granted* as to N.B. App. No. 118-1934, Items 1 and 3 *on condition* that the metal buildings shall be constructed substantially in accordance with the plans filed *marked received October 5, 1935*; that there shall be no roof openings in these buildings; that there shall be installed in these buildings in lieu of the requirements of the Standpipe Fire-Line Rules of the Board of Standards and Appeals, a standpipe system of the type provided for in Rule 85 of the Standpipe Fire-Line Rules of the Board of Standards and Appeals, waiving the requirements for fire pump or gravity tank; that the toilet facilities shall be adequate in the opinion of the commissioner of buildings; that all other requirements of the Code of Ordinances and laws applicable thereto shall be complied with, other than as modified herein; that this modification shall in no way be deemed as permitting the construction of these buildings across existing streets, until such times as the closing of such streets is duly approved by the proper authorities; that the columns supporting the elevated structure of the New York Central and Hudson River Railroad within the blocks within which these buildings are to be erected shall be protected for their full height with fireproof material consisting of

not less than 8 in. of brick laid in cement mortar or 4 inches of reinforced concrete; that this modification shall apply only as long as these buildings are occupied as public markets and under the supervision of the Department of Markets, Weights and Measures.

VARIATION OF LABOR LAW.

456-24-S.

APPLICANT—Samuel Rosenblum, for Estate of Daniel J. Faour, owner.

SUBJECT—Application for reopening—amendment—re Variation of the labor law as cited in an order of the commissioner of buildings.

PREMISES AFFECTED—102-104 Greenwich street (Block No. 53, Lot No. 37), Manhattan.

APPEARANCES—

For Applicant: Samuel Rosenblum.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(456-24-S)

WHEREAS, this application affecting premises 102-104 Greenwich street (Block No. 53, Lot No. 37), Borough of Manhattan, was granted by the board June 3, 1924, on certain conditions; and

WHEREAS, it appears that conditions have changed in these premises, an extension having been erected on the rear of the first story; and

WHEREAS, the applicant requested a reopening of the case and an amendment of the resolution to meet these new conditions.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of June 3, 1924, by adding thereto the following:

"That in the event that the means of egress from the rear fire escape through the adjoining property is no longer available, the sub-standard fire escape shall be either entirely removed or if maintained shall be made to comply with the sub-standard fire escape rules; that whether the rear fire escape is removed or is made to comply with sub-standard fire escape rules, the occupancy of forty-five (45) persons above the second floor shall be permitted, on condition that the building shall comply in all other respects to the resolution adopted by the board on June 3, 1924."

APPLIANCES SUBMITTED FOR APPROVAL.

265-35-SA.

APPLICANT—French Rotary Oil Burner Co., owner.

SUBJECT—French Automatic Oil Burner, Model 5 De Luxe, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of the board and bureau of combustibles, for test and report.

266-35-SA.

APPLICANT—A. J. Lindemann & Hoverson Co., owner; J. H. McKenna, agent.

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SUBJECT—Kerogas Bowl Type Oil Space Heater, Models 300, 305, 310, 315 and 320, approval of

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of the board and bureau of combustibles, for test and report.

269-35-SA.

APPLICANT—L. H. Dunbar, for Kraemer & Meyer, owners.

SUBJECT—Kamy Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of the board and bureau of combustibles, for test and report.

491-31-SA.

APPLICANT—Perfection Stove Company, owner.

SUBJECT—Superfex Heat Projector—Model No. 1051—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(491-31-SA)

WHEREAS, the Perfection Stove Co., owner, filed October 6, 1931, an application with the Board of Standards and Appeals, for approval of their device, known as the Superfex Oil Burning Heater; and

WHEREAS, this device was approved by the board July 8, 1932, under the Rule 22 of the Fuel Oil Rules then in force; and

WHEREAS, the applicant requested an amendment of the resolution so that the approval of the burner would be effective under the Oil Burner Rules adopted June 15, 1934; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, recommended the amendment of the resolution, provided certain recommendations were incorporated in the resolution; and

WHEREAS, the applicant requested a further amendment of the resolution to include the Model No. 1051, known as the Superfex Heat Projector; and

WHEREAS, this model was also submitted to the engineer of the board and the bureau of combustibles of the fire department and a similar report filed with the board.

Resolved, that the Board of Standards and Appeals hereby amends its resolution of July 8, 1932, and approves the devices known as the Superfex Oil Burning Heater and the Superfex Heat Projector, Model No. 1051, for use in domestic, commercial and industrial installations, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

"1—That the instruction card furnished with this burner to all users shall contain the following:

NOTICE

Approved by the Board of Standards and Appeals under Cal. No. 491-31-SA

For Use in New York City.

Only an Approved Safety Can Shall Be Used In Filling This Storage Container.

"2—The storage container shall bear a label permanently affixed, reading as above.

"3—Floor beneath the oil burning device shall be protected by a shield of ½ in. asbestos or other equivalent material, extending at least 12 inches beyond the outline of heating device.

"4—Only approved safety cans shall be used for the storage and filling of oil containers.

"5—This burner shall be connected to a legal chimney, complying with the requirements of Section 403 of Chapter V of the Code of Ordinances; said chimney to have a readily accessible cleanout door; the flue connection to the chimney shall be equipped with automatic damper.

"6—The fuel oil used in this device shall be range oil or No. 1 or No. 2 fuel oil.

"7—The manufacturer or installer of this burner shall within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.

234-34-SA.

APPLICANT—Bland Range Oil Burner Co., Inc., owner.

SUBJECT—Bland Range Oil Burner—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(234-34-SA)

WHEREAS, Bland Range Oil Burner Co., Inc., owners, filed August 13, 1934, an application with the Board of Standards and Appeals, for approval of the device known as the Bland Range Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner was installed for test purposes in an ordinary kitchen type range used for heating and cooking purposes. The burner is made of cast iron, having two concentric pairs of rings; mounted upon these rings are four cylindrical shells made of perforated chromium steel, having a chromium content of 18 to 20 per cent. The outside diameters of the shells are 6⅝ inches. The carbon leg and inlet port are located in the center of the casting. Each burner base is mounted upon an individual pedestal, having two levelling screws and a bolt for fastening same to the ash pit of the range. A pressed steel cover fits tightly over the top of the shells.

The oil supply is from a 2-gallon glass bottle equipped with a metal jacket having two handles. The oil reservoir into which the bottle sets is made of pressed steel and mounted upon a substantial iron pedestal which may be securely fastened to the floor. The flow of oil to the burner is controlled by a V slot type metering valve manufactured by the Bland Range Oil Burner. The pedestal is also equipped with a rod and clamp which prevents the bottle from falling or being knocked from the reservoir.

The operating principles involved in this burner were tested and all the mechanism found to function as designed.

MINUTES

There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain recommendations be carried out in their installation and incorporated on their instruction card, and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Bland Range Oil Burner, for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.

6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Only approved safety cans shall be used for the storage and filling of oil containers.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least ½ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 234-34-SA.

Only An Approved Safety Can Shall Be Used In
Filling This Storage Container.

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner, shall, within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

Adjourned, 4:10 p. m.

EDWARD V. BARTON, Chief Clerk.

* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, September 17, 1935, as they appeared in the Bulletin No. 39, Vol. XX, are hereby corrected to read as follows:

326-34-BZ.

APPLICANT—Weisbrod and Froeb, for The Lincoln Savings Bank of Brooklyn, present owner.

SUBJECT—Application for reopening—extension of time re Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution to permit in a business district the erection and maintenance of a motor vehicle repair shop and also a gasoline service station.

PREMISES AFFECTED—789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Frederick Weinbrod.

ACTION OF BOARD—Application reopened and time extended to obtain permits.

* *Correction*—Words "Lama & Proskauer, for Engelbert Bick, owner." omitted and words "Weisbrod and Froeb, for The Lincoln Savings Bank of Brooklyn, present owner" substituted in first line of digest; words "Weisbrod and Froeb, attorneys for The Lincoln Savings Bank of Brooklyn, present" added to line 5 of resolution.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners	
Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(326-34-BZ)

WHEREAS, this application affecting premises 789-791 Bedford avenue, northeast corner of Park avenue (Block No. 1715, Lot No. 1), Borough of Brooklyn, was granted by the board February 19, 1935, on certain conditions and Weisbrod and Froeb, attorneys for The Lincoln Savings Bank of Brooklyn, present owner, request an extension of time.

Resolved, that the resolution adopted by the board on February 19, 1935, be and it hereby is *amended*, only so far as it has reference to the obtaining of permits and completion of work, so that as amended this portion of the resolution will read:

"that all permits shall be obtained within three months and all work completed within six months from the date of this amended resolution; that other than as amended herein, the resolution adopted by the board on February 19, 1935, shall be complied with in all respects."

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

RULES

OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals June 15, 1934, as Amended July 12, 1935, and as Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS—Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

CONTROLS—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND—An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp.	Gr.	(A. P. I.)	40-44°
No. 1	Fuel Oil	"	"	"	36-40°
No. 2	"	"	"	"	32-36°
No. 3	"	"	"	"	28-32°
No. 4	"	"	"	"	24°+
No. 5	"	"	"	"	18°+
No. 6	"	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 33 in

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. in diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material. All such tanks shall be electrically grounded.

(e) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

Correction—paragraph (d) eliminated, covered by Rule 5, section 1 and Rule 10, section 3; paragraph (e) change to (d) and portion, covering thickness of shell, eliminated, covered by Rule 5, section 1; paragraph (f) change to (e).

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "
If distant 50 feet.....	48,000 "
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

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Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimensions of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

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Published at request of the Fire Chief and Commissioner

SPECIFICATIONS FOR TANK TRUCKS

To be used in the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, in accordance with the provisions of Section 113, Article 8, Chapter 10 of the Code of Ordinances, effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, storage or use within the city any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester, except in a tank truck for which a permit has been granted by the Fire Chief and Commissioner. (Sec. 113, Art. 8, Chap. 10.)
- 1.2. . . A permit is required for each tank truck for the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester. (Sec. 113, Art. 8, Chap. 10, C. of O.)
- 1.3. . . Application for a permit shall be made on forms prescribed by said Fire Chief and Commissioner and shall contain such information as he shall require. (Sec. 20, Art. 2, Chap. 10, C. of O.)
- 1.4. . . Unless otherwise provided every permit for a tank truck and the renewal thereof, shall be for a period determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Sec. 26, Art. 2, Chap. 10, C. of O.)
- 1.5. . . The permit is revocable and not transferrable and in case of a change of ownership of the truck, the new owner shall obtain a new permit. Fee \$10.00 for each truck. (Sec. 43, Art. 3, Chap. 10, C. of O.)
- 1.6. . . Complete specifications of the truck, with detail construction drawings showing plan and elevation of the tank, also carrying capacity of the chassis, shall be filed. This section will not apply to existing equipment.

RESPONSIBLE PERSON

- Sec. 2.1. . . Each tank truck for which a permit has been issued shall be under the control and supervision of a responsible person.

GRAVITY TANK TRUCK

- Sec. 3.1. . . The term gravity tank truck when used in these tank truck specifications shall be a steel tank mounted on either a motor driven or horse drawn vehicle, in which the contents shall be any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, and is drawn off through an opening or openings in the bottom of the tank whether by natural gravity flow or actuated by some mechanical means.

TANK CAPACITY

- Sec. 4.1. . . The total carrying capacity of the tank shall not exceed twenty-five hundred (2500) gallons, except that heavy oils, (Numbers 5 and 6) may be carried in a tank of not more than three thousand (3,000) gallons capacity.
- 4.2. . . The total capacity of any one compartment shall not exceed six hundred gallons (600), except that heavy oils numbers 5 and 6 may be carried in a three thousand gallon compartment.

NOTE: See U. S. Dept. of Commerce Fuel Oil Standards CS12-33.

4.3. . .

Grade	Flash Point	
	Minimum	Maximum
No. 1. (A distillate oil for use in burners requiring a volatile fuel)	110° F.	165° F.
No. 2. (A distillate oil for use in burners requiring a moderately volatile fuel)	125° F.	190° F.
No. 3. (A distillate oil for use in burners requiring a low viscosity fuel)	150° F.	200° F.
No. 4. (An oil for use in burners requiring low viscosity fuel)	150° F.	
No. 5 (An oil for use in burners permitting a medium viscosity fuel. (Bunker B, Federal specification, 2d)	150° F.	
No. 6. (An oil for use in burners permitting a high viscosity fuel. (Bunker C, Federal specification, 2d)	150° F.	

TANK CONSTRUCTION

- Sec. 5.1. . . The tank shall be a rigid all steel structure, open hearth or blue annealed steel throughout, in accordance with the following table. Wrapper sheets shall be installed with longitudinal seams near the top. All joints shall be welded. The joints shall be welded (continuous) both inside and outside and shall be of full 45 degree fillet, except in double bulk head construction one-side welding only.
- 5.2. . . All gauges specified are U. S. Standard and apply to either single or double head construction.
- Tanks of not more than 600 gallons capacity
—12 gauge shell—12 gauge head
- Tanks of over 600 gallons and not more than 1200 gallons capacity—10 gauge shell—10 gauge head
- Tanks over 1200 gallons and not more than 3000 gallons capacity—
400 gallon compartment and under 10 gauge shell—10 gauge head

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over 400 gallon compartment and not more than 600 gallon compartment—10 gauge shell—8 gauge head
for compartments over 600 gallon to carry 5 and 6 oils—8 gauge shell—8 gauge head
Tank capacities to conform to sections 4.1 and 4.2 of these specifications.
No permit shall be granted to a tank truck using a tank of lighter construction than above specified after July 1, 1937.

Sec. 5.3. . . Material other than open-hearth or blue annealed steels may be used if in thicknesses and designs that will give tank strengths and rigidities not less than those of the steels described and which have an equal or higher melting point.

5.4. . . All existing welded and riveted tanks will be accepted, if free from ruptures, defects and leakage.

CAPACITY INDICATOR

Sec. 6.1. . . Adjustable indicator or gauging device shall be placed in each filler opening so set as to allow three-fourths of a gallon to each one hundred (100) gallons for expansion. Total shall not be above indicator level. Indicator shall be sealed. The installation of indicators as above described, not required on existing equipment.

RELIEF VENTS

Sec. 7.1. . . Each compartment shall be provided with a breather vent. The vent shall be of the normally closed pressure controlling type, except for oils known as Numbers 5 and 6.

7.2. . . Vents of the enclosed type shall relieve at not more than five (5) pounds pressure, except for oils Numbers 5 and 6. All vents shall be provided with a 20 x 20 mesh non-corrodible wire screen.

7.3. . . Vents shall have a through area as below specified and shall be provided as follows:
3/4" diameter vent when 2" drawoff pipe is used
3/4" diameter vent when 2 1/2" drawoff pipe is used
1" diameter vent when 3" drawoff pipe is used
1 1/2" diameter vent when 4" drawoff pipe is used
1 1/2" diameter vent when 6" drawoff pipe is used

COVERS

Sec. 8.1. . . Manhole and filler openings shall be made gas and liquid tight with a hinged cover.

TEST

Sec. 9.1. . . Each compartment shall show no signs of leakage; hydrostatic test of 5 pounds per square inch will be made on demand of the Fire Chief and Commissioner.

INSIDE EMERGENCY VALVES

Sec. 10.1. . . An inside emergency valve (except compartments of one hundred and fifty (150) gallons or less) shall be provided at the outlet orifice from each compartment and shall be kept closed except during delivery

or discharging operation. Except for tanks containing Nos. 5 or 6 oil, the valve shall be of the quick-closing type and arranged to close with the flow of liquid and shall be installed independent of the outside pipe connections or with a shear section which will break under strain. There shall be no stuffing box below the liquid level. In tanks containing numbers 5 or 6 oil, the valve may be either of the quick closing or of the screw type.

OUTSIDE PIPING AND VALVES

Sec. 11.1. . . Each compartment or tank shall be emptied by means of gravity or by pump or both, or if so desired, the syphon type of truck as approved for gasoline, may be used.

11.2. . . When pump is used, it shall be provided with a sealed means of bypassing so designed and set that it will not deliver more than 25 gallons per minute through a 1 1/4 inch delivery hose and not more than 50 gallons per minute when using a delivery hose not exceeding 2 inches in diameter when delivering fuel oils Numbers 1, 2, 3 and 4 as specified under Section 4.3 of these Specifications. Provisions shall be made for a pressure gauge on the discharge side of the pump. Grounded flexible hose of not more than 24 inches in length may be used between the pump and the suction end of the discharged piping.

11.3. . . On tank semi-trailer equipment which is a vehicle of the trailer type (upon which is mounted a tank) having one or more axles and two or more wheels so designed and used in conjunction with a motor vehicle that some part of its own weight and that of its own load rests upon or is carried by another vehicle, grounded flexible hose not exceeding six (6) feet in length, shall be used to connect the piping on the motor vehicle to the piping on the tank semi-trailer.

11.4. . . Piping shall be connected to the bottom of the tank, either by having the wrapper sheet flanged and special connections welded thereto, or by heavy pipe flanges welded both inside and outside to the wrapper sheet when screwed piping is used (valves excepted) the joints shall be either welded, brazed or cemented for tightness.

11.5. . . Piping shall be supported from the tank or tank structure. Rear and side outlet valves shall be protected by rear bumper or on the side by the steel running boards. Hose shall not exceed 100 feet in length.

MOUNTING

Sec. 12.1. . . Each tank shall be substantially supported by iron or pressed steel cradles or steel bolsters. The tank shall be secured to the bolsters or cradles either by welding or by approved metal straps.

12.2. . . If a wooden sill is used the hold-down bracket must be so designed that both the "U" bolts which fasten the sill to the chassis frame, and the hold-down bands which hold the tank to the cradle, become a part of the same bracket assembly, so that there will always be a metal connection between tank and chassis. The sills must be so anchored as to prevent any longitudinal movement of the tank structure relative to the chassis frame.

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BUMPERS

- Sec. 13.1. . . A substantial steel bumper shall be provided at the rear, so designed as to protect the rear of each tank and the discharge valves from injury.
- 13.2. . . Bumpers shall be permanently secured to the chassis frame and in such a manner as to provide protection for the rear of the tank and the discharge valves.

BUCKET BOXES & RUNNING BOARDS

- Sec. 14.1. . . Bucket boxes when used must be of metal construction not lighter than 14 U. S. Standard gauge—must be a permanent part of the tank structure and provided with drainage and ventilation through the bottom. Hard wood lining may be used to prevent sparking. All steel running boards shall be provided and shall not extend beyond the maximum width of the chassis. The over-all width of the assembled tank truck shall not exceed the State limitations. All rags or cotton waste shall be kept in a covered metal box.
- 14.2. . . Running boards constructed of wood if in good condition shall be accepted on existing equipment.

WIRING

- Sec. 15.1. . . All wires from rear of the cab to the rear of the tank shall be located in rigid iron, flexible steel conduit, armored cable, or approved metal conduit with water tight connections.
- 15.2. . . The tail light shall be mounted at the level of the top of the tank, on the left side rear.

SMOKING

- Sec. 16.1. . . Smoking on a tank truck is prohibited at all times.

CHASSIS WEIGHT

- Sec. 17.1. . . The net chassis weight without accessories, such as cab, spare tire, water, gasoline, front and rear bumpers, etc., shall weigh not less than the percentage of the gross weight when fully loaded and completely equipped as follows:

For tanks	0 to 600 gallons	—25%
" "	601 " 1250 "	—30%
" "	1251 " 3000 "	—28%

When tractor-semi-trailer equipment is used, the net chassis weight shall include both the tractor and semi-trailer chassis.

EXAMPLE

- 17.2. . . Weight of Chassis (stripped) . . . 9245 lbs.
- " " Tank (hose reel, etc.) . . . 5300 lbs.
- " " Fuel oil (1500 gal. at 7.5 per gal.) . . . 10800 lbs.
- " " Cab . . . 500 lbs.
- " " Accessories, water, gas, spare tire, etc.) . . . 485 lbs.

26330 lbs.

28% of 26,330 lbs. equal 7372 lbs.—minimum weight of chassis acceptable.

- 17.3. . . A chassis to be acceptable must be accompanied by a sworn statement signed by the Chief Engineer of the company manufacturing the chassis, guaranteeing the truck to be safe for the superimposed load. Duplicate chassis may be submitted without individual sworn statements.

- Sec. 17.4. . . A chassis of less weight than specified in Section 17.1 may be accepted if accompanied by a certificate of the manufacturer supported by sworn statement of the Chief Engineer or other technical expert that said chassis is sufficiently strong to carry the superimposed weight for which it is designed, and further that it is of sufficient stability at all times while stationary or in motion in traffic to be a safe vehicle on the highways.

- 17.5. . . The engine exhaust piping shall terminate preferably under the cab. If carried under the tank, it shall terminate not more than one-half the length of the tank from the rear. It shall be protected by a metal shield. The outlet shall be turned downward.

- 17.6. . . The use of any vehicle (upon which is mounted a tank) without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as full tank trailer, is prohibited.

CAB

- Sec. 18.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. Engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab. The filling connection shall preferably be outside the cab. A windshield shall be provided.
- 18.2. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck, in a card holder.

PAINTING AND MARKING

- Sec. 19.1. . . The tank and rear bucket compartment, if any, shall be painted Dark Green; but the chassis, running gear, cab, bonnet or hood of motor, or the wheels may be painted any color suitable to the applicant.
- 19.2. . . The metal permit plate, furnished by the Fire Department at the same time the Fire Department permit is issued, must be securely fastened to the exterior of the cab on the left side of the tank truck and be so displayed during the life of the permit.
- 19.3. . . The registered trade name, or the name of the person, firm or corporation owning or operating the tank truck shall be displayed on both sides of the tank in letters at least three and one-half inches high by one-half inch stroke; it is optional with the distributor to add the name of the product and the firm address.
- 19.4. . . The advertising of any product distributed by the person, firm or corporation operating the tank truck is permitted, but oils having a flashpoint of less than 100° F. when tested in an open cup tester shall not be advertised on any part of the tank truck.

FIRE PROTECTION

- Sec. 20.1. . . Non-freezing fire appliances only shall be carried on tank trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

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CANS

Sec. 21.1. . . Excess storage of the product transported or delivered not exceeding sixty (60) gallons in containers as specified in Section 113, Article 8, Chapter 10, Code of Ordinances, may be carried in the bucket compartments and it is further provided that where a delivery is made in a licensed premise, open measuring cans of a capacity not exceeding ten (10) gallons may be used if same are not left on premises as a storage container.

SPECIFICATIONS FOR PLATFORM TRUCKS

To be used for the transportation or delivery for storage, sale or use within the City, of any petroleum or shale oil, or the liquid products of either, or coal tar in accordance with Sections 113 and 114, Article 8, Chapter 10 of the Code of Ordinances effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, use or storage within the City any petroleum or shale oil, or the liquid products of either, or coal tar without a permit from the Fire Chief and Commissioner. (Sections 113 and 114, Article 8, Chapter 10, Code of Ordinances.)
- 1.2. . . Application for a permit shall be made on forms prescribed by the Fire Chief and Commissioner and shall contain such information as he shall require. (Section 20, Article 2, Chapter 10, Code of Ordinances.)
- 1.3. . . Unless otherwise provided every permit for a rack or stake truck and the renewal thereof, shall be for a period to be determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Section 26, Article 2, Chapter 10, Code of Ordinances.)
- 1.4. . . The permit is revocable, not transferrable and in the case of a change of ownership, the new owner shall obtain a new permit. (Section 43, Article 3, Chapter 10, Code of Ordinances.) Fee Ten (\$10) Dollars for each truck.
- 1.5. . . The metal plate, furnished by the Fire Department at the same time the Fire Department Permit is issued, must be securely fastened to the exterior of the cab on the left side of the truck and be so displayed during the life of the permit.
- 1.6. . . A permit shall be issued only for this type of vehicle for a gross weight of vehicle and load not to exceed a weight in pounds which shall be stated in a certified statement which is filed with the Fire Chief and Commissioner by the manufacturer of the completed chassis.

BODIES

Sec. 2.1. . . Trucks may have any type of body suitable to the applicant, provided it is mounted on a chassis in a workmanlike manner.

CAB

Sec. 3.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. The engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab.

The filling connection shall preferably be outside the cab. A windshield shall be provided.

Sec. 3.2. . . Engine fuel tanks, if attached to chassis frame and located on right side, and not extending beyond the width of the body, shall be accepted if on existing equipment.

WIRING

Sec. 4.1. . . All wiring used on this type of truck shall be kept in a safe condition.

RACKS

- Sec. 5.1. . . If rack compartments are used to hold containers they shall be substantially made and so arranged, when placed in tiers, that the construction of the lower rack compartment will support the weight of the upper rack compartment and the containers.
- 5.2. . . Products shall only be transported or delivered on a truck of this type in containers as specified in Sections 113 and 114 of Article 8 of Chapter 10 of the Code of Ordinances of the City of New York.
- 5.3. . . Containers not exceeding five (5) gallon capacity shall be transported or delivered in a case of a design that will prevent any weight or strain being placed upon the container.
- 5.4. . . Containers as specified in Section 5.2 of these specifications may be stacked in tiers if the rated gross load does not exceed the provisions of Section 1.6 of these specifications.

TRAILERS

Sec. 6.1. . . The use of any vehicle, without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as a full trailer, is prohibited.

PAINTING AND MARKING

- Sec. 7.1. . . The body of this type of truck may be painted any color suitable to the applicant.
- 7.2. . . The registered trade name or the name of the person, firm or corporation operating this type of truck shall be displayed on both sides of the truck in letters at least two inches in height by one-quarter inch stroke.

FIRE PROTECTION

Sec. 8.1. . . Non-freezing fire appliances only shall be carried on these trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

SMOKING

Sec. 9.1. . . Smoking on a truck while transporting or delivering any oils or liquids requiring a permit from the Fire Chief and Commissioner is prohibited.

RAGS

Sec. 10.1. . . All rags or cotton waste shall be kept in a covered metal box.

INSPECTION CARD

Sec. 11.1. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck in a card-holder.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
- 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
- 1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A"
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 23-33-SA—Sunrex Range Oil Burner.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 164-33-SA—Firemaster Fire Extinguisher.
- 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
- 32-34-SA—Super Oil Burner for Pressing Machine.
- 77-34-SA—Packard Fuel Oil Burner.
- 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 165-34-SA—Rose Oil Heater.
- 203-34-SA—King Oil Burner.
- 205-34-SA—Automatic Firetox Extinguisher.
- 224-34-SA—Progressive Press Machine Oil Burner.
- 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.
- 123-35-SA—National Airoil Safety Tank Filling Valve.

- 133-35-SA—Monarch Industrial Oil Burner.
- 135-35-SA—Loyalty Conversion Hot Water Heater.
- 139-35-SA—Syncro-Flame Oil Burner, Model RH.
- 156-35-SA—Gillespie Elevator Shaft Door Switch.
- 157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.
- 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
- 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 165-35-SA—Serv-Well Range Oil Burner, Models 27B and 27T.
- 166-35-SA—ServWell Space Heater, Models 247T and 248.
- 167-35-SA—Serv-Well Water Heater, Models 255A and 255B.
- 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
- 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
- 180-35-SA—Majestic Range Oil Burner, Models 27B and 27T.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.
- 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
- 190-35-SA—Air-O-Flame Space Heater, Pot Type, Models 808, 810 and 108.
- 204-35-SA—Rhode Island Fill Box for Fuel Oil.
- 206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.
- 207-35-SA—Cole's Blast Oil Burning Heating Stove.
- 208-35-SA—Oceco Rotary Pump for Petroleum Products.
- 213-35-SA—Preferred Fill Box.
- 214-35-SA—Simplex Terminal Fill Box.
- 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
- 217-35-SA—Brigham Oil Burner.
- 219-35-SA—United Copper Service Pipe.
- 223-35-SA—Newbury Fill Caps for fuel oil.
- 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
- 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
- 231-35-SA—Sealtite Fill Cap for fuel oil.
- 233-35-SA—Odine Beautyheater (Space Heater).
- 236-35-SA—Penn Rotary Oil Burner.
- 241-35-SA—Carbonic Gas Equipment Company Dry Ice Converter.
- 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
- 244-35-SA—Woolley Patent Mechanical Oil Burner.
- 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
- 249-35-SA—Acme High and Low Water Alarm Tank Switch.
- 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
- 263-35-SA—Ker-Oil Automatic Water Heater.
- 264-35-SA—Perfect Automatic Oil Burner, Models O-5, O-7, O-8, O-10, DL-7, DL-8 and DL-10.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	31
Cases filed up to October 16, 1935	283	Dismissed	13
Restored to Calendar	108	Denied	73
		Granted	4
		Granted on condition	165
		Appliance approved	65
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		Rules approved	2
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	311	Requests to reopen granted	284
Requests to amend	113	Requests to reopen denied	7
Requests for modification	0	Requests to amend granted	113
Requests to rescind	6	Requests to amend denied	0
Requests for extension of time	52	Requests for modification granted	0
Requests for extension of permit	8	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	6
Requests for approval of plans	9	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	52
Requests for interpretation	0	Requests for extension of time denied	0
Total	1053	Requests for extension of permit granted	8
Disposed of	860	Requests for extension of permit denied	0
Cases pending October 16, 1935	193	Requests to install granted	0
		Requests to install denied	0
		Plans approved	9
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	6
		Interpretations	0
		Requests withdrawn or dismissed	20
		Total	860

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,

Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year OCTOBER 29, 1935 Single Copies, 5 cents By mail, 8 cents No. 44

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELLIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Rules Directory.

Court Decision.

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The Hearing Calendar.

Minutes of Regular Meeting, October 22, 1935, at 10 A. M.

Minutes of Regular Meeting, October 22, 1935, at 2 P. M.

Approved Range Oil Burners and Space Heaters.

Standpipe-Fireline Rules.

Approved Fuel Oil Pumps.

Fire Drill Rules.

Reserve Calendar.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

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Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, October 28, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, November 4, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

New Cases Filed Up to October 23, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
292-35-SA....	F.D.....	J. H. N. Fill Pipe Terminal, Appliance.
291-35-A.....	F.D.....	3815 Rombouts avenue and 2237 Light street, northwest corner (Block 4950, Lots 20 and 25), The Bronx.
		4544-LC.
290-35-BZ....	D.B.B.....	32-34 Herbert street and 489-497 Humboldt street, southwest corner (Block 2830, Lots 15, 16 and 17), Brooklyn,
		Applic. 13056-35.
289-35-A.....	D.B.M....	117 West 42nd street (Block 995, Lot 24), Manhattan,
		20241-F.
288-35-BZ....	D.B.Q.....	118-50 Metropolitan avenue (Block 3322, Lot 25), Kew Gardens, Queens,
		Decision No. 1415.
287-35-BZ....	D.B.Q.....	Southeast corner of 84th road and Parsons boulevard (Block 864, Lot 261), Jamaica, Queens,
		Applic. 2471-35.
286-35-A.....	F.D.....	51-61 Union street, northwest corner of Van Brunt street (Block 334, Lot 34), Brooklyn,
		66169-LC.
285-35-A.....	T.H.D....	120 Riverside drive and 359 West 84th street, northeast corner (Block 1246, Lot 7), Manhattan,
		T.H.D. Order.
284-35-BZ....	D.B.B.....	725 Church avenue (Block 5330, Lots 55 and 60), Brooklyn,
		N. B. 12464-35.

Restored to Calendar.

101-32-BZ....	D.B.Bx....	2871 Bailey avenue, west side, 107.59 ft. south of West 230th street (Block 3264, Part of Lots 70 and 79), The Bronx,
		Decision.
22-29-BZ....	D.B.Q.....	97-28 Van Wyck boulevard, northwest corner of 101st avenue (Block 520, Lot 30), Dunton, Queens,
		Applic. 3879-35.
126-35-BZ....	D.B.Q.....	182-01 to 182-09 Hillside avenue and 87-23 to 87-31 182d street, northeast corner (Block 996, Lot 1), Jamaica, Queens,
		Applic. 1165-35.
120-35-BZ....	D.B.Q.....	63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block 3114, Lot 70), Forest Hills, Queens,
		Applic. 1233-35.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

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Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov.	27, 1934—Vol. 19, No. 48
Range Oil Burners and Space Heaters	Oct.	29, 1935—Vol. 20, No. 44

COURT DECISION

Matter of Regina Boulevard Corp'n. (Murdock)—April 17, 1934, Board denied gas station, in business district, under Section 21; Cal. No. 512-31-BZ, Premises southeast corner Mott Ave. and Regina Boulevard, Far Rockaway, Queens. Mr. Justice Cuff sustained Board, stating: "It would seem that hardship upon the owner exists, but the judicial branch of our government has repeatedly cautioned against trespassing upon the executive branch and held that judges have no right to substitute their judgment for the executive's in the absence of capricious, arbitrary or tyrannical conduct." (N. Y. L. J., October 23, 1935.)

CALL OF CLERK'S CALENDAR MONDAY, OCTOBER 28, 1935, AT 2 P. M.

Building Zone Cases.

255-35-BZ.	APPLICANT—New York Railways Corporation, owner. PREMISES—1552-1560 Lexington avenue, northwest corner East 109th street and 1301-1309 Park avenue ((Block No. 1627 (West), (south part of Lot No. 1), Manhattan. APPLICATION, under section 21 of the building zone resolution, TO PERMIT in a business district an alteration and conversion of a building used for housing street cars to a garage for more than five (5) motor vehicles.
272-30-BZ.	APPLICANT—Jacob A. Freedman, for Rubel Corporation, owner. PREMISES—440-446 Utica avenue, 923-943 East New York avenue, northwest corner, and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Brooklyn.

CALENDAR

APPLICATION, under section 21 of the building zone resolution (reopened October 1, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station (remitted by Order of the Court, to the Board for hearing).

112-35-BZ.

APPLICANT—Philip Wolfson, for Giuseppa Genco, owner.

PREMISES—115-61 Merrick road, 172-01 116th avenue and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop.

OCTOBER 29, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, October 29, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 84-35-BZ—Application, March 29, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Dickel Construction Company, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 77-04 to 77-12 Jamaica avenue, south side, 20.03 ft. east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Borough of Queens.

CAL. NO. 4-34-BZ—Application of Samuel Rosenblum and Earl I. Gallant, applicants, on behalf of Josephine J. Schnurmacher, owner, reopened June 25, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn); premises 4025-4029 White Plains avenue, west side, 168.51 ft. south of East 228th street (Block No. 4829, Lot No. 11), The Bronx.

CAL. NO. 127-35-BZ—Application, May 18, 1935, under section 21 of the building zone resolution, of Jacob J. Wollman and Casper P. Colla, applicants, on behalf of Joseph Angelone, owner, to permit in a business district the use of a plot of ground as a junk shop; premises 115-117 Truxton street, north side, 220 ft. east of Sackman street (Block No. 1544, Lot No. 45), Brooklyn.

CAL. NO. 168-35-BZ—Application, June 21, 1935, under section 21 of the building zone resolution, of Henry Lichtig, applicant, on behalf of Spoolan Realty Corporation, owner, to permit in a business district the alteration and change of occupancy of part of an existing building from stores to motor vehicle repair shop; premises 841-847 East 149th street, northeast corner of Union avenue

(Block No. 2674, Lot Nos. 17, 18, 19 and 20), The Bronx.

CAL. NO. 194-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of William J. Carey, applicant, on behalf of William J. Carey and May E. Carey, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot No. 26), Rosedale, Borough of Queens.

CAL. NO. 96-35-BZ—Application, April 12, 1935, under section 21 of the building zone resolution, of Matthew W. Del Gaudio, applicant, on behalf of The Elmcroft Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1301-1319 Castle Hill avenue and 2171-2181 Westchester avenue, northwest corner (Block No. 3935, Lot No. 1), The Bronx.

CAL. NO. 169-20-BZ—Application of William F. Regan, on behalf of Karl C. Hermon, owner, reopened June 25, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (in lieu of a garage for more than five (5) motor vehicles previously granted by the board); premises 1617-1627 Neptune avenue and 3127-3131 Cropsey avenue, northeast corner (Block No. 6995, Lot No. 1), Brooklyn.

CAL. NO. 594-29-BZ—Application of Benjamin Millstein, on behalf of Morey Motors, Inc., owner, reopened February 26, 1935, under new facts, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously denied); premises 5812-5822 Bay parkway and 2177-2183 59th street, northwest corner (Block No. 5508, Lot No. 44), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

OCTOBER 29, 1935, 2 P. M.

Appeals from Administrative Orders.

14-35-A—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

250-35-A—Transportation of Fuel Oil in Trucks in New York City.

257-35-A—15-27 North Oxford street (Block No. 2029, Lot Nos. 9 and 10), Brooklyn.

Variation of Labor Law.

268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Manhattan.

Appliance Submitted for Approval.

238-35-SA—Garfire Gun (Fire Extinguisher).

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, October 29, 1935, at 2 o'clock, in Room 1013, Municipal Building,*

CALENDAR

on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935, to change the application to permit an apartment house with stores on 1st story; premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

CAL. NO. 55-31-BZ—Application of Office of Henry T. Child, architects, on behalf of Emma D. Gardiner, present owner, reopened July 9, 1935, under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted; premises 6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 653-29-BZ—Application of Office of Henry T. Child, on behalf of Emma D. Gardiner, owner, reopened October 8, 1935, under section 21 of the building zone resolution, to permit in a business use district the erection and maintenance of a gasoline service station, 101.64 feet by 70.8 feet, on a plot on which the board granted a variation permitting the erection of a garage, 101.64 feet by 153.39 feet, for the storage of more than five (5) motor vehicles—the garage to be omitted; premises 6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

CAL. NO. 477-28-BZ—Application of Scacchetti and Siegel, on behalf of Cabin Holding Corporation, owner, reopened July 16, 1935, under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre; premises 2029 Grand concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

CAL. NO. 154-35-BZ—Application, June 15, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Assets Control Company, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, NOVEMBER 4, 1935, AT 2 P. M.

Building Zone Cases.

247-35-BZ.
APPLICANT—Scacchetti & Siegel, for Teresa Pisaniello, owner.

PREMISES—3007-3009 East Tremont avenue and 1491 Ericson place, northwest corner (Block No. 5381, Lot No. 38), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

35-34-BZ.
APPLICANT—Sidney L. Strauss, for Fannie Levy, owner.
PREMISES—625-631 West 176th street and 74 Wadsworth avenue, northwest corner (Block No. 2145, Lot No. 54), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened May 7, 1935),

TO PERMIT in a residence district the erection and maintenance of a building to be used as stores and also a motor vehicle repair shop.

254-35-BZ.
APPLICANT—Scacchetti & Siegel, for Winter Mead and R. Hawley Truax, as trustees of owner.

PREMISES—300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Manhattan.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated), a portion of the garage having been previously granted by the board.

276-35-BZ.
APPLICANT—Frank S. Parker, for General Motors Corporation, owner.

PREMISES—224-228 West 57th street and 1758-1770 Broadway, southeast corner (Block No. 1028, Lot No. 47), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing business building to a garage for more than five (5) motor vehicles.

NOVEMBER 6, 1935, 10 A. M.

SPECIAL MEETING.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Stand-

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ards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, November 6, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 198-35-BZ—Application, July 16, 1935, under sections 7b and 7c of the building zone resolution, of Abraham Farber, applicant, on behalf of Lena Cohen and Aaron Cohen, owners, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building to business use (store); premises 1314 41st street, south side, 85 ft. east of 13th avenue (Block No. 5594, Lot No. 10), Brooklyn.

CAL. NO. 203-35-BZ—Application, July 24, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Charles Kuegerl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 260-02 Hillside avenue, southeast corner of 260th street (Block No. 4536, Lot No. 33), Queens Village, Borough of Queens.

CAL. NO. 145-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Charles Ginsberg and Max Chesnoff, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

CAL. NO. 212-35-BZ—Application, August 5, 1935, under section 21 of the building zone resolution, of Thomas W. Lamb, Inc., applicant, on behalf of Edwin J. Long, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

CAL. NO. 218-35-BZ—Application, August 14, 1935, under section 21 of the building zone resolution, of William Shary, applicant, on behalf of G. & D. Realty Corporation, owner, to permit in a business district the alteration and change of occupancy of part of an existing business building so as to include a gasoline service station; premises 2368-2372 Jerome avenue and 2-6 East 184th street, southeast corner (Block No. 3187, Lot No. 25), The Bronx.

CAL. NO. 258-35-BZ—Application, September 25, 1935, under sections 7a, 7b and 21 of the building zone resolution, of Henry C. Brucker, applicant, on behalf of Octagon Laundry, Inc., owner, to permit the extension from a business district into a residence district of an existing wet wash laundry and the erection, partly in

a business district and partly in a residence district, of a proposed garage for more than five (5) motor vehicles as an accessory to the laundry; premises 2120-2124 Menahan street (rear), south side, 185.96 ft. east of Grandview avenue (Block No. 3373, Lot No. 18), Ridgewood, Borough of Queens.

CAL. NO. 825-27-BZ—Application of Alfred Taffett, on behalf of Richard Morrison, owner, reopened June 18, 1935, under section 21 of the building zone resolution, to permit in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles (previously denied for a gasoline service station); premises southeast corner of Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), The Bronx.

CAL. NO. 196-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of Elizabeth Scheurer and Anna A. Scheurer, applicants and owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 40-01 23rd drive, northeast corner of Seinyway street (avenue); (Block No. 793, Lot No. 26), Astoria, Borough of Queens.

CAL. NO. 232-35-BZ—Application, September 3, 1935, under section 7b of the building zone resolution, of Lawrence M. Rothman, applicant, on behalf of Wolf-Kahn Realty Corporation, lessee (25-year lease), to permit the erection and maintenance of an addition to an existing business building located within a business district, a part of the addition to extend into a residence district; premises 308-324 East Fordham road, southwest corner of Elm place (Block No. 3023, Lot No. 26), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR TUESDAY, NOVEMBER 12, 1935, AT 2 P. M.

Building Zone Cases.

119-35-BZ.

APPLICANT—Chester Baffa, for Annie E. Clark, owner.
PREMISES—502 Atlantic avenue, south side, 200 ft. west of Third avenue (Block No. 185, Lot No. 18), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the conversion of occupancy of an existing building (auto laundry) to a motor vehicle repair shop.

246-35-BZ.

APPLICANT—Lama and Proskauer, for Elinor D. Manson and Nora M. Reich, owners.
PREMISES—62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

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251-35-BZ.

APPLICANT—William B. Linder, for State Engineering Corp., owner.

PREMISES—2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Brooklyn.

APPLICATION, under sections 7c and 21 of the building zone resolution,

TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a business building (stores).

273-35-BZ.

APPLICANT—Walter B. Woodruff, for John T. Woodruff & Son, owner.

PREMISES—33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

APPLICATION, under sections 7a, 7c and 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

278-35-BZ.

APPLICANT—C. A. Sandblom, for Moe Weinberger, owner.

PREMISES—333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Brooklyn.

APPLICATION, under sections 7a, 7c and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre.

NOVEMBER 13, 1935, 10 A. M.

SPECIAL MEETING.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, November 13, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 114-35-BZ—Application, May 3, 1935, under section 21 of the building zone resolution, of McLaughlin and Stern, applicants, on behalf of Martrese Corporation, owner, to permit in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant); premises 214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, November 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

CAL. NO. 120-35-BZ—Application of Maxwell A. Cantor, applicant, on behalf of Andon E. Andon, owner, reopened October 22, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, applicant, on behalf of Thema Rosen, owner, reopened October 22, 1935, under section 7h of the building zone resolution, to permit in a business district for a period not greater than two (2) years, the parking or storage of more than five (5) motor vehicles on a lot or plot unbuilt upon; premises 2871 Bailey avenue, west side, 107.59 ft. south of West 230th street (Block No. 3264, part of Lot Nos. 70 and 79), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 19, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, November 19, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 117-35-BZ—Application, May 8, 1935, under section 21 of the building zone resolution, of William J. Wilson, applicant, on behalf of Rose Bozzi, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, OCTOBER 22, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, October 15, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, October 15, 1935, were approved as printed in Bulletin No. 43, Vol. XX.

BUILDING ZONE CASES.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles (previously denied for a gasoline service station; reopened June 18, 1935).

PREMISES AFFECTED—Southeast corner of Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPEARANCES—

For Applicant: David N. Kulkin.

For Opposition: James Palmer and Theodore Kaufer.

ACTION OF BOARD—Laid over to November 6, 1935, at 10 a. m., upon request of applicant's representative.

117-35-BZ.

APPLICANT—William J. Wilson, for Rose Bozzi, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

APPEARANCES—

For Applicant: William J. Wilson.

For Opposition: None.

ACTION OF BOARD—Laid over to November 19, 1935, at 2 p. m., applicant to file amended plans.

155-35-BZ.

APPLICANT—Scacchetti & Siegel, for Louise Alma Kaufman, owner.

SUBJECT—Application (re decision of commissioner of buildings), under section 21 to permit in a residence district, the erection and maintenance of a business building (stores).

PREMISES AFFECTED—3215 Grand concourse, southwest corner of East Van Cortlandt avenue (Block No. 3311, Lot No. 53), The Bronx.

APPEARANCES—

For Applicant: None.

For Opposition: Isaiah O. Zucker and William Burkin.

ACTION OF BOARD—Application withdrawn upon written request of applicant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

228-35-BZ.

APPLICANT—Alfred H. Eccles, for Charles H. Ely, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—76-13 to 76-15 Northern boulevard, north side, 50 ft. west of 77th street (Block No. 1172, Lot No. 45), Jackson Heights, Borough of Queens.

APPEARANCES—

For Applicant: Alfred H. Eccles, G. W. Bersch.

For Opposition: Richard Carroll, Katherine Davitt and Margaret Duane.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(228-35-BZ)

WHEREAS, Alfred H. Eccles, for Charles H. Ely, owner, filed August 15, 1935, an application under the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 76-13 to 76-15 Northern boulevard, north side, 50 ft. west of 77th street (Block No. 1172, Lot No. 45), Jackson Heights, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Northern boulevard is in a business district; 77th street and 76 street are in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered July 31, 1935 (re N. B. Permit No. 2855-1935), reads:

"1. The erection of a gasoline selling station in a business district is contrary to Article 2, Section 4 of the Zone Resolution.";

and

WHEREAS, the premises consists of a plot of ground with a frontage of 50 ft. on Northern boulevard and a depth of 90 ft., on which it is proposed to erect a one-story structure, 50 ft. by 40 ft. in area, to be used as a lubritorium, utility room, toilet rooms, etc., and the necessary tanks and pumps; the premises to be used in conjunction with the adjoining premises as a gasoline service station; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution, and was, therefore entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby, is *granted* under section 21, to permit the premises under appeal to be used for a gasoline service station in conjunction with the front portion of the property under appeal, under Cal. No. 58-24-BZ, *on condition*, that the entire premises shall be leveled substantially to the grade of Northern boulevard and that the building shall be constructed, as indicated on plans filed with this appeal, and constructed with face brick and terra cotta or stone trimming; that there shall be erected on the interior lot line to the west continuously from the rear to Northern boulevard, a brick wall not less than 7 ft. in height and suitably coped, this wall to be constructed with

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the same face brick as used in accessory buildings; that this wall may, however, be constructed at a height of 4 ft. at the Northern boulevard line and stepped up at the rate of one foot in four to the 7 ft. height; that there shall be no openings in this wall or on the accessory building on the lot line to the west or to the adjoining garage; that the accessory buildings shall be constructed of fireproof materials except that the roof beams, roof boarding, door frames and doors, window frames and sash may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals and the roof is weather surfaced with non-inflammable material; that the entire plot shall be cement paved including the rear portion back of the accessory building; that the heater room shall be entirely separated from the balance of the accessory building by fireproof construction, enterable only from the exterior; that there shall be no open excavation under any of these buildings except the pits for the greasing racks; that the greasing racks shall have open fronts unless the pit space is ventilated through the roof by means of ducts, with ventilation actuated by a spark proof and vapor proof fan; that all gasoline pumps erected shall be not nearer than 15 ft. to the street building line of Northern boulevard; that advertising shall be limited to the illuminated globes of the pumps and to a permanent flat sign attached to the front of the accessory building, excluding all other signs of a temporary nature, but permitting a post standard to be erected within the building line of Northern boulevard, this post standard to carry an illuminated sign extending not more than 8 ft. beyond the building line and erected at least 10 ft. above the sidewalk and advertising only the brand of gasoline on sale; that this plot may be used in conjunction with the existing gasoline station on the premises adjoining to the east covered by Cal. No. 58-24-BZ, as amended of this date; that there shall be erected on Northern boulevard, a concrete curbing not less than 12 inches in width and not over 5 inches in height with rounded top with not over two openings to Northern boulevard, each opening not to exceed 20 ft. in width and no part of any opening being nearer than 5 ft. to the westerly interior lot line; that there shall be no automobile repairing permitted on the premises; that there shall be no parking of cars other than those being serviced; that there shall be no portable gasoline pumps used on or from the premises; that complete working drawings including also the revision in connection with the adjoining premises, covered by Cal. No. 58-24-BZ, shall be submitted to the board and approved by the chairman in behalf of the board, before same are filed with the commissioner of buildings; that all permits shall be obtained within six months and all work completed within one year from the date of this action.

58-24-BZ.

APPLICANT—Alfred H. Eccles, for Queensboro Improvement Company, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, reopened September 17, 1935, for amendment, to permit partly in a business district and partly in a residence district, the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline, so as to include a gasoline service station (in connection with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ).

PREMISES AFFECTED—76-19 Northern boulevard (Jackson avenue), northwest corner of 77th street (20th street); (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens.

APPEARANCES—

For Applicant: Alfred H. Eccles.
For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(58-24-BZ)

WHEREAS, Alfred H. Eccles, for Queensboro Improvement Company, owner, filed September 17, 1935, an application under the building zone resolution, to permit partly in a business district and partly in a residence district, the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline so as to include a gasoline service station (in conjunction with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ); premises; 76-19 Northern boulevard (Jackson avenue) northwest corner of 77th street (20th street) (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Northern boulevard is in a business district throughout; 77th street is in a residence district, and 76th street is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered July 31, 1935, re Alt. Permit No. 5430-35, reads:

"1. The enlargement of an existing gas station in a business and residence district is contrary to Sections 3 and 4 of the Zone Law."

and

WHEREAS, the premises consist of a large one-story non-fireproof storage garage, "L" shaped, 50 ft. front by 144 ft. by 100 ft. across the rear; it is proposed to shift the position of the two underground existing gasoline tanks; demolish the front part (about 50 ft. by 44 ft.) of the existing garage; bury gasoline tanks at front, erect the necessary pumps and a waiting room for the purpose of conducting a gasoline service station in conjunction with the proposed gasoline station adjoining at west; and

WHEREAS, the board on July 8, 1924, made a variation on the application of the use district regulations, permitting the erection of a garage for more than five motor vehicles on these premises; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals *does* hereby *make a variation* in the application of the use district regulation, and that the resolution adopted by the board on July 8, 1924, be and it hereby is *amended*, by adding thereto the following:

"that the garage building granted under this calendar number on July 8, 1924, may be reconstructed generally as indicated on plans filed with this appeal, marked 'received October 16, 1935,' to permit a portion of the premises for a distance northerly from Northern boulevard of 50 ft. and for a frontage of 50 ft. to be continued to be used as a gasoline service station in conjunction with the adjoining premises to the west covered by Cal. No. 228-35-BZ, on condition that the reconstructed southerly wall of the garage shall be unpunctured for the full height and shall be constructed of face brick similar to that used for the proposed accessory building; that the accessory building, as indicated, shall be constructed as required for the adjoining accessory building, under Cal. No. 228-35-BZ; that the entire plot shall be leveled substantially to the grade of Northern boulevard and shall be cement paved; that no gasoline pumps shall be

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nearer than 15 ft. to the street building line of Northern boulevard or 77th street; that there shall be erected on the street building line of 77th street and Northern boulevard reinforced concrete curbs not less than 12 in. in width and not less than 5 in. in height with rounded top; that there shall not be more than one entrance from 77th street, not exceeding 30 ft. in width and not more than one entrance from Northern boulevard, not exceeding 30 ft. in width, provided no part of these entrances shall be nearer than 5 ft. from the intersection formed by Northern boulevard and 77th street; that there shall be no automobile repairing permitted on the property; that there shall be no parking of cars other than those being serviced; that there shall be no signs permitted on the premises other than on the illuminated globes of the gasoline pumps and one illuminated sign erected on post standard within the building line near the intersection of Northern boulevard and 77th street and permitting this sign to extend beyond the building line not more than 8 ft., provided it is erected at least 10 ft. above the sidewalk and advertising only the brand of gasoline on sale and excluding all other signs of every nature; that there shall be no signs attached to the garage building either on the side walls facing Northern boulevard or on the roof; that the boilerroom erected in the existing garage shall be of fireproof construction, entirely separated from the balance of the garage and enterable only from the exterior; that no additional entrance shall be constructed to the existing garage other than those existing, as permitted under this calendar number under resolution adopted by the board on July 8, 1924; that plans showing this enlarged gasoline station and garage alterations and the adjoining gasoline station to the west, as permitted under Cal. No. 228-35-BZ, under resolution of this date, shall be submitted to the board and approved by the chairman in behalf of the board before same are filed with the commissioner of buildings; that all permits shall be obtained within six months and all work completed within one year from the date of this action."

328-34-BZ.

APPLICANT—Henry Nordheim and Saul S. Meyers, for Max Mirowitz, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles (previously withdrawn; reopened May 28, 1935).

PREMISES AFFECTED—1449 Vyse avenue, west side, 100 ft. south of Jennings street (Block No. 2987, Lot No. 33), The Bronx.

APPEARANCES—

For Applicant: Henry Nordheim and Saul S. Meyers.

For Opposition: E. M. Steindler, Earl I. Gallant, Theresa Driscoll, Lucile Giacini, Henry Amster, Edward Reitman, J. S. Schultz, Hannah J. Donovan, Eva Perlmutter, Bessie Ringelheim, Elizabeth Morton, Michael Epstein, Tillie Wilensky and H. R. McFarland.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(328-34-BZ)

WHEREAS, Henry Nordheim and Saul S. Meyers, for Max Mirowitz, owner, filed November 20, 1934, an application, under the building zone resolution, to permit in a residence district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises: 1449 Vyse avenue, west side, 100 ft. south of Jennings street (Block No. 2987, Lot No. 33), Borough of The Bronx; and

WHEREAS, this application was withdrawn March 19, 1935, and reopened and restored to calendar by vote of the board May 28, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Vyse avenue is in a residence and business district; Jennings street is in a business district, and Hoe avenue is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 21, 1935, re App. No. 361-1934, reads:

"1. Proposed change of occupancy of building to a public garage in a residential district is unlawful.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 50 ft. and a depth of 100 ft.; upon the rear of the plot there is located a 3-story frame building, 50 ft. by 32 ft. in area, occupied according to filed certificate of occupancy on the 1st story as a stable for more than 5 horses and as dwellings above; on the front of the plot there is a one-story brick building, 50 ft. by 57 ft. in area, now occupied for wagon storage; it is proposed to occupy this building as a garage for more than 5 motor vehicles and to abandon the use of the rear building as a stable; and

WHEREAS, the premises under appeal have been used prior to the adoption of the building zone resolution and continuously since, as a stable for more than five horses and for wagon storage; and

WHEREAS, the board, after a personal inspection by a committee of same, and a hearing of the application, deems that the applicant is entitled to relief under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals *does* hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted*, under section 21 thereof, for a period of two years, permitting the building under appeal to be used as a garage for more than five (5) motor vehicles, *on condition* that only pleasure vehicles shall be stored therein and that at no time shall there be more than fifteen (15) such cars stored; that no automobile repairing shall be carried on and no sale or storage of gasoline other than in the tanks of the cars; that the building shall not be altered or increased in height or area and on the further condition that the rear frame building on the plot shall be entirely removed immediately; that there shall be no signs on any part of the building, including the roof, other than a small sign not over one foot by two feet on the front of the building reading "public garage" and that all permits shall be obtained within six months from the date of this action.

Adjourned, 1:00 p. m.

EDWARD V. BARTON, *Chief Clerk*.

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain

such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan at three cents each—postage to be added if the forms are forwarded by mail.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, OCTOBER 22, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

101-32-BZ.

APPLICANT—Joseph Schafran, for Thema Rosen, owner.
SUBJECT—Application for reopening (re decision of the commissioner of buildings) under section 7-H of the building zone resolution, to permit in a business district for a period not greater than two years, the parking or storage of more than five motor vehicles on a lot or plot unbuilt upon.

PREMISES AFFECTED—2871 Bailey avenue, west side, 107.59 ft. south of West 230th street (Block No. 3264, part of Lot Nos. 70 and 79), The Bronx.

APPEARANCES—

For Applicant: Philip Rosen.

ACTION OF BOARD—Application reopened; calendar call waived and set for hearing November 19, 1935, at 10 a. m. Applicant to notify affected property owners by regular mail on or before November 7, 1935.

THE VOTE TO REOPEN—

Affirmative Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

22-29-BZ.

APPLICANT—Samuels & Samuels, for Adeline Zagarino, owner.

SUBJECT—Application for reopening—restoration to the Calendar—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—97-28 Van Wyck boulevard, northwest corner of 101st avenue (Block No. 520, Lot No. 30), Dunton, Borough of Queens.

APPEARANCES—

For Applicant: Samuel Feinberg.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

72-30-BZ.

APPLICANT—David Diamond, for Connelly Cons't. Co., owner.

SUBJECT—Request for reopening—amendment—re Application (decision of the superintendent of buildings), under section 21 of the building zone resolution, permitting in a business district the omission of a proposed garage and gasoline service station granted by the board and the substitution of a gasoline service station and motor vehicle repair shop.

PREMISES AFFECTED—3491-3507 Fort Hamilton parkway, south side, 264 ft. 5 in. east of 36th street (Block No. 5302, part of Lot No. 21 and part of Lot No. 27), Brooklyn.

APPEARANCES—

For Applicant: David Diamond.

ACTION OF BOARD—Request to reopen denied.
THE VOTE TO REOPEN—

Affirmative 0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Absent 0

126-35-BZ.

APPLICANT—Edwin H. Snackenberg, for Sidney Hollaender, owner.

SUBJECT—Application for reopening—restoration to the Calendar—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—182-01 to 182-09 Hillside avenue and 87-23 to 87-31 182nd street, northeast corner (Block No. 996, Lot No. 1), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Edwin H. Snackenberg.

ACTION OF BOARD—Application reopened and restored to calendar, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

120-35-BZ.

APPLICANT—Maxwell A. Cantor, for Andon E. Andon, owner.

SUBJECT—Application for reopening—restoration to the Calendar, previously withdrawn—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

APPEARANCES—

For Applicant: M. A. Cantor.

ACTION OF BOARD—Application reopened; calendar call waived and set for hearing November 19, 1935, at 10 a. m. Applicant to notify affected property owners by regular mail on or before November 7, 1935.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

197-35-BZ.

APPLICANT—Scacchetti & Siegel, for Clifford Concourse Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a business building (stores).

PREMISES AFFECTED—960 Grand Concourse and 180-188 East 164th street, southeast corner (Block No. 2461, Lot No. 58), The Bronx.

APPEARANCES—

For Applicant: None.

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ACTION OF BOARD—Application withdrawn upon written request of applicant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: John Adikes.
For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum 3
Absent: Assistant Chief Kidney 1
Negative 0

THE RESOLUTION—

(152-35-BZ)

WHEREAS, John Adikes, for Jamaica Savings Bank, owner, filed June 12, 1935, an application under the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises: 139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55) Jamaica, Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Queens boulevard is in a business district; that 139th street is in a residence and business district; and 87th drive is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 6, 1935, re Applic. No. 1286-35, reads:

"1. Erection of a gasoline service station in a business district contrary to Art. 2, Sec. 4, Subd. 46, Building Zone Resolution

"Not further examined.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 200 ft. and a depth of 30 ft.—upon which it is proposed to erect a one-story office and greasing structure, 25 ft. by 30 ft. in area and, also, the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises in question was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE.

October 21, 1935

Cal. No. 152-35-BZ.

Premises—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue, Jamaica, Queens.

The premises under appeal is a shallow plot remaining after the widening of Queens boulevard. It has a frontage of 200 ft and a depth of 30 ft., located in an area zoned for business uses. The extension of 87th drive is mapped to cross this plot and take 50 ft. of the frontage for street purposes. Until this is

done the property is unusable, and, even with the proposed street, the depth makes it difficult if not impossible to put the premises to a conforming use and earn a reasonable return. The present owners, having acquired the premises through foreclosure of a mortgage, desire a zoning variance for a gasoline station. The existing uses of this part of Queens boulevard indicate that this plot can be so used without injury or depreciation of adjoining properties. The only objectors who are immediately concerned are the owners of the frame houses in the rear on 139th street, whose private garages cut off, to a considerable extent, the view of this plot and, with a brick wall on the lot line, these owners would be more secluded than at present. The committee which inspected these premises and the adjoining premises on October 10th are of the opinion that for the reasons above stated there is a temporary hardship existing and find that a gasoline station as proposed will not be inconsistent with the public safety and welfare and recommends that the appeal be granted to continue until such time as 87th drive is extended to Queens boulevard, but in no event beyond ten years. Walls should be erected on the lot line and no construction other than the wall and the concrete paving and curbs should be erected on the mapped street portion. Complete plans should be submitted and approved by the chairman on behalf of the board, prior to filing with the department of buildings.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended the granting of this application for a certain period and the board deemed that a temporary hardship existed.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and the application be and it hereby is *granted* under section 21, permitting the site under appeal to be used as gasoline service station, *on condition* that the premises shall be levelled substantially to the grade of Queens boulevard; that the accessory building shall be located as indicated on plans filed with this appeal—towards the northerly end; that there shall be no openings in the walls of the accessory building to adjacent property; that elsewhere on the interior lot lines there shall be erected a brick wall not less than 8 ft. in height; that the entire plot where not occupied by accessory building and wall shall be cement-paved; that the accessory building shall be constructed of fire-proof materials except that the roof beams, roof boarding, exterior doors and door frames, windows and window frames may be of wood, provided the ceiling is fire-retarded in accordance with the Rules of the Board of Standards and Appeals and the roof surfacing is of non-inflammable material; that the opening to the greasing section shall remain open; that there shall be no open excavation under accessory building excepting pits for the greasing racks; that the exterior of the accessory building and wall shall be of face brick with walls and parapets properly coped with stone and terra cotta; that all pumps erected shall be at least 15 ft. back from the building line; that there shall be erected along the street building line a reinforced concrete curb not less than 12 in. in width and not less than 5 in. in height with rounded top and with not over four (4) openings therein, each opening not to exceed 35 ft. in width and with curb cuts opposite not exceeding 40 ft. in width; that no automobile repairing shall be permitted on these premises and no parking of cars except those being serviced; that no portable gasoline pumps shall be used on or from the premises; that advertising shall be limited to the illuminated globes of the pumps and

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to two (2) post standards erected within the building line, one toward the northerly end and one toward the southerly end, which post standards may carry an illuminated sign extended beyond the building line not more than 8 ft. and advertising only the brand of gasoline on sale and excluding all other signs of a temporary nature or permanent nature; that prior to filing plans with the commissioner of buildings, plans shall be filed with this board and approved by the chairman in behalf of the board; that within the bed of the closed 87th drive there shall be no permanent construction other than as herein permitted; *that this variation shall continue only until such time as 87th drive is continued through to Queens boulevard*; and that all permits shall be obtained within six months and all work shall be completed within one year from the date of this action.

195-35-BZ.

APPLICANT—Matthew W. DelGaudio, for Bridget T. Delaney and Richard Delaney, owners.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2369-2371 Jerome avenue and 2-8 West 184th street, southwest corner Block No. 3198, Lot No. 77), The Bronx.

APPEARANCES—

For Applicant: Matthew W. DelGaudio.

For Opposition: Max Schorr and Raymond J. Knoepfel.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(195-35-BZ)

WHEREAS, Matthew W. Del Gaudio, for Bridget T. Delaney and Richard Delaney, owners, filed July 11, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises 2369-2371 Jerome avenue, 2-8 West 184th street, southwest corner (Block No. 3198, Lot No. 77), The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolutions show that Jerome avenue is in a business district; that West 184th street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 24, 1935, re N. B. Applic. No. 160-1935, reads:

"1. Proposed erection of gasoline service station in a business district is contrary to the provisions of the Building Zone Resolution"; and

WHEREAS, the premises consist of a plot of ground having a frontage of 60 ft. on Jerome avenue and 100 ft. on West 184th street, upon which it is proposed to erect a one-story office, lubritorium and auto laundry structure 60 ft. by 25 ft. in area and also the necessary tanks and pumps for a gasoline service structure. Proposes to demolish the structures now on the site; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE.

October 21, 1935.

Cal. No. 195-35-BZ.

Premises—2369-2371 Jerome avenue, southwest corner West 184th street, The Bronx

The plot for which a zoning variance is desired to permit the erection and occupancy as a gasoline station, has a frontage of 60 ft. on Jerome avenue and a depth along West 184th street of 100 ft. It is located in a business area adjoining a residence area to the west. The owners of private houses in this residential area are solidly in objection and other owners along Jerome avenue in the business area also object. This particular block has been subject to a number of appeals to this board and three have been subject to court review in which the board has either been sustained in the denial of the application or reversed in their action to grant. The last application across the street was denied and although taken to court the action was withdrawn. There is now pending an application directly across Jerome avenue for a gasoline station involving the removal in part of a one-story store building.

It is clearly indicated in the determination of the board in the cases that have been heard and those reviewed by the court that variations to permit gasoline stations and garages should not extend further northerly than those already granted or in existence. On this corner under appeal there now exists a three-story store and residence building, acquired by the present owners some years ago in exchange. Judging from the assessed valuation of \$30,000 which is probably high, there is no equity above the mortgage, the holder of which threatens foreclosure. The building is occupied but does not pay enough to equal carrying charges and interest and it is expected that to remove the building and substitute a gasoline station, carrying charges would be earned and in addition enough to restore the equity formerly figured at \$25,000 above the mortgage of \$26,000. Adjoining owners claim that to give this owner the advantage of retrieving his losses to their detriment would be unfair. All the business property in the area appears to be in difficulty. Contrary to the applicant's claim, the committee is of the opinion that the proposed gasoline station would not improve but would injure the neighborhood and that, in fairness to all, the application should not be entertained. The courts have repeatedly ruled that it is not a sufficient ground to grant a zoning variance that a non-conforming use would be more profitable than a conforming use. This is the situation here. This owner's building is old and out of date. Others similarly located on other corners are also in that condition. All are suffering from conditions which the board cannot cure by helping one at the expense of others.

It should be noted also that a petition was denied by the Board of Estimate and Apportionment in 1932 to rezone the interior lots of this block from business to unrestricted use. While if granted, this rezoning would not have affected the lot under appeal, the denial clearly indicates that the Board of Estimate and Apportionment held the opinion that the entire block should be used as zoned. The committee recommends that this application be denied.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee.

and

WHEREAS, this report recommended the denial of this application, and the board deemed that the applicant had failed to substantiate the basis of his application under section 21, hardship.

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Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and the application be and it hereby is *denied*.

321-20-BZ.

APPLICANT—Adolph Goldberg, for Ridgewood Park Realty Company, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit the remodeling of the exterior (front elevation), of a building previously granted by the board, for a motor vehicle repair shop.

PREMISES AFFECTED—1753-1755 Bedford avenue, east side, 19 ft. 8 in. south of Empire boulevard (Block No. 1314, Lot No 8), Brooklyn.

APPEARANCES—

For Applicant: Adolph Goldberg.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(321-20-BZ)

WHEREAS, this application affecting premises 1753-55 Bedford avenue (Block No. 1314, Lot No. 8), Borough of Brooklyn, was granted by the board June 8, 1920, permitting the maintenance in a business use district of a motor vehicle repair shop; and

WHEREAS, the owner, through his architect, Adolph Goldberg, requested permission to remodel the exterior front elevation of the building; and

WHEREAS, these premises were inspected by a committee of the board on October 17, 1935, and a verbal report of same made by chairman at this hearing, to the effect that the committee recommends that the previous resolution be amended, to permit the proposed alteration, which, in their opinion, would be a better condition than at present, without increasing or affecting the use permitted by the resolution of the board in granting zone variance, for which applicant submitted to board copy of permit issued by bureau of combustibles of fire department.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on June 8, 1920, by adding thereto the following paragraph:

"in the event the owner desires to remodel the front portion of the building as indicated on plans marked 'Received October 10, 1935,' that such alterations may be permitted, *on condition* that the building is not increased in height and the occupancy is not extended beyond that permitted under the resolution of the board adopted June 8, 1920; and that such signs as are erected shall be as indicated on the plans."

302-29-BZ.

APPLICANT—Conroy and Hardy, for John Sklar Holding Co., Inc., owner

SUBJECT—Application for reopening—extension of time—re Application (re decision of the superintendent of buildings), under section 21 of the building zone resolution, permitting partly in a residence district and partly in a business district the erection and maintenance of a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—146-156 East 98th street, northwest corner of Winthrop street (Block No. 4614, Lot No. 38), Brooklyn.

APPEARANCES—

For Applicant: R. S. Hardy.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(302-29-BZ)

WHEREAS, this application affecting premises 146-156 East 98th street, northwest corner of Winthrop street (Block No. 4614, Lot No. 38), Borough of Brooklyn, was granted by the board, July 26, 1929, on certain conditions and time extended from time to time and applicant requests a further extension.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of July 26, 1929, only so far as it has reference to obtaining permits and completion of the work, so that as amended it shall read:

"that all plans shall be filed with and approved by the commissioner of buildings within six months from the date of this amended resolution and all work shall be completed within six months from the date of this amended resolution, *on condition* that other than as amended herein, the resolution adopted by the board on July 26, 1929, shall be complied with in all respects."

216-33-BZ.

APPLICANT—M. M. & L Realty Co., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2414-2420 Flatbush ave., southwest corner Avenue T (Block No. 8542, Lot No. 41), Borough of Brooklyn.

APPEARANCES—

For Applicant: James Ward.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(216-33-BZ)

WHEREAS, this application affecting premises 2414-2420 Flatbush avenue, southwest corner of Avenue T (Block No. 8542, Lot No. 41), Borough of Brooklyn, was granted by the board December 5, 1933, on certain conditions and the time limit set in these conditions having expired, the owner

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requested a reopening of the case and extension of time; and

WHEREAS, this application was reopened by vote of the board January 8, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting January 29, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the board extended the time to complete the work on January 29, 1935, and applicant requested a further extension.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution of December 5, 1933, in view of statement by owner of property in question that all plans have been filed and approvals thereof received, that all work shall be completed within one year from the date of this amended resolution, *on condition* that other than as amended herein, the resolution adopted by the board on December 5, 1933, shall be complied with in all respects.

73-35-BZ.

APPLICANT—Max Hausle, for Mary Entenmann, owner.
SUBJECT—Application for reopening—amendment—re Ap-

plication (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district on a plot of ground, on the northerly portion of which there exists a garage for more than five (5) motor vehicles, the alteration of the front portion of the garage for a gasoline service station which extends to the vacant (southerly) portion of plot and also the alteration of the rear portion of the garage into a motor vehicle repair shop.

PREMISES AFFECTED—1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Joseph Diefenbach.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(73-35-BZ)

WHEREAS, this application affecting premises 1166 Castle Hill avenue, northeast corner of Powell avenue (Block No. 3820, Lot No. 1), Borough of The Bronx, was granted by the board, June 25, 1935, on certain conditions and applicant requests an amendment of the resolution.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* its resolution adopted on June 25, 1935, by omitting the plans marked "Received June 21, 1935," and substituting therefor plans marked "Received August 20, 1935," and that all plans shall be filed and approved by the commissioner of buildings within six months and all work completed within one year from the date of this amended resolution; and on further condition that the area between the curb at the building line on Castle Hill avenue and the inner curb shall be filled in with concrete for the height of the curb; and that there shall be erected along this curb between the driveway to Castle Hill avenue and the driveway to Powell avenue, a fence similar to the fence indicated to be erected on Powell avenue east of the entrance.

APPEALS FROM ADMINISTRATIVE ORDERS

14-35-A.

APPELLANT—Marvel Bleach & Chemical Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

APPEARANCES—

For Appellant: B. J. Nova.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Laid over to October 29, 1935, at 2 p. m., for further consideration.

261-35-A.

APPELLANT—Madeleine T. Flannery, owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—6902-6912 4th avenue, southwest corner Bay Ridge avenue (Block No. 5872, Lot No. 42), Borough of Brooklyn.

APPEARANCES—

For Appellant: Madeleine T. Flannery.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief Kid-
ney 4
Negative 0
Absent 0

THE RESOLUTION—

(261-35-A)

WHEREAS, Madeleine T. Flannery, owner, filed September 3, 1935, an appeal from an order and a decision of the fire commissioner, affecting premises 6902-6912 4th avenue, southwest corner of Bay Ridge avenue (Block No. 5872, Lot No. 42), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner, dated April 25, 1935, Order No. 66190-LC, reads:

"Remove all gasoline from the underground gasoline storage tanks, dismantle pumps, and permanently close and seal the inlet and the outlet openings of the two underground gasoline storage tanks for the reason that the maintenance of a storage garage at this location is a violation of Section 151, Subdivision C, Chapter 10, Code of Ordinances, New York, which states that no permit for a storage garage shall be issued for any building shed or enclosure where dry goods or other inflammable materials are manufactured or kept for sale. Subdivision D, of Section 151, Chapter 10, Code of Ordinances, New York, states that no permit for a storage garage shall be issued for any shed or enclosure where explosives are stored or kept for sale. (Retail drug store).";

WHEREAS, the decision of the fire commissioner, dated August 23, 1935, reads:

"In reply to your request stating that you are unable to appeal the requirements of Order No. 66190-LC due to the fact that the Board of Standards and Appeals will not accept an appeal for the reason that the time limit 30 days had elapsed and request re-issuance of the above order.

"You are advised that the order cannot be re-issued. Therefore, request is denied.";

and

WHEREAS, the building is of fireproof construction, 2 stories in height, 99 ft. 11 $\frac{3}{8}$ in. by 89 ft. in area; OCCUPIED: cellar, storage; 1st and 2nd stories, storage garage for more than 5 cars with drug store on 1st story; located within a business district; and

WHEREAS, the applicant claims the building was erected under Cal. No. 390-19-BZ, granted by the board; reopened

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and amended to install a store at the northeast corner of the building which was granted by the board October 30, 1934; certificate of occupancy for store and garage issued January 2, 1935; furthermore, the applicant contends that the order does not apply, as there are no dry goods or other material of a similar nature that are highly inflammable on the premises; the owner has complied with the requirements of the last resolution of the board; the commissioner of buildings has approved the alteration for stores in accordance with the resolution; there are no openings between the garage and the drug store, each have an independent entrance from the street; the retail drug store is a conforming use; there is no undue hazard on the premises since no explosives are stored, and only small quantities of chemicals are handled in the drug store.

Resolved, that the order of the fire commissioner, No. 66190-LC, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the building to be used as a storage garage, *on condition* that the premises are maintained in accordance with the resolutions of the board granted in connection with these premises, under Cal. No. 390-19-BZ and resolution dated June 26, 1919, as amended by resolution of October 30, 1934; *on further condition* that in the event the store permitted in the building at the corner of Fourth avenue and Bay Ridge avenue is used as a retail drug store, that all merchandise considered hazardous by the bureau of combustibles shall be offered for sale in their original packages as prepared for retail sale or if in bulk shall be limited to such quantities and kept in such containers as the bureau of combustibles may require; that such combustible materials shall comply with the requirements of article 25, chapter 10, section 291 of the code of ordinances; that no other portion of the building shall be used for store purposes; and *granted* only so long as conditions as set forth herein and under resolution adopted in Calendar No. 390-19-BZ, as amended, are maintained and complied with.

224-35-A.

APPELLANT—Oscar Goldschlag, for Salient Chemical Works, lessee.

SUBJECT—Appeal from an order of the fire commissioner.
PREMISES AFFECTED—107 Greene street, east side, 140 ft. 11 in. south of Prince street (Block No. 500, Lot No. 25), Manhattan.

APPEARANCES—

For Appellant: Oscar Goldschlag.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(224-35-A)

WHEREAS, Oscar Goldschlag, for Salient Chemical Works, lessee, filed August 20, 1935, an appeal from an order of the fire commissioner affecting premises 107 Greene street, east side, 140.11 ft. south of Prince street (Block No. 500, Lot No. 25), Borough of Manhattan; and

WHEREAS, the order of the fire commissioner, dated August 1, 1935, Order No. 5779-LC, reads:

"Replying to your favor of July 10, 1935, we are forwarding this letter with the information that the fire department will no longer rescind an order and re-issue it so that an applicant may take the case before the Board of Standards and Appeals when he has exceeded the time limit in which to file the appeal. We are, therefore, forwarding this communication, as we have been advised that the Board of Standards and

Appeals will accept a letter from this department, which will certify that Order No. 5779-LC was issued against the manufacture of an inflammable mixture on April 18, 1935, and read as follows:

"3. Equip mixing compartment with self-closing fire-proof doors and windows, Sec. 131-8, Chap. 10, Code of Ordinances.

"4. Equip compartment in which the mixing tank is located with a ventilating flue constructed of brick or concrete lined with tiled pipe at least 8 in. square, inside measurements and extending from the floor of the compartment at a point opposite the door to at least six ft. above the highest point of the roof, and at least ten ft. from the nearest wall of any adjoining building. Such flue shall have an opening in the mixing compartment six in. square three in. above the floor and shall be equipped with a double gooseneck 8 in. square, made of at least 18 gauge galvanized iron, Sec. 131-15, Chap. 10, Code of Ordinances."

and

WHEREAS, the building is non-fireproof, 2 stories and cellar in height, 24 ft. 10 in. by 83 ft. in area; OCCUPIED: cellar, manufacturing, 2 persons; 1st and 2nd stories, office, shipping and storage, 10 persons each story; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1916, certificate of occupancy issued March 22, 1935, permitting: cellar, storage, no occupancy; 1st and 2nd stories, office and storage, 20 persons each story; that as to item 3, of the order, the mixing compartment at the rear of cellar is enclosed in brick walls, the ceiling is fire retarded (metal lath and Portland cement plaster), the one doorway to open cellar is provided with an underwriters fire-proof self-closing sliding door, the windows opening to yard are equipped with steel shutters; as to item 4, applicant is willing to erect a galvanized metal ventilating flue instead of brick if deemed necessary, as there are windows ventilating this space and will otherwise comply with the requirements of the order; the inflammable mixture manufactured consists of shellac, denatured alcohol, butyl acetate, and toluol or benzol, not more than a total of 25 gallons will be mixed at any time; all ingredients are kept in air tight metal drums; furthermore, the applicant contends that it would be a great hardship if compelled to build the ventilating flue with brick.

Resolved, that the order of the commissioner of buildings, No. 5779-LC, be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that the storage of inflammable material and mixing and repackaging shall be done in the room, as indicated on plans filed with this appeal, in the cellar of the building at the rear; that this portion of the building shall be separated from the balance of the floor by an 8-inch brick wall with approved underwriters self-closing sliding door and the ceiling fire-retarded in accordance with the rules of the Board of Standards and Appeals; that there shall at no times be more than one 50-gallon drum of each of the following ingredients, namely: shellac, denatured alcohol, butyl acetate and toluol or benzol; that there shall be not more than 25 gallons of sizing made from this material mixed at any one time and that this material shall be mixed in a covered tank with a mixing mechanism operated by an approved spark proof motor; that the windows opening upon rear, shown on plan as having metal shutters, shall be changed to fire-proof, self-closing, glazed with wire glass; that such auxiliary fire-fighting appliances shall be installed as the commissioner shall direct; and granted so long as the building is not increased in height or occupancy and complies otherwise with all laws, ordinances and regulations applicable thereto.

272-35-A.

APPLICANT—Churray Corporation, owner.

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SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—151-20 Jamaica avenue, southwest corner of 152nd street (Block No. 1045, Lot No. 8), Jamaica, Borough of Queens.

APPEARANCES—

For Appellant: Leonard Lazarus.

For Administration: Inspectors Maher and George Blaurer, of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(272-35-A)

WHEREAS, Churray Corporation, owner, filed October 7, 1935, an appeal from an order and a decision of the commissioner of buildings, affecting premises 151-20 Jamaica avenue, southwest corner 152nd street (Block No. 1045, Lot No. 8), Jamaica, Borough of Queens; and

WHEREAS, the order of the commissioner of buildings, Fire Prevention No. 361-1934, dated December 12, 1934, reads:

"You will please take notice that there exists a violation of the Building Code at the premises herein-after described, in that you must 'Provide telegraphic communication with the Fire Department Headquarters, as per Sec. 20, Ch. 12, Code of Ordinances.'";

and

WHEREAS, the decision of the commissioner of buildings, dated September 19, 1935, reads as follows:

"In reply to your letter of September 16, 1935, would state that I am enclosing a copy of the violation dated December 12, 1934, covering installation of telegraphic communication with Fire Headquarters at above premises.

"For your further information would state that as the said violation is still in force on this date, an appeal from my order may be made to the Board of Standards and Appeals.";

and

WHEREAS, the building is non-fireproof, 2 stories and cellar (30 ft.) in height, 82 ft. by 137 ft. in area; OCCUPIED as a retail department store—Cellar—10 persons; 1st story, 20 persons; 2nd story—2 persons; located partly in a business district and partly in an unrestricted district; and

WHEREAS, the appellant claims the building was erected in 1930, certificate of occupancy issued in 1931, for use as a department store, 75 persons each story; the building is equipped with two standpipe lines, with 75 ft. of hose at each outlet in cellar, 1st and 2nd stories; a complete interior fire alarm system; a regular fire alarm box is located across the street, 90 ft. from the premises in question; there are four large interior stairways extending from cellar to top story, one stairway extends to the roof; the front and sides of 2nd story are constructed mainly of plate glass windows, the rear opens upon a large adjoining roof; a night watchman is maintained on the premises at all times; furthermore, the applicant contends that the building is provided with ample fire protection; that there is no existing fire hazard on the premises; and that to enforce the order would create an unnecessary hardship upon the owner.

Resolved, that the order of the commissioner of buildings, Fire Prevention No. 361-1934, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, waiving the requirements for telegraphic communication with fire department headquarters, *on condition* that the fire alarm system shall be maintained at all times in proper working order; that the standpipe system shall also be so maintained and that the building shall comply with all laws;

rules and regulations applicable thereto, except as modified herein; that such additional auxiliary fire-fighting appliances shall be installed as the commissioner shall direct, and *granted* only so long as the fire alarm box located at the opposite corner of 152nd street and Jamaica avenue be maintained; and the building not increased in height or area.

285-35-A.

APPELLANT—Croker Fire Prevention Corp., for Minedd Realty Corp., owner.

SUBJECT—Appeal from an order of the tenement house commissioner.

PREMISES AFFECTED—120 Riverside drive and 359 West 84th street, northeast corner (Block No. 1246, Lot No. 7), Manhattan.

APPEARANCES—

For Appellant—Sidney L. Straus.

For Administration: Inspector Mahoney, of tenement house department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE TO ACCEPT APPEAL—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(285-35-A)

WHEREAS, Croker Fire Prevention Corp., for Minedd Realty Corp., owner, filed October 16, 1935, an appeal from an order of the tenement house commissioner affecting premises 120 Riverside drive and 359 West 84th street, northeast corner (Block No. 1246, Lot No. 7), Borough of Manhattan; and

WHEREAS, the order of the tenement house commissioner, dated June 14, 1935, reads:

Item 26-A. A gravity tank reserve water supply of at least 2500 gallons for the Stand Pipe Fire line use, sufficiently elevated to give a hydrostatic pressure of at least 5 pounds at the highest hose valve under the main roof is not provided.

The present gravity tank located on roof in the bulkhead supplies both stand pipe fire line and house water supply.

The capacity of which is 2812 gallons.

The bottom of tank to the highest hose valve is 4 ft. 7 in.

Note: Before work is started plans and application must be filed with the department of buildings.

and

WHEREAS, the building is fireproof, 9 stories in height (107 ft. 4 in.) 71 ft. by 52 ft. 2 in. in area; OCCUPIED as a "Class A" multiple dwelling, two apartments each story; and

WHEREAS, the applicant claims the building was erected in 1899, equipped with a standpipe system fed from a 2812 gallon house supply gravity tank, the bottom of which is 4 ft. 7 in. above the highest hose outlet; it is proposed to rearrange the pipe connections to the existing gravity tank so as to provide a reserve of 2500 gallons solely for standpipe purposes, and also to equip the hose (at highest outlets) with ½ in. nozzles; furthermore, the applicant contends that the existing standpipe system conforms in all respects with the requirements of law except as to height of tank above the highest hose outlets.

Resolved, that the order of the tenement house commissioner be and it hereby is *modified*, and that the appeal be

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and it hereby is *granted*, permitting the standpipe gravity tank to remain in its present position, *on condition* that it is not less than 4 ft. 7 in. above the highest hose outlet, that there shall at all times be reserved not less than 2500 gallons of water for standpipe purposes only; that house supply shall be taken through the outside of the tank above the 2500 gallon mark; that the hose nozzles on the top floor shall be changed to $\frac{1}{2}$ inch diameter; that other than as modified herein, the standpipe system shall comply in all respects with the requirements of Rule 91 of the Standpipe Fire-Line Rules of the Board of Standards and Appeals; and *granted* only so long as the building is continued as a Class "A" multiple dwelling.

88-33-A.

APPELLANT—William F. Regan, for Eugene H. Carroll, lessee.

SUBJECT—Application for reopening—amendment—re Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—North side of Second avenue, 2311.7 north from the corner of Second avenue and 36th street (Block No. 662, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: William F. Regan, Eugene H. Carroll.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(88-33-A)

WHEREAS, Eugene H. Carroll, lessee, filed, March 2, 1933, an appeal from a decision of the fire commissioner, affecting premises north side of Second avenue, 2,311.7 ft. north from the corner of Second avenue and 36th street (Block No. 662, part of Lot No. 1), Borough of Brooklyn; and

WHEREAS, the decision of the fire commissioner, rendered February 28, 1933 (re Plan No. 19-33), reads:

"1. All storage tanks comprising or forming a part of an oil storage plant shall be buried so that the tops thereof shall be at least two feet below the grade level as per Art. 8, Sec. 111, sub-div. 5, of Ch. 10, C. of O."; and

WHEREAS, the premises consist of an unimproved plot of ground, located on a filled in pier, upon which an oil storage plant is proposed to be erected, within an unrestricted use district; and

WHEREAS, the appellant proposes to install four upright cylindrical steel tanks above ground level, 150,000 gallons capacity each, for the storage of gasoline, erect a one-story foamite building and a pump room; each tank will be erected in a reinforced concrete basin which will hold one and one-half times the capacity of the tank in addition to the space occupied by the tank: the tanks will be equipped with foamite or other approved fire extinguishing system; the premises are practically surrounded by water, the ground is filled in mainly with ashes, the tide comes within 2 ft. of the surface, rendering it impractical to bury the tanks below ground level: furthermore, the appellant contends the fire boat station is close by, otherwise buildings are considerable distance away; and

WHEREAS, this appeal was granted by the board June 6, 1933, the following resolution being adopted:

"Resolved, that the decision of the fire commissioner be and it hereby is *modified* and the appeal be and it hereby is *granted on condition* that the plant shall be constructed substantially as shown on the plans filed with this appeal marked 'Received on March 2, 1933,' except that there shall be a distance of 125 ft. in clear space not built upon for the full width between the bulkhead line and the most northerly dike around the storage tanks Nos. 3 and 4; that from the loading rack shown on the southerly end there shall be maintained an open space not built upon for the full width of at least 125 ft. from that point southerly to any existing or future building; that the concrete dikes shall be constructed of reinforced concrete and made proof against seepage of gasoline through the floor or walls thereof; that expansion joints shall be provided in the dyke walls approximately every 25 ft., these expansion joints to be made proof against leakage and protected with metal strips at least 6 in. in width and at least $\frac{1}{2}$ inch thickness for the entire height of the joint; that each dike enclosure shall have a capacity of one and one-half times the capacity of the steel tank erected therein; that the structure shall be constructed so as to eliminate the possibility of settlement or cracking of the dyke enclosure; that the tanks may be 30 ft. in diameter by 30 ft. in height instead of 42 ft. in height, as shown, in which case the maximum capacity shall not exceed 160,000 gallons of gasoline; that the entire plant shall be equipped with duplicate foamite fire-extinguishing equipment, each to be located on the southerly end of the area not less than 100 ft. from the tanks and installed in a fireproof enclosure; these duplicate systems to be at least 100 ft. apart and each to have in a separate near-by fireproof enclosure a pumping equipment adequate to control with sufficient supply of foamite any fire that may occur; that such additional auxiliary fire-fighting equipment shall be installed as may be required; that all permits shall be obtained within three months and all work completed within one year from the date of this resolution.";

and

WHEREAS, the time to complete the work has been extended to nine months from September 17, 1935; and

WHEREAS, the lessee requested an amendment of the resolution to permit the installation of a gasoline storage tank.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* resolution adopted by the board on June 6, 1933, by adding thereto the following paragraph:

"that in the event the owner desires to use the tanks herein permitted for fuel oil, there may be installed in addition, a gasoline storage tank with a capacity of not more than 14,000 gallons, located as shown on plan marked 'Received June 26, 1935,' this tank shall not exceed 7 ft. in diameter and shall be buried approximately 6 ft. below the grade of the dock: that above the tank shall be solid earth fill so that at all points the tank is covered with earth fill for a distance of not less than 2 ft. that in connection with this tank, approved gasoline pump may be installed for servicing trucks."

APPLIANCES SUBMITTED FOR APPROVAL.

274-35-SA.

APPLICANT—Hofman Heating Equipment Co., owner.

SUBJECT—Econ-O-Matic Fuel Oil Burner, Model 41, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve calendar, and referred to engineer of board and bureau of combustibles, fire department, for test and report.

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233-35-SA.

APPLICANT—Odin Stove Manufacturing Co., owner.
SUBJECT—Odin Beautyheater (space heater), Models 61-62-91-92—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(233-35-SA)

WHEREAS, Odin Stove Manufacturing Company, owners, filed September 4, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Odin Beautyheater (Space Heater), Models 61, 62, 91, 92; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This heater comes in four different sizes, namely, Model No. 91, which is a single burner unit, having a 9-inch burner and a 3-gallon tank; Model No. 92 consists of two 9-inch burners and a 3-gallon tank; Model No. 61 has a one 6-inch burner unit and a 3-gallon tank; Model No. 62 consists of two 6-inch burners and a 3-gallon tank.

The burner units consist of A, B, C range burner assembly units which have already been passed by the Board of Standards and Appeals under Calendar 250-34-SA. Copper tubing is protected by asbestos covering where it enters the bottom of the cabinet. Allen set screws are used throughout for fastening burners and oil reservoir in place. The oil is metered by "V" slot type metering valves manufactured by the Wooster Taper Pin Company.

Each leg of the cabinet is equipped with the necessary levelling screws. These cabinet heaters are equipped with a double air spaced baffle between the outer shell of the cabinet and the oil supply tank.

The burners were operated for approximately 70 minutes and the devices used in their operation and construction functioned as designed.

In recommending this burner for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction cards, and that this approval be not final until a copy of said instruction card has been filed with the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby approve the devices known as the Odin Beautyheater (Space Heater), Models 61, 62, 91 and 92, for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. Only approved safety cans shall be used for the storage and filling of oil containers.
2. Floor beneath oil burner device shall be protected by a shield of at least ½ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the boiler in which the device is installed.

3. The burner shall be connected to a legal chimney and the flue shall be provided with a suitable stack check to nullify down draft.
4. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
UNDER CAL. No. 233-35-SA.

Only an Approved Safety Can Shall Be Used In
Filling This Storage Container.

5. The manufacturer or installer of this burner, shall, within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
6. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

236-35-SA.

APPLICANT—Burner-Parts and Service Corp., owner.
SUBJECT—Penn Rotary Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(236-35-SA)

WHEREAS, Burner Parts and Service Corporation, owner, filed September 7, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Penn Rotary Oil Burner; and

WHEREAS, the device was submitted to the engineer of board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the mechanical draft rotary type and the oil burning unit consists of the following assembly.

A Janette 1/30 H.P. motor which is directly coupled to a six-bladed fan, on the top of which is mounted a spinner cup and cap. Below the motor, there is located an oil regulating valve manufactured by the Burner-Parts and Service Corp. On either side of the oil regulating valve is mounted two magnetic valves, one of which controls the oil delivery to the burner, the other, regulating the flow of gas to the gas pilot line.

The second magnetic valve, namely, the gas valve, shuts off the supply of oil in case of failure of the gas pilot line. This burner also may be equipped with electrical ignition, in which case, magnetic valve operates in case of spark failure. The burner is designed for a gravity feed and a Detroit lubricating constant level valve is used for maintaining the level of the oil supply to the burner.

IGNITION: Gas and electric

When electric ignition is desired, the burner is equipped with a Webster transformer and a set of nichrome ignitors.

CONTROLS: Mercoid Pyatherm, Model KMI and a Mercoid Pressurestat.

With the oil supply shut off and a cold combustion

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chamber, the burner was operated and on two successive tests the safety control shut the burner down in 66 and 65 seconds, respectively. The oil supply was then turned on and the controls tested under actual operating conditions. At no time during the test, which lasted approximately 70 minutes was there any puff back due to faulty ignition. The flame was clear, unfluctuating and free from soot and smoke. Examination of the combustion chamber showed no undue carbon deposits.

As a result of this inspection and test, it is recommended that the Penn Rotary Oil Burner be approved for domestic and commercial uses when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals, July 12, 1935.

Resolved, that the Board of Standards and Appeals does hereby approve the device known as Penn Rotary Oil Burner, for domestic and commercial installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier than No. 2, on condition that there shall be permanently attached to each burner installed a label reading:

NOTICE
Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 236-35-SA.

Adjourned, 4:20 p. m.
EDWARD V. BARTON, Chief Clerk.

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

Name of Burner	Calendar No.	Name of Burner	Calendar No.
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Water Heater Assembly.....	250-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Aetna Range Oil Burner	29-35-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Air-O-Flame Range Burner.....	236-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	National Range Oil Burner.....	361-34-SA
Bland Range Oil Burner	234-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	Odin Beauty (Space Heater), Models 61, 62, 91 and 92.....	233-35-SA
Champion Range Oil Burner, Models A and B	291-34-SA	Putnam Range Oil Burner	54-35-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Quaker Burnoil Stove	11-31-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	Quick Meal Range Burner.....	304-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fairfax Range Burner	302-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Florence Oil Space Heater, Models PH-28 and PH-8	172-35-SA	Silent Glow Range Oil Burner.....	172-34-SA
Florence Range Burners.....	219-34-SA	Silent Heet Oil Burner for Ranges and Stoves	592-32-SA
Fox Range Oil Burner.....	200-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Hi-Heat Range Burner; Models A and DeLux	323-34-SA	Superfex Oil Burning Heater and Heat Projector, Model No. 1051	491-31-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Tower Range Oil Burner	126-33-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Vap-R-Oil Oil Burner for Ranges and Stoves	592-32-SA
Kolrid Range Burner.....	48-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA
Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA	Viking Range Water Heater, Models 222, 232 and 242	65-35-SA
Loyalty Range Burner	302-34-SA		

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

RULES

"STANDPIPE"-FIRELINE" RULES ADOPTED JUNE 27, 1922; AMENDED MAY 18, 1928;
JUNE 13, 1930; DECEMBER 2, 1930, and JANUARY 9, 1931.

[281-22-SR]

NOTE—In republishing these Rules, no corrections have been made as to departmental jurisdiction, as such may be affected by the McCall Bill known as Chapter 764 of the Laws of 1933.

Rule 1. PLANS. A preliminary set of paper plans and cross sections, drawn clearly and distinctly, to a scale of $\frac{1}{4}$ -inch or, by permission of the Fire Commissioner, $\frac{1}{8}$ -inch to the foot, for each proposed standpipe (fire line) installation or alteration, shall be submitted to and approved by the Fire Commissioner before the work in connection with the installation is started. Such preliminary plans shall show the size and location of the standpipe (fire line) risers, size and location of siamese and cross-connections, valves, tanks and connections, pumps, hose stations, lengths of hose, etc., and the location of stairways and enclosing partitions in relation to the standpipe risers and hose stations. From these approved preliminary plans, three sets of plans on cloth, in clean and clear detail, shall be filed for final approval by the Fire Commissioner. A certified copy of approved plans shall be forwarded to the Bureau of Buildings by the Bureau of Fire Prevention. Such application and specification forms as may be prescribed by the Fire Commissioner shall accompany preliminary plans. If an automatic sprinkler system is provided throughout the building or in any portion of the building, the plans shall include a note to that effect.

Rule 2. APPROVAL. Before acceptance all standpipe (fire lines) shall be tested, for at least one hour, under a hydrostatic pressure of not less than 300 pounds per square inch at the street siamese, and at each pump supply level, or such additional pressures as may be required to give 100 pounds at the highest hose outlet supplied by such pump, except that when a change is made in a source of supply, or minor changes are made in an existing equipment previously approved, the system shall be tested to a pressure sufficient to give 50 lbs. per sq. in. at the highest story hose outlet. These tests to be made in the presence of a representative of the Fire Prevention Bureau.

No valves, risers, or other material portions of any standpipe (fire lines) equipment shall be covered or permanently concealed until tested and approved, in writing, by the Bureau of Fire Prevention.

When entirely completed in accordance with the approved plans, and as per test herein provided for, application shall be made to the Bureau of Fire Prevention for inspection of the completed installation. When the standpipe equipment is approved, the applicant will be so advised, in writing, by the Bureau of Fire Prevention.

When deemed necessary by the Fire Commissioner, sectional diagrams of the standpipe (fire line) equipment in buildings of large area or height, not more than three in number and printed on cloth in size not less than $8\frac{1}{2}$ x 11 in., shall be filed by the applicant for the use of fire companies in the district in which the premises are located.

Rule 3. STANDPIPE-FIRE LINE CERTIFICATE.

There shall be an engineer, superintendent or other person in charge of the standpipe-fire line system in all buildings exceeding eighty-five feet in height who shall be registered, and submit to an examination in the Fire Department. Upon evidence of fitness to properly operate and maintain the standpipe system he shall be granted a Certificate to that effect. The certificate shall contain the full name and a small photograph of the holder.

Day and night service shall be maintained in all buildings exceeding 250 feet in height in which there is a fire pump.

Theatre buildings provided with fire pumps shall have at least one certified operator on duty during every performance. Buildings of large areas, industrial plants, amuse-

ment parks, etc., shall have at least one certified operator on duty when deemed necessary by the fire commissioner.

Rule 4. MONTHLY INSPECTION. All valves, hose, tools and other auxiliary fire appliances shall be kept in perfect working order, and at least once a month the person holding certificate of fitness shall make a thorough inspection of all the fire appliances to see that they are in perfect working order and ready for immediate use by the Fire Department. Fire pumps shall be tested every 30 days by the person holding the certificate of fitness.

He shall also instruct all employees under his charge in the use and practice of all auxiliary fire appliances. A detailed record of each inspection shall be kept on the premises for examination by a representative of the Fire Department.

All standpipe equipment in buildings exceeding 85 feet in height shall be subjected, on order of the Fire Department but at least once every two years, to a pressure test of fifty pounds in excess of the pressure due to the water in the standpipe. This test to be applied to the standpipe and fittings in such manner as to prove their suitability for the use of the Fire Department; there shall also be such flow tests as to prove the standpipe, line valves, check valves and siamese connections are free from obstruction and are workable. These tests to be conducted by a representative of the owner of the premises, at the owner's risk, who shall notify the Fire Department at least forty-eight hours prior to the time of conducting the test.

Rule 5. APPROVED DEVICES. All devices approved for use in new standpipe fire line equipments shall bear the manufacturer's name and the date of and the number of the approval. Certified copies of the approval, working drawings and photographs of the device approved, shall be submitted to the administrative authority having jurisdiction for preservation as records and reference data.

Rule 6. ELEVATOR IN READINESS. In every building exceeding 150 feet in height at least one passenger elevator and in buildings in course of construction a hoist or elevator shall be kept in readiness for immediate use by the Fire Department during all hours of the night and day, including holidays and Sundays, and a man competent to operate the elevator shall be present at all times.

Rule 7. AREA OF BUILDINGS. For the application of Section 581 of Chapter 5 of the Code of Ordinances the area of a building shall be taken as the area within the exterior walls, or the area between fire walls.

When the fire walls are constructed in accordance with Section 371, Chapter 5 of the Code of Ordinances, and all openings are protected on both sides of fire wall or walls with automatic fireproof self-closing doors, the area within such fire walls or exterior walls and a fire wall, shall be considered a separate building.

Rule 8. HEIGHT. The term "height" as applied to a building or structure, as described in Chapter 5, Code of Ordinances, means the vertical distance measured in a straight line from the curb level, to the highest point of the roof beams in the case of flat roofs, and to the average height of gable in case of roofs having a pitch of more than 20 degrees with a horizontal plane.

Rule 9. STANDPIPE EQUIPMENT shall consist of a system of piping connected to one or more approved sources of water supply and provided with sufficient number of hose outlets and hose located as hereinafter set forth, to make possible the covering of every portion of each floor area with a standpipe hose stream, except that where the 1st story or basement or both are occupied as stores without connection or communication with the entrance hall or stair enclosure to upper stories, the Fire

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Commissioner may permit the omission of standpipe protection in such stores and, if so omitted, may prescribe such portable protection as he may deem necessary. Cellars, sub-cellars, basements, etc., shall be protected in the same manner as the stories above.

Every standpipe (fire line) equipment shall be a Standard Wet System, except as hereinafter provided for:

(a) In any building not exceeding 40 feet in height, and 20,000 sq. ft. in area, a four-inch street supply system having one four (4) inch direct connection to a street main fed two ways or having one 4-in. direct connection to each of the two street mains on two street fronts, each main so fed that the shutting off of one main will not interfere with the supply of the other main, may be installed, provided there is a sufficient pressure in the street main or mains to maintain a minimum of twenty-five (25) pounds per square inch static pressure at the highest hose outlet.

Evidence establishing the fact that water main conditions and pressures are as required shall be submitted to the Fire Department.

Rule 10. CLASSIFICATION OF STANDPIPE-FIRE LINE EQUIPMENTS. For the purpose of these rules standpipe equipments shall be classified as:

(a) Standard Wet System in which the pipes are of sizes as specified in Section 581 of the Building Code, and in which the system is at all times filled with water from at least one standard source of supply.

(b) Four-inch street connection system, in which the pipes are of sizes as specified in Section 581 of the Building Code and the system is at all times filled with water from one or more 4-in. diameter direct connections to public water mains in the street.

(c) Automatic dry systems, in which the pipes are of sizes as specified in Section 581 of the Building Code, and are normally dry, the system being connected to a source of water supply controlled by an automatic dry pipe valve as defined elsewhere in these rules.

Rule 11. TANKS ABOVE ROOF. Construction shall be as per Section 428 of the Building Code and tank structure and supports shall be approved by the Superintendent of Buildings. The covers of all unenclosed standpipe tanks shall be conical in shape and protected with a type of roofing approved by the Superintendent of Buildings.

Rule 12. RESERVE FOR STANDPIPE. Gravity roof tanks, except as otherwise required by Rule 83, shall contain not less than 3,500 gallons of water at all times, reserved solely for standpipe fire line purposes.

When a gravity tank is to be used for both standpipe and house supply, the connection for the latter shall be made through the side of the tank above the level of the required standpipe reserve. This type of house and standpipe supply tank is preferred and recommended.

When two gravity tanks are used, one for standpipe fire line service and the other for the house supply, the house supply tank may be so arranged that it can only be filled by an overflow from the tank used for standpipe fire line purposes.

Rule 13. STANDPIPE AND SPRINKLER SUPPLIES. Standpipe and sprinkler supply shall not be taken from one tank unless there is available 5,000 gallons of water for the standpipe system which shall be in excess of the amount of water required for the sprinkler system. Standpipe supply shall be taken from the uppermost portion, and through the side of the tank, or through the bottom, provided that portion of the pipe within the tank is of brass or other non-corroding material.

Rule 14. BUILDINGS IN GROUP UNDER THE SAME OWNERSHIP AND OPERATION:

One gravity tank of at least 5,000 gallons water capacity to supply the largest unit of a group of separate and distinct buildings operating under one ownership, and located at such elevation that the bottom of the tank will be at least 20 feet above the roof of the highest building of the group will be

accepted as an adequate tank supply for the entire standpipe equipment provided a dead riser is carried down from the bottom of the tank to an underground header system having a Post Indicator control valve for each building unit, the P. I. valves to be located as the Fire Commissioner may direct.

Rule 15. UNDERGROUND PIPING. All underground piping shall be extra heavy cast iron installed in accordance with the standard specifications of the American Water Works Association: for 4-inch lines Class C requirements shall be used, 6-inch Class D, 8-inch Class E.

Rule 16. ADDITIONAL TANKS. When in his opinion, the area covered is excessive or the occupancy is such that an unusual fire hazard is introduced, the Fire Commissioner may require additional protection in the nature of additional tank or tanks located remote from any other standpipe tank, or additional water supply in the main gravity tank, or a fire pump and suction tank of size and capacity to be determined by the Fire Commissioner or the Board of Standards and Appeals, or a combination of any of the foregoing supplies.

Rule 17. STANDARD SOURCE OF SUPPLY. Gravity tank located so that the bottom of same will be not less than 20 feet above the roof level and of a capacity as stated elsewhere in these rules and directly connected with the standpipe equipment by pipes of the same diameter as that of the largest riser.

Rule 18. TANK FEED. Tanks shall not be fed through the standpipe fire line, but shall be fed through a separate line at least 2 inches in diameter, discharging into the top of each tank above the overflow level through the side or through the bottom, that portion of the pipe within the tank to be of brass or bronze. An electric or steam pump of sufficient capacity to deliver at least 65 gallons of water per minute at the tank shall be provided, or if the pressure in the service line is sufficient and the plumbing is such that a minimum of 65 gallons of water per minute may be delivered to the tank, connection to the house water service main in the basement, cellar or lowest story may be used instead of pump.

The sprinkler and standpipe tanks may be fed from a common source of supply, either a pump or a direct service main connection, when a ball (float) valve is provided for each tank. Floats shall be of copper.

Rule 19. OVERFLOW. An overflow of diameter at least as large as that of the fill line shall be provided for each roof standpipe tank. The overflow line from all intermediate tanks shall be at least 6 inches in diameter. It may be run through the bottom of the tank, provided it is of brass or bronze and has no joint inside of the tank, otherwise it must be brought through the side of the tank, 3 inches below the top (of sides). Overflows shall terminate in a 90 degree elbow not more than 24 inches above the roof.

Rule 20. EMERGENCY DRAIN. There shall be provided for each tank an emergency drain not less than 4 inches in diameter connected directly to the bottom of the tank or to the standpipe supply line above the tank check and terminating not less than 30 inches nor more than 4 feet above the roof in a horizontal run. Emergency drain shall be provided with a 4-inch O. S. & Y. gate valve located in a readily accessible position not more than 4 feet above the roof.

Rule 21. ELEVATION OF TANK. The bottom of each gravity tank used for standpipe fire line supply shall be at least 20 feet above the level of the roof. When the area of a pent house exceeds 50% of the roof area or when it exceeds an area of 2,500 sq. ft., the bottom of the tank shall be required to be not less than 20 ft. above the level of the pent house roof. In existing standpipe equipment the bottom of the gravity standpipe tank shall not be required to be more than 20 feet above the outlet in the highest story.

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Rule 22. PYRAMID OR TOWER ROOFS. Where the roof of the building is designed so as to finish in a pyramid or tower form, the gravity tank shall be elevated as high as practicable within the pyramid or tower. Provided, however, that in all cases, the gravity tank is not less than twenty (20) feet above the hose outlet in any room or space occupied other than for tank houses, elevator machinery or machine shop for repairing elevator machinery. Fire appliances, as may be required by the Fire Commissioner, shall be provided in such tank houses, elevator machine rooms, etc.

Rule 23. ACCESS TO TANK. Access to the top of each standpipe tank shall be provided by means of an iron gooseneck ladder of substantial construction and rigidly braced. Access to the tanks on theatre building shall be from the stage level to the roof by means of double-rung ladders set at an angle of not more than 70°, with intermediate landings every 12 ft. or less.

Rule 24. HIGH AND LOW WATER ALARM. Every gravity tank hereafter installed for standpipe fire line purposes shall be equipped with an electric closed circuit high and low alarm as provided under Rule 88, in order that it may be determined at any time whether or not the required standpipe reserve is in the tank, except when the house supply is taken from the tank, or where the house supply tank can only be filled from an overflow of the standpipe fire line reserve tank, a high and low alarm need not be provided when an automatic tank filling pump is installed.

Rule 25. CHECK VALVE. There shall be provided in a horizontal run of pipe in the top story stair enclosure or in a heated enclosure on the main roof, in the line connecting the standpipe tank with the standpipe riser, an approved type swing check valve opening downstream toward riser, except that where a siamese connection has been omitted, under these rules, no check valve shall be required. An O. S. & Y. gate valve shall be provided on each side of the check valve and shall be sealed open in an approved manner.

Rule 26. HEATING OF TANKS. All tanks used for standpipe supply purposes shall be heated by means of steam supplied through a brass coil with brass fittings and of a type and radiating surface as prescribed by the Board of Standards and Appeals. The heater shall be fed through a 1¼-inch steam line with a 1-inch return, separately trapped. The water in the tank shall be maintained at a temperature above 40° F.

Tanks in hotels, hospitals, institutes or similar buildings using the tank supply seven days a week supplying both standpipe and house service lines shall not require heating. If in an adequately heated enclosure, interior heating of tanks shall not be required.

Rule 27. LOWEST SUCTION TANKS. Tanks shall have at least 10,000 gallon effective water capacity as specified in Schedule A, reserved for the lowest fire pump use exclusively and shall be constructed of steel or reinforced concrete, located below the grade, or lowest story, if there is no cellar under the building. The Fire Commissioner may permit suction tanks to be located in a separate enclosure, or building provided they are accessible and when, in his judgment, such location will be more practicable. House supply tanks may be connected to the fire pump suction line, provided an O. S. & Y. gate valve, sealed closed, shall be provided on such house supply lines.

Rule 28. LOWEST TANK SUPPLY. The lowest suction tanks shall be fed by a connection at least 4 inches in diameter taken directly and independently from the public street main. The supply shall be not less than 750 gallons a minute, and shall enter the suction tank above the top or through the side near the top of the tank and shall be controlled by suitable bronze ball cock and copper float.

Rule 29. SUPPORT FOR TANKS. Tanks of more than 500 gallons capacity hereafter placed in or on any building shall be supported on masonry, reinforced con-

crete or steel construction of sufficient strength and carried to a proper foundation as provided for in section 428, Chapter 5 of the Code of Ordinances.

Rule 30. INTERMEDIATE TANKS. The location of intermediate tanks hereafter installed shall be determined and directed by the Fire Commissioner and as prescribed in Schedule A. Each such tank shall have at least 5,000 gallons of water reserved exclusively for fire line and pump purposes. The bottom of each tank shall be at least 20 feet above the highest outlet supplied therefrom. The method of water supply to tanks, the overflow, the high and low water alarm, the emergency drain, etc., shall be as prescribed for tanks above the roof except that the overflow and emergency drain shall be connected to the drainage system of the building or discharge on intermediate levels.

The connection of the tank to the system shall be as hereinafter set forth:

Piping of the same diameter as the riser shall connect the tank with the riser of the portion of equipment supplied from that tank and in this connecting line in a horizontal run there shall be placed an approved swing check valve opening downward, and two O. S. & Y. gate valves, one at each side of the check valve. Each tank section shall be directly connected to the tank section above by means of piping of the same diameter as that of the largest riser and in a horizontal connecting line shall be provided an approved swing check valve opening upward, with an O. S. & Y. gate valve, at each side of the check valve, in order that water pumped into the siamese connection may enter the entire equipment of the building, and that each tank will supply only its portion of the system.

Rule 31. VALVES. All valves controlling standpipe water supply except valves at hose outlets shall be iron body brass mounted, or cast steel designed in accordance with specifications of the American Society of Mechanical Engineers, gate valves shall be of Outside Stem & Yoke type, and shall be located in an accessible position. All such emergency control valves 6 inch and larger shall be of the by-pass type, except that emergency control valves when required in standpipe (fire) line systems may be of approved hydraulically controlled type.

* Rule 32. PIPING, FITTINGS AND VALVES. Materials of Construction. All new piping for standpipe fire lines shall be of genuine full weight wrought iron or steel and properly tested by the manufacturer to withstand the required water working pressures. All pipes shall be lap-welded. Where working pressures are in excess of 150 lbs. to the square inch extra heavy cast iron body or cast steel valves, malleable iron or cast steel fittings constructed in accordance with the specifications of the American Society of Mechanical Engineers, able to withstand the required water working pressure shall be provided. The standard weight fittings and valves may be used where the pressure is not more than 150 lbs. per sq. in. Fittings in horizontal runs shall have long turns. All underground piping shall be of extra heavy cast iron as required by Rule 15.

The water working pressure on piping, valves and fittings shall be determined by the total head of water plus 50 pounds at the top floor hose outlet plus a factor of safety of at least 50 per cent. Specifications as to the construction and water working pressure of all piping, valves and fittings shall be marked on plans filed with fire commissioner.

Rule 33. CONSTRUCTION. Each standpipe fire line riser shall be supported at the bottom and at every other (alternate) story, and shall be properly braced. Horizontal lines shall be supported by standard heavy wrought or malleable iron hangers attached to or extending around and over floor beams at intervals of not more than 8 ft., and at more frequent intervals if deemed necessary by the Fire Commissioner and shall be securely braced to withstand vibration. Hangers may be supported by straps or bars extending over and around bars of at least 1 in. in diameter and

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12 in. in length embedded in concrete floors parallel to and at least 2 in. from the undersurface or by approved malleable iron concrete inserts. The arrangement of lines must be straight and as direct as practicable. Offsets will be permitted only when unavoidable or where necessary to install horizontal check valves. Except where flange fittings and pipes are permitted elsewhere in this rule, all joints shall be screwed joints made up thoroughly water tight with red lead, litharge and glycerine, or compressed graphite lead and boiled linseed oil, or any joint compound that shall be approved by the Board of Standards and Appeals.

In horizontal runs of piping of standpipe fire line systems, if larger than 4 in. in diameter, fittings and valves may be of the flange type, provided flange faces are machined true and smooth and do not show rings, sand holes or other imperfections. All joints shall be provided with proper copper gaskets.

All standpipe (fire line) equipments shall be installed in a workmanlike manner.

Rule 34. PROTECTION OF FIRE LINES. Standpipe lines when not located within a fire protected stair enclosure shall be protected against interior fire damage by means of at least one inch asbestos covering, or a covering of expanded metal lath and three-quarters inch Portland cement plaster or by a 2 in. terra cotta block encasement.

Rule 35. FROST PROTECTION. Standpipe lines shall be properly protected from freezing in the following manner:

One wrapping of tar paper equivalent to Asphalt Saturated Wool Felt paper weighing 12 lbs. per 100 sq. ft.

Three (3) layers of standard 1 in. high grade "long cows" hair" felt interposed and covered with one (1) layer of builders' paper equivalent to red rosin sized sheathing paper weighing 40 lbs. per 500 sq. ft.

One (1) covering of 8 oz. canvas, painted with two (2) coats of waterproof paint.

All wrappings to be independently applied and securely fastened in place with heavy jute twine. Circumferential and longitudinal joints to have at least a 2 in. lap staggered with adjacent layers and opposing leakage to the hair felt.

In groups of pipes each water pipe is to be wrapped separately with the tar paper, but subsequent layers of felt and paper may be applied collectively if space does not permit of individual wrapping.

Where a heating pipe is one of the group, the wrapping should be applied so that the hot line would serve all pipes in the enclosure. The initial wrapping of tar paper around each water pipe should be applied with laps down and the whole group wrapped with tar paper with laps up. If due to the position of the hot line sufficient air space would not insulate the hair felt, then protection to be effected by suitable separators, or a wrapping of asbestos paper instead of the tar paper around the group.

On vertical pipes particular provision to be made to prevent slipping and tearing of insulation due to its weight.

To prevent slipping away of insulation at point of entrance of pipes into a tank, and to shed leakage from slip joints, a 16 oz. duck to be provided, doubled and securely fastened to bottom of the tank overlapping inside and outside the insulation of the group for a distance of 18 in. below the tank. This duck to be well coated with paint. Loose hair felt to be packed about connection at tank bottom to safeguard against settling.

Rule 36. NUMBER OF RISERS. Each building fronting on more than one street shall have at least one riser for each street front. For the application of this rule a corner building shall not be considered as facing on more than one street when it is on but one corner. In all cases regardless of area or location there shall be a sufficient number of risers, so that any portion of each floor area may be covered by the stream from a standpipe hose not exceeding 100 ft. in length.

Rule 37. FIRE TOWER RISER. Each standpipe riser shall be located within a stair enclosure and one riser must be located in main stairway or fire tower.

Where impracticable to locate a riser within the stair enclosure, the Fire Commissioner may permit it to be located immediately adjacent to a stair enclosure, public corridor or other suitable place.

Rule 38. HOSE STREAM ALLOWANCE. Not more than 10 feet will be allowed for the throw of hose stream, except where the static pressure at the hose outlet is 15 lbs. or more, when 20 ft. will be allowed.

Rule 39. SIZE OF CROSS-CONNECTION. Where there are two or more risers in a standpipe (fire line) equipment, all risers shall be cross-connected by piping of a diameter at least equal to the diameter of the largest riser, but in no case shall the cross-connection be less than five inches.

Rule 40. FIRE PUMPS. Where Required:

(a) In every building hereafter erected exceeding 250 ft. in height, as described in Schedule A, an electric centrifugal fire pump shall be kept in readiness for immediate use of the Fire Department during all hours of the night and day, including Sundays and holidays.

Rule 41. ARRANGEMENT AND SUPPLY OF FIRE PUMPS. Fire pumps shall be connected to the standpipe systems and have a capacity of 750 gallons of water per minute at a pressure of from 50 to 80 lbs. at uppermost hose outlet, fed from such pumps. Fire pumps shall draw from steel or reinforced concrete suction tanks. For the purpose of testing fire pumps a 4 in. diameter branch shall be taken from the discharge line at the pump side of the check valve and run to the suction tank over the side or through the side above the overflow level. From this branch there shall be taken a 4 in. line with an approved type pressure relief valve, extending to the tank in a manner similar to that of the 4 in. test line. In the 4 in. test line between the 4 in. relief branch and the tank there shall be placed an O. S. & Y. gate valve, which shall be kept closed except during a test of the fire pump. In the line from the fire pump to the standpipe risers and beyond the test branch there shall be placed an approved type check valve in a horizontal position and also an O. S. & Y. gate valve, the latter to be open except when the fire pump is undergoing test. A pressure gauge shall be provided and connected to the discharge line of the pump.

The piping connecting discharge from fire pumps shall be of same diameter as the main riser.

Rule 42. NUMBER AND LOCATION OF FIRE PUMPS.

SCHEDULE A

Height from Uppermost Hose Outlet to grade*	Total No. of Pumps Required	Approximate Location of Pumps			
		1st Pump	2nd Pump	3rd Pump	4th Pump
			Above level of First Pump	Above level of First Pump	Above level of First Pump
250' to 400'	1	Below grade level			
401' to 500'	2	Below grade level	200' to 250'		
501' to 600'	2	Below grade level	250' to 300'		
601' to 700'	3	Below grade level	200' to 250'	400' to 500'	
701' to 800'	3	Below grade level	250' to 300'	500' to 600'	
801' to 900'	4	Below grade level	200' to 250'	400' to 500'	600' to 750'
901' to 1000'	4	Below grade level	250'	500'	750'

* The uppermost hose outlet shall not include pent house outlet.

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Rule 43. FIRE PUMPS IN BUILDINGS EXCEEDING 1,000 FEET. All buildings exceeding 1,000 feet from grade level to uppermost hose outlet shall be provided with a fire pump for every 250 feet of elevation above the centre line of the lowest pump.

Rule 44. TANK CAPACITIES. Suction tanks supplying the first or lowest pump shall contain not less than 10,000 gallons reserved for fire pump. Intermediate tanks and uppermost supply tanks for buildings between 250 and 400 ft. as described in above schedule shall contain not less than 5,000 gallons reserved for fire pump. Uppermost supply tanks on all other buildings shall contain not less than 3,500 gallons reserve for standpipe fire line. Suction tanks shall be of the open type.

Rule 45. TANK STRAINERS. All supply tanks shall be provided with bronze strainers at pump and riser intake lines.

Rule 46. CENTRIFUGAL FIRE PUMPS. Fire pumps installed under these rules shall have a capacity of 750 G. P. M. and shall be of the multi-stage motor driven Centrifugal type designed, constructed and installed to render the highest possible efficient and reliable fire service.

The pump shall be located in a room of fireproof construction, properly ventilated, lighted and drained, enclosed in eight (8) inch brick or concrete walls with approved fire doors at openings and with fireproof floor and ceiling construction. If located in the lowest story of the building, the pump shall be placed on a foundation not less than one (1) foot in height. The pump room shall be readily accessible with safe egress for the attendant.

The pumping equipment shall be adaptable for heavy duty service having all parts of ample strength with liberal water passage and all working parts exposed to corrosion of phosphor bronze.

The pumps shall be fitted with fire fittings consisting of capacity name plate, pressure gauges, relief valves, hose manifold and three (3) approved $2\frac{1}{2}$ in. hose valves with Standard Fire Department male threads. Fire pumps shall take suction supply under a head of water and in no case shall there be less than six (6) feet between water level in tank and centre line of pump.

The pump specifications shall be within the uniform requirements of "The National Standard" as adopted by the following associations:

Associated Factory Mutual Companies,
National Board of Fire Underwriters,
or as approved by the Board of Standards and Appeals.

Fire pumps to be designed to operate at not less than five (5) pre-determined speeds to give five (5) pre-determined pressures which will insure a maximum pressure of 80 lbs. and a minimum pressure of 50 lbs. throughout the building.

Fire pump equipment shall be so designed that it will operate normally at least five (5) speeds to provide a minimum of 50 lbs. pressure, and where more than one pump is required it shall be capable of pumping to the level of the next highest pump station in case of breakdown of intermediate pumping unit.

To provide for this standby service the fire pump shall run at nine (9) pre-determined speeds, namely, five (5) for continuous service and four (4) for standby service.

Rule 47. GENERAL SPECIFICATIONS. Pumping equipment shall be free from defects in design, workmanship and material and shall give proper and continuous operation under the conditions of service specified and shall be subject to approval of the Board of Standards and Appeals.

Materials entering into construction of this equipment shall be the best quality of their respective kinds and all parts shall be amply proportioned so as to be adaptable for heavy duty service.

CASING: Casing shall be of close grained cast iron and divided horizontally, and having suction and discharge connections in the lower half, so that the top casing can be re-

moved without breaking water connections. Casing shall have in addition to flange bolts, additional heavy bolts inside of flange to prevent leakage between stages. Casing shall be tested and guaranteed to withstand pressure 50% in excess of working pressure.

SHAFT: Shaft shall be made of best grade nickel steel and shall be ground all over to close limits and a high finish.

IMPELLERS: Impellers shall be of the enclosed type of best grade of phosphor bronze finished all over.

WEARING RINGS: Shall be of phosphor bronze and of renewable labyrinth or other equal type. Impeller wearing rings shall be securely attached to impeller, and casing ring shall be securely locked in the casing.

SHAFT SLEEVES: Shaft sleeves shall be of bronze and extend through stuffing boxes to protect the shaft from corrosion and wear from the packing.

BEARINGS: Bearing brackets shall be of the best grade of close grained cast iron and securely bolted to the lower half of the casing.

Bearing brackets shall contain cast iron bearings lined with high grade babbitt and shall be removable. Each bearing shall be equipped with two oil rings to insure proper lubrication.

COUPLING: Coupling shall be of best grade cast iron finished all over and keyed to shaft. The two halves shall be connected by coupling pins, transmitting power through rubber bushings, vulcanized on steel sleeves.

STUFFING BOXES: Stuffing boxes shall be of sufficient depth to prevent excessive leakage and shall contain water seal rings of bronze.

PACKING: Packing shall be held in place by bronze glands horizontally split and bolted together.

BED PLATE: Bed plate shall be of cast iron of heavy box type and provided with finished pads to which the pump is bolted and doweled. Foundation bolt rings shall be drilled for foundation bolts. Jack-screw pads to be cast with bed and jack-screws furnished to assist in aligning. Bed plate shall be provided with ample drip rims, drilled and tapped for piping connections on both ends.

PAINTING: Pumps shall be painted, filled, rubbed down to an even surface and finished with a drab steel-color machine paint, and the inside of the oil reservoirs in the bearing brackets to be painted white with a special oil-resisting paint.

Rule 48. SPECIFICATIONS FOR ELECTRICAL CONTROL AND OPERATION OF FIRE PUMPS.

TESTING: Pumps shall be tested at the plant of manufacturer to prove that they can fulfill requirements of specifications and guarantees made.

MOTOR: (a) Direct-current motors must be of the shunt or cumulative compound wound types. The speed of the motor at no load must not exceed the speed at full load by more than 10%.

Alternating current motors shall be of a slip ring type that will surely start and attain full speed under the current supply conditions where pump is to be installed. Approval of fire pump installations will be contingent on proper attention being given to the features mentioned herein.

(b) With a room temperature not exceeding 40 deg. C., motors shall be designed for a temperature rise not exceeding 40 deg. C. when carrying their rated full load continuously and shall also be able to run continuously with an overload of 15% without stress and without injurious rise in the temperature. Motors shall be able to withstand under the above room temperature an overload of 25% for 2 hours or a momentary overload of 50% without injury. No electrical or mechanical weakness should develop during these tests. The rise in temperature shall be measured in accordance with the Standardization Rules of the American Institute of Electrical Engineers.

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Motors shall be of such capacity that at rated voltage 115% of its full load ampere rating will not be exceeded under any conditions of pump load.

(c) Motor and control apparatus must be protected from water coming from possible leakage, or breakage of any connection at the pump or other piping in its vicinity, including hose lines which may be connected to the pump.

(d) Motor windings shall be thoroughly impregnated with an insulating compound suitable for resisting moisture.

(e) Bearing shells and caps for motors shall be of the split type on at least the driving end, to permit removal and replacement without disturbing the motor or shaft after installment.

VARIABLE SPEED CONTROL OF MOTORS shall be provided except for fire pumps in theatres as required under Rule 86. Not less than five stages of speed variation will be permitted.

AUTOMATIC STARTERS will not be permitted except as provided for under Rule 86 (Theatres, etc.) of Standpipe Fire Line Rules.

CONTROLLING EQUIPMENT: The following specifications cover the construction and installation of controlling equipments of manually operated devices for the control of electric motors driving fire pumps.

In materials, details of construction, test and installation, except as modified or supplemented by these requirements, all parts of the equipment shall comply with Chapter 9 of the Code of Ordinances.

All equipments shall be specifically approved for fire pump controlling purposes.

DESIGN: (a) The design of all parts must be such as to secure simplicity, strength, durability and ease of operation.

(b) All parts must be mounted on one or more panels of slate, marble or other approved material, supported in a substantial manner on an iron frame, and the entire equipment must comply with the requirements for switchboards in Chapter 9 of the Code of Ordinances.

(c) All parts, such as bearings, cams and latches, the operation of which is liable to be interfered with by corrosion, must be made of phosphor bronze or similar metal, except where magnetic qualities are essential. Springs must be of phosphor bronze or similar metal, or protected against corrosion in an approved manner.

OPERATING MECHANISM: (a) The operation shall be such that the motor is directly started by a single lever, which shall be arranged to move in one direction from the initial to the final position.

(b) Electrical actuating devices will not be approved.

(c) Where direct current is used, an auxiliary field resistance shall be provided which can be used to increase the motor speed 10 per cent.

RESISTANCES: Starting resistances must be, unless inside of the motor, of the grid type, and comply with the requirements of starting duty rheostats as given in Chapter 9 of the Code of Ordinances.

OVERLOAD PROTECTION: (a) Each motor lead must be protected by a circuit-breaker. With direct current motors, leads must be protected by a single-pole circuit-breaker in each lead, or by an approved double coil, double pole circuit-breaker so designed that each pole must be closed independently of the other.

(b) Circuit-breakers to be calibrated to 400 per cent. of normal motor current.

(c) No fuses nor other overload release devices except circuit-breakers are permitted, except in instrument and pilot light leads.

WIRING: All wiring shall be installed in rigid iron conduit.

SWITCH: An approved knife switch for independent sources of supply must be provided, having one pole for each supply wire in circuit.

PILOT LAMP AND INSTRUMENTS: (a) A pilot lamp connected on the motor side of the circuit-breaker must be provided to indicate the presence of voltage on the line.

(b) A voltmeter and ammeter must be provided and suitably mounted and connected as a part of the control equipment.

MARKING: (a) A name plate must be provided giving the name of the manufacturer and the rating of the equipment in volts and amperes.

(b) All line and motor terminal connections must be suitably marked so that they can be readily identified.

CONTROL PANEL: The control panel shall be constructed of a high grade of electrical slate or marble or other approved material.

The supporting frame shall be so arranged that the bottom of the panel will not be less than 24 inches above the floor.

INSTALLATION OF APPARATUS: The control panel shall be located close to and within sight of the motor. If a pump room used for no other purpose and containing no other apparatus except the fire pump, its motor and its accessory appliances is provided, the controlling equipment shall be placed in this room.

The control panel shall be so protected that it will not be injured by water escaping from pump or connections.

Except where special permission is granted by the Fire Commissioner the controlling equipment shall be protected from mechanical injury by one of the following methods:

(a) Grille or lattice partitions so placed as to completely enclose the control panel and starter.

(b) The entire equipment of the panel and starter may be enclosed at the sides, front, back and top in a thoroughly substantial, ventilated sheet iron or steel cabinet of not less than No. 12 U. S. metal gauge in thickness with hinged doors with glass panel in front of pilot light. When panel is in a fireproof room and not subject to mechanical injury an enclosing cabinet shall not be required.

TEST OF EQUIPMENT: The entire equipment shall be subject to test and inspection by representatives of the Fire Commissioner.

POWER SUPPLY: Where the power supply can be obtained from two separate street feeders, two separate and distinct services shall be installed.

Where current is taken from an underground Edison three-wire system and the power lines are protected by approved conduit from a point where they enter the building to the control panel in the pump room, it will be considered an acceptable source of power supply.

Isolated Plant: Where the source of supply is an isolated plant located in the building an auxiliary service of sufficient capacity shall be obtained from some outside source.

Transmission Lines: (a) The lines between the power plants and the pump room must be of such number, so arranged and so located that there will be small chance of an interruption of service to the motor, due to accident to the lines. All wiring in the pump room must be in approved conduit.

Where the valves involved are large and the crippling of this pump service would seriously affect the protection of the property, at least two separate lines from the power plant or plants to the pump installation shall be provided. The lines must be run by separate routes or in such manner that a failure of both at the same time will be only a remote possibility.

(b) Each line between the power plant and pump room shall be of such size that its safe carrying capacity as given in Chapter 9 of the Code of Ordinances will not be exceeded by the load carried.

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Where direct current motors are used, the voltage at the motors must not drop more than 5 per cent. below the voltage rating of the motors when the pumps are being driven at rated output, pressure and speed, and the lines between motors and power stations are carrying their peak loads.

When alternating current motors are used, the voltage at the motors under these same conditions must not drop more than 8 per cent. below the voltage rating of the motors.

(c) The overload protective devices at the power plants, and where provided at various points on the lines, must be of such rating and so set that they will open the circuit only under short circuit conditions.

Approved fuses may be used, if desired, except for the protection of the pump motor where circuit breakers are required. The fuses, however, must be of such size that an overload or short circuit at the motor or its control apparatus will not cause them to open the circuit, but instead, the circuit breaker protecting the motor.

TRANSFORMERS: Where it is necessary to install transformers they shall be installed in accordance with Chapter 9 of the Code of Ordinances.

Rule 49. SIGNALLING DEVICES. All buildings where variable speed control of fire pump motors is required shall be equipped with an approved coded closed circuit signalling system. The signalling stations shall be located one on each floor at main riser. This system shall be so arranged that a coded signal can be transmitted to the pump rooms. An eight-inch gong shall be provided in all pump rooms and at such other locations as the Fire Commissioner may direct. All apparatus used in connection with the signalling system shall be of an approved type and installed as outlined in rules governing the installation of interior fire alarm systems.

At alternate signal sending stations there shall be provided an approved closed circuit strap key enclosed in a sheet metal box equipped with a paracentric Fire Department lock and approved hinges.

The strap key shall be connected in series with the box circuit of the signal sending station.

A card of instructions shall be placed in the pump room giving code numbers of signalling stations, the pressures obtainable at different speeds of the motor and such other information the Fire Commissioner may direct.

Rule 50. RELAY STANDPIPE SYSTEM. All buildings hereafter erected exceeding 400 ft. from grade to highest hose outlet shall be provided with an intermediate combination gravity and suction standpipe supply tank and a fire pump as required under Schedule A.

Each tank shall have at least 5,000 gallons of water reserved for the fire lines and shall be connected to fire line system as described in Rule 30 for intermediate tanks except that in addition to the requirements of Rule 30, there shall be provided a long turn by-pass 8 inches in diameter around the tank check valve and the O. S. & Y. gate valves. An 8-inch O. S. & Y. gate valve SEALED CLOSED shall be provided in the by-pass line.

Each tank shall be provided with overflow and emergency drain lines as required in Rules 19 and 20, except that such lines shall drain to roofs of set backs on building, or into house drain lines providing the house drain line or lines are equal in sum total to the sum total in diameter of the drain lines.

The fire pump shall have a capacity of not less than 750 gallons of water per minute and shall deliver through the standpipe main feed riser at a pressure not less than 50 lbs. to the square inch at the highest hose outlet fed by said pump.

All fire pumps shall be located on a raised base at least 24 inches above the floor and on the floor below the supply tank, with the suction line as direct as practicable.

The pump discharge line shall be connected to the main feed riser feeding up, and outside the horizontal tank check valve line, and the upward swinging check valve in the main

riser. An O. S. & Y. gate valve shall be provided at a point between the pump discharge connection and the upward swinging check valve SEALED OPEN.

The fire pump and motor shall be located in a watertight room as close to fire tower as practicable, properly drained by a 3-inch line to house drain or scuppers in exterior wall. The electric switch controlling the motor shall be marked on panel "FIRE PUMP SWITCH" in 1 inch white letters on a red background.

Rule 51. NUMBERING ON VALVES. All gate valves on tanks, fire lines and pumps shall be numbered by 3-inch red metal disc with white numbers 2 inches high secured to wheel of valves.

Rule 52. PUMP ROOM DIAGRAM. A white and black print drawn to a scale of one-quarter inch to the foot shall be provided in a glass frame showing the tank, fire pump, all pipe lines and valves. The number of each valve shall be shown in addition to purpose of each water line.

The print shall include instructions as to method of starting and operating pump, closing main line, gate valve and opening by-pass valve.

Rule 53. FIRE LINE TELEPHONE. In all buildings where a variable speed control of fire pump motors is required there shall be provided a multiple telephone system with a master telephone in each pump room, and in the main lobby and individual telephones located on alternate floors near the main fire line riser.

The operation of the system shall be such that any individual telephone may call and converse directly with any master telephone. The master telephones may call and converse directly with each master telephone.

A six-inch vibrating call bell shall be located at the master telephones.

The master telephones in pump room below grade level shall be equipped with a loud speaking receiver so that the voice can be clearly and audibly heard at a distance of not less than fifteen feet from the receiver.

WIRING: The wiring for the telephone system shall not be smaller than No. 18 rubber covered wire installed in rigid iron conduit. The conduit system shall contain no conductors other than fire line telephone conductors.

The fire line telephone system shall be properly maintained and ready for use by the Fire Department at all times.

Rule 54. MAIN LINE EMERGENCY CONTROL VALVES IN BUILDINGS OVER 400 FEET IN HEIGHT (per Schedule A). At the base of the main feed riser or below the hose outlet valves on the first story; at each pump room elevation, and at each approximate one-third the height above the fire pump elevations and the pump or roof tank next above, there shall be provided O. S. & Y. emergency control valves in the main feed riser properly numbered and shown on the fire pump blue print heretofore described.

Rule 55. EMERGENCY TOOL BOX. Where fire pumps are required under these rules there shall be provided in each pump room an emergency fire department tool box, painted a fire department red, with 3-inch white letters reading, "Emergency fire line tool box." The box shall be secured to the wall and be fitted with a fire department lock and contain the following:

1—3-foot Stillson wrench.

4—2½-inch plugs with pipe threads.

4—2½-inch caps with hose threads.

2—Spanner wrenches of Fire Department pattern.

4—2½-inch double female hose connections, with Fire Department threads.

Rule 56. EMERGENCY AND TESTING HOSE. Where fire pumps are required under these rules there shall be provided in each pump room not less than two 50-foot lengths of rubber lined 2½-inch hose, of Fire Department quality, and one 1½-inch nozzle of controlling type. All couplings to be of Fire Department pattern and threads. Hose shall be supported by hooks secured to enclosure walls of pump room.

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Rule 57. LOCATION OF LOWER FIRE PUMP IN RELATION TO HORIZONTAL LINE CONTROL VALVES. In a single main riser system the fire pump discharge line to riser shall be as short as practicable.

In a two (2) main riser system the pump discharge line to cross connection shall be located between the two risers. An emergency gate valve of the O. S. & Y. type, sealed open, shall be provided in the cross-connection on each side of the discharge line connection.

In a three (3) main riser system the pump discharge line shall be connected to the cross-connection on each side of the central riser. Three (3) emergency gate valves as above shall be provided as follows: One (1) at the base of the central main riser and one (1) on each side of the discharge line connection on the riser side.

In a four (4) main riser system the pump discharge line to the cross-connection shall be centrally located so as to provide two risers on each side of pump connection. An emergency gate valve shall be provided in the cross-connection on each side of the discharge connection.

In a five (5) main riser system the pump discharge line shall be connected on each side of the third, or central riser, and shall be provided with gate valves located as described in a 3 riser system.

In a six (6) main riser system the pump discharge line shall be centrally located so as to provide three risers on each side of pump connection and shall be provided with gate valves located as described in a two and four riser system.

For the purpose of this rule a main riser is any vertical riser other than a branch riser with not more than three (3) hose outlets above the cross-connection.

Rule 58. EMERGENCY SAFEGUARDS. For the purpose of prolonging the use of the standpipe fire lines in case of failure or break, it is necessary to provide and properly locate emergency gate valves of the O. S. & Y. type as follows:

Rule 59. EMERGENCY VERTICAL LINE CONTROL VALVES. All standpipe fire line systems hereafter installed in buildings over four (4) stories or 50 ft. in height, and up to 400 ft., as described in Schedule B, shall be provided for as follows: In each riser an O. S. & Y. gate valve shall be provided below the first story hose outlet. If the interior stairway extends from hallway on first story to cellar the gate valve shall be located within the stairway enclosure below the first story level.

A two-way 2½-inch hose outlet tee with two 2½-inch approved valves, one of which may be capped, shall be provided in all main risers 6 ft. to 7 ft. above floor or stair landing level of first story with the O. S. & Y. control valve below the outlet tee.

Where a single main riser system or a main riser feed system is installed and the uppermost hose outlet exceeds 150 ft. above grade level there shall be provided in each riser O. S. & Y. gate valves, in addition to the gate valve below the first story hose outlet at approximately the level above grade hereafter specified.

SCHEDULE B

Height from Uppermost Hose Outlet to Grade	Total Number of Valves Required	Approximate Location of Valves Above Grade					
		1st Valve	2nd Valve	3rd Valve	4th Valve	5th Valve	6th Valve
150' to 200'	2 to 3	Below the 1 sty. outlet	75'	150'			
200' to 250'	2 to 3	"	75'	150'			
250' to 300'	3 to 4	"	75'	150'	225'		
300' to 400'	4 to 5	"	75'	150'	225'	300'	

Rule 60. UPPER CROSS-CONNECTION EMERGENCY CONTROL VALVES. When a two (2) main riser system is installed there shall be provided O. S. & Y. emergency gate valves between the risers in each cross-section, located within the stairway enclosure when practicable, or as near the door to main stairway of fire tower as practicable, and where the uppermost hose outlet exceeds 150 ft. above grade, the risers shall be provided with O. S. & Y. gate valves as described in Schedule B.

Where a three (3) main riser system is installed there shall be provided O. S. & Y. gate valves between any two of the risers in each cross-connection and one in the central riser at each cross-connection.

Where a four (4) main riser system is installed there shall be provided O. S. & Y. gate valves in each cross-connection between the 2 central risers, so as to provide 2 risers on each side of control valves.

Where a five (5) main riser system is installed there shall be provided O. S. & Y. gate valves between the second and third central riser in each cross-connection and one in the central riser at each cross-connection as described in a 3 riser system.

Where a six (6) main riser system is installed there shall be provided O. S. & Y. gate valves centrally located in each cross-connection so as to provide 3 risers on each side of gate valve—as described in a two and four riser system.

Rule 61. LOWEST CROSS-CONNECTION CONTROL VALVES. When the building is provided with a fire pump as required by the Rules the gate valves required in the lowest cross-connection shall be located as described under location of Fire Pumps and Horizontal Line control valves.

Rule 62. FIRE TOWER RISER. Where the building is provided with an exterior enclosed fireproof stairway or fire tower the main riser shall be installed in such stairway and properly protected from freezing in accordance with these rules unless stairway is adequately heated.

Rule 63. VALVE SEALED OPEN. All O. S. & Y. gate valves shall be located in an accessible position and be sealed open in an approved manner.

Rule 64. LADDERS TO VALVES. Where the gate valve is more than 7 ft. above any floor or stair landing a single rung iron ladder with ½-inch rungs and not less than 10 inches between strings shall be provided at each gate valve properly secured at top and bottom.

Rule 65. VALVE SIGNS. Where the gate valves on the upper cross-connections are not located in the stair enclosure, a sign with red background and white letters not less than 3 inches high shall be painted on the face of the wall within the stairway enclosure on the story where the gate valve is located, which shall read as follows: "STANDPIPE CONTROL VALVE NO. 0 IN LOFT."

Where a standpipe riser is located in a fire tower a sign with red background and 3-inch letters as above shall be painted on the wall at fire tower exit door, which shall read: "STANDPIPE IN TOWER," except on that story on which the emergency control valve is located, there the sign shall read: "STANDPIPE CONTROL VALVE NO. 0 IN TOWER."

Rule 66. VALVES NUMBERED. All emergency control valves shall be numbered by means of a metal disc not less than 3 inches in diameter painted red with a white number not less than 2 inches high and shall be secured to wheel of valve by chain or metal clamp.

Rule 67. FIRE LINES PAINTED. All standpipe lines not located within a stairway enclosure or public corridor and including the siamese connection street riser wall collars and caps shall be painted a Fire Department red.

Rule 68. SIAMESE CONNECTIONS FOR FIRE DEPARTMENT USE. Each standpipe system shall be provided with one or more approved type 3 inch x 3 inch in-

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let siamese connections for use by the Fire Department as hereinafter set forth. When a building faces on but one street and has a frontage of less than 250 ft. and requires but one four (4) inch diameter standpipe riser one siamese connection shall be provided; where the street frontage exceeds 200 ft. in length and requires but two four (4) inch diameter standpipe risers two siamese connections shall be provided for each 200 ft. of street frontage or fraction thereof. Buildings exceeding 250 ft. in height shall have not less than two siamese steamer connections for each riser and buildings not more than 250 ft. in height shall have at least one siamese connection for each 6 inch riser. Buildings having frontages on more than one street shall have a siamese connection on each street front when the frontage is not continuous but in all cases where more than one siamese connection is required they shall be properly distributed, and not grouped, as the Fire Commissioner may direct.

Rule 69. SIAMESE HEADERS. Siamese headers shall be independent of each other and lead, as direct as practicable, to riser or cross-connection header. There shall be at least 2 siamese for every 8-inch riser and at least 1 siamese for every 4 or 6 inch riser. Where there are more than one riser, the siamese headers shall divide on each side of any emergency control valve in the cross-connection, and such headers shall be equal in sum total to the sum total of all risers on either side of the emergency control valves.

No siamese header shall be larger than 6 inches. Siamese risers, when extending through sidewalk, shall be of bronze or fitted with a brass sleeve, packed with a waterproof compound between sleeve and riser.

Rule 70. SIAMESE OMITTED. Any building, other than theatre with stage, not over 45 feet in height shall not be required to have a siamese connection except when each building is on a water-front or when it is one of a group of buildings and has a cross-connection to the standpipe equipment in one or more of the other buildings.

Rule 71. LOCATION. Each siamese connection placed on the street front of a building shall be located not less than 18 inches and not more than 36 inches above the sidewalk level and shall be set in a horizontal position and shall be readily accessible for Fire Department use. Each siamese shall have cast in the body on top or on wall plate, in letters at least 1 inch in length and not less than $\frac{1}{8}$ inch in depth, the word "STANDPIPE."

The piping connecting the siamese with the standpipe equipment proper shall be not less than 5 in. in diameter where there are two or more 4 in. risers and not less than 6 in. in diameter for risers of 6 and 8 in. diameter. When there is but one 4 in. riser, connection from siamese may be 4 in. in diameter.

Rule 72. SIAMESE CHECK AND DRIP. In each line between the siamese connection and the standpipe system there shall be placed an approved type swing check valve located where practicable within 10 feet from the building wall. Between the siamese and its check valve there shall be placed a $\frac{3}{4}$ -inch automatic ball drip of an approved type which will close under a pressure of not more than 7 lbs. per square inch.

Rule 73. SIAMESE CONNECTIONS FOR FIRE-BOAT USE, EXCEPT WHERE THE SOURCE OF SUPPLY IS FROM THE STREET MAIN DIRECT. Siamese connection on piers or warehouses, etc., intended for fireboat use exclusively shall be $3\frac{1}{2}$ in. x $3\frac{1}{2}$ in. at inlets with Fire Department female thread. Between siamese and the system proper there shall be an approved type swing check valve, and between the check valve and the siamese either a $\frac{1}{2}$ -in. open drip without valve or cock, or a $\frac{3}{4}$ -in. automatic ball drip of approved type closing under a pressure of not more than 7 lbs. per sq. inch. Where systems have both fireboat and shore siamese

the shore siamese shall have male connections and shall be without clappers, but shall have on each inlet a 3 in. gate valve with Fire Department male thread for hose connection. Check valve shall not be provided for the land end siamese.

Rule 74. HOSE OUTLETS. When practicable all hose outlets shall be placed within a stair enclosure. They shall be $2\frac{1}{2}$ in. in diameter, set not less than 5 ft. nor more than 6 ft. above the floor or landing as the case may be. Outlets and racks shall be located above the floor or landing and shall not be over a run of stairs or in a stair well. When impracticable to place hose outlets within the stair enclosure, the Fire Commissioner may permit them to be located immediately adjacent to a stair enclosure, in a conspicuous place, in which case there shall be painted upon the stair side of the wall of the stair enclosure a conspicuous sign in letters not less than 8 in. in height indicating the location of the outlet. Where there is a 4-in. riser system its termination above roof shall be a $2\frac{1}{2}$ -in. outlet hose valve properly capped.

Rule 75. MAIN ROOF OUTLETS. All 6 and 8-inch main riser systems which extend to intermediate or the highest roof level shall be provided with not less than three $2\frac{1}{2}$ -inch hose valve manifolds with male threads. Roof outlets shall be located not less than 24 in. nor more than 5 ft. above the roof and each valve shall be provided with regulation $2\frac{1}{2}$ -in. Fire Department caps. Where roof outlets cannot be located within a heated stair enclosure, the control valve shall be located below the roof and shall have a long stem extending above the roof with a wheel handle at the upper end. Between the long stem valve and the roof outlet there shall be a $\frac{1}{2}$ in. open drip extending to a sink or a $\frac{3}{4}$ in. automatic ball drip of approved type.

In buildings not exceeding 40 ft. in height hose outlets above roof shall not be required.

Rule 76. SPANNER WRENCH. A spanner wrench may be provided at each hose outlet valve, such wrench shall be of the gooseneck Fire Department pattern.

Rule 77. BRANCH LINE SIZE. No branch line may be less than 4 in. in diameter, except that any branch from a riser or cross-connection to but one hose outlet may be $2\frac{1}{2}$ in. if not over four (4) feet in length, and may be 3 in. in diameter if not more than twenty-five (25) feet in length.

Rule 78. NOZZLES. All $2\frac{1}{2}$ -in. fire hose shall be provided with approved smooth bore nozzles 15 in. in length, the outlet at the tip to be not less than 1 in. nor more than $1\frac{1}{8}$ in. in diameter.

Rule 79. HOSE. Each outlet other than the roof outlet shall have attached thereto $2\frac{1}{2}$ in. unlined linen hose, except that in buildings or premises that do not contain occupancies storing, handling or using inflammable motion picture films or nitro cellulose products, and which are not classified as hazardous, the Fire Commissioner may permit in addition to the $2\frac{1}{2}$ -inch outlet and hose the installation of $1\frac{1}{2}$ in. unlined linen hose and valve. There shall not be more than 100 ft. of hose at any outlet, as required by Section 581, Chapter 5, Code of Ordinances. No single length of hose shall be less than 50 ft.

All hose used in connection with the standpipe fire line system shall be at least equal in material and construction to the type of hose bearing the approval label of the National Board of Fire Underwriters.

Rule 80. COUPLINGS. Hose couplings for standpipe shall be equal to hose couplings of the regular Fire Department pattern and thread.

Rule 81. RACKS. All standpipe hose shall be suspended from racks of stamped steel, malleable iron or other metal equal thereto, of approved swing type, so designed and constructed that they will permit of ready and easy release of hose for use. The racks shall be supported securely and substantially from standpipe risers or wall, except that where

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a cast nipple of non-corroding material is screwed into the hose outlet valve the rack may be suspended from said nipple. The minimum thickness of nipple to be 5/16 in. In no case will automatic racks be permitted.

Racks shall be not more than 7 feet 6 inches above the floor.

Rule 82. HOSE CABINETS. Hose racks may be installed in cabinets, provided the cabinets are conspicuously located within a stair enclosure, and are of a size sufficient to accommodate the entire equipment and permit of easy handling of hose and operation of valve.

In theatres, cabinets may be permitted outside of stair enclosures, provided they are conspicuous, and that during performances the cabinets are illuminated by means of an electric lamp placed inside. Each cabinet shall have a clear glass door (one panel only) without lock and shall have the words "FIRE HOSE" painted on the glass in letters not less than 2½ inches in height.

Rule 83. REGULATION AND REDUCTION OF PRESSURES. All buildings hereafter erected over 250 ft. in height and which do not exceed 400 ft. in height from the grade to highest hose outlet shall be provided with a roof gravity tank of not less than 5,000 gallons.

Where the above described height exceeds 400 feet, fire pump and suction tanks shall be provided as described under Schedule A.

Where the pressure on any hose outlet valve exceeds 50 lbs. either approved outlet pressure reducers, set as prescribed by the Chief of the Fire Department, or the Board of Standards and Appeals, shall be provided at such outlets.

Rule 84. BUILDINGS IN COURSE OF ERECTION. In buildings in course of erection standpipe fire lines shall be carried up with each story after the structure reaches the 7th story or a height of 85 ft., and there shall be provided an outside siamese pumper connection in a proper and accessible place. Regulation hose outlets on each story above the 2nd shall be provided as the work progresses. Hose outlets shall be provided with male threads of Fire Department pattern, with hose and nozzle attached, to at least every second outlet. The top and bottom of each riser and all cross connections shall be securely capped at all times during the progress of the work except when work on the standpipe fire line is in progress at that point. Temporary standpipe risers used in construction work and not less than 3 inches in diameter for buildings, not exceeding 400 ft. in height, and of larger diameter, in buildings exceeding 400 ft. in height, when maintained to supply water at all times, may be accepted in lieu of the regulation standpipe, provided it is equipped with hose outlets, hose and siamese as required above.

Elevators or hoists shall be provided as required in Rule 6.

Rule 85. PLACES COVERING LARGE AREAS. Ship yards, oil storage plants, amusement or exhibition parks or other enclosures when deemed necessary by the Fire Commissioner shall have one yard hydrant and hose for each 20,000 sq. ft. of area, but in no case shall there be more than 250 ft. distance between hydrants. Hydrants and sufficient approved hose and a smooth bore 1½-inch Underwriters playpipe shall be placed in an approved hose house, painted red, with words "FIRE HOSE" in 6-inch white letters on door. Where the area exceeds 20,000 sq. ft. and not exceeding 40,000 sq. ft. in area, a gravity tank of at least 20,000 gallons capacity, elevated 50 ft. above the yard, or 25 ft. above the highest structure in the yard, or a fire pump of at least 1,000 gallons a minute capacity, with a suction tank of at least 25,000 gallons capacity, or river suction supply shall be provided. Plants exceeding 40,000 sq. ft. in area shall be provided with a fire pump of not less than 1,000 gallons per minute capacity, suctioning from a tank or sump of at least 30,000 gallons capacity. The Fire Commissioner may permit suction from a river or well if in his opinion the required quantity of reasonably clean water may be obtained thereby, except that where river

suction is proposed and standpipe primary water supply is taken from street main, approval of the proposition shall be obtained also from the Department of Water Supply, Gas and Electricity. In addition to yard hydrants, the Fire Commissioner may require one Monitor nozzle with remote control for each 40,000 sq. ft. of area or fraction thereof when in his opinion an unusual hazard exists or may exist. Monitor nozzles shall be located as ordered by the Fire Commissioner.

Standpipe risers may be connected to yard hydrant systems when such systems are provided with gravity tanks in accordance with this rule, or when same conforms with Rule 9, Subdivision A (city main connection).

Yard hydrant systems connected to city main shall be provided with Post Indicator valve located in an accessible position. The Post Indicator valve shall be sealed or locked open and be painted a Fire Department red.

Yard hydrant systems with more than one hydrant shall not be connected to City mains outside of the high pressure fire service area, unless approved by the Board of Standards and Appeals.

Provision for steamer connections, fireboat connections, pressure reliefs and general layout of plant standpipe systems shall be made by the Fire Commissioner as his judgment may dictate for each individual case.

Fire extinguishing equipments in addition to the foregoing shall be prescribed by the Fire Commissioner for all oil storage plants, oil refineries, fire work plants and other plants when deemed by the Fire Commissioner as presenting unusual fire hazards.

Rule 86. THEATRES, ETC. In every theatre or opera house or other building used for theatrical or operatic purposes or amusement purposes as per Section 520, Chapter 5, of the Code of Ordinances, the standpipe fire line equipments in addition to the tank shall also be supplied by approved electric pump or pumps having a capacity of at least 250 gals. per minute at 100 lbs. per square inch in buildings without occupancy above the roof and at 125 lbs. per square inch pressure in buildings having any occupancy above the auditorium roof. Power for pumps shall be supplied by electric motors of sufficient horsepower to drive pump without sign of overload. Pumps shall be bypassed to suction tanks, as provided for elsewhere in these rules under FIRE PUMPS. Pumps shall suction from steel or reinforced concrete tanks of not less than 5,000 gallons water capacity. Pumps shall deliver initial supply of water and shall be connected to an approved electric device which, upon a reduction of pressure below the allowable minimum, will automatically start the pump and, upon a restoration of the required pressure, will automatically shut off the pump. The automatic starting device shall be set to cut in at 60 lbs. pressure and to cut out at 80 lbs. pressure. In addition to the automatic starting device there shall be provided a hand starter for emergency use and there shall also be provided a pressure gauge on the panel board.

Rule 87. STREET MAIN CONNECTIONS. Subject to the requirements of the Department of Water Supply, Gas and Electricity, the size of each standpipe connection to a street main shall be not less than 4 in. in diameter and shall have a conveniently accessible control valve in the line at or near the curb or when practicable in a more remote location. The control valve shall be fitted with a frost and waterproof box not less than 4 ft. nor more than 6 ft. below the curb with a fixed stem extending to a compartment at the level of the sidewalk. The cover shall be bolted to the casing, and shall be so marked as to be quickly located and to indicate the purpose of the valve. The valve shall be of an indicating pattern, operating by a special socket wrench approved by the Department of Water Supply, Gas and Electricity. The water meters used in standpipe fire line supplies shall be of approved type allowing free flow of water. Supply through the

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meter shall be checked against the Fire Department Siamese Supply and against tank supply.

Where, due to the presence of a vault under the sidewalk and extending to within 18 in. of the curb, it is impracticable to install a control valve box at the curb, there shall be placed in the feed line from the main a control valve located not more than two feet from the point of entry.

Rule 88. HIGH AND LOW WATER ELECTRIC ALARMS. The high and low water electric alarm for gravity tanks shall be so constructed and arranged that a decrease in the quantity of water below the required fire line reserve shall cause an alarm to be given in either the pump room or engineer's room. An annunciator shall be provided in connection with the alarm system. The high and low tell tale electric devices for gravity tanks shall be so constructed that they will not be affected by moisture and the parts shall be heavy and rugged. The level of the water in the gravity tank shall be indicated by an approved device.

The audible signalling device for high and low water electric alarm shall consist of vibrating gong of at least 6 inches diameter of the enclosed type and arranged for conduit installation, the same to be operated automatically. The control cabinet shall be arranged for conduit installation and shall be located in the engineer's room or pump room where it will be under supervision of the person in charge of the standpipe supply.

All wiring shall be installed in rigid conduits and the installation shall be in accordance with the provisions of Chapter 9 of the Code of Ordinances. Control panels must be approved by the Board of Standards and Appeals.

The following sources of energy may be employed and are given in their order of preference:

1. Public utility electric light and power systems.
2. Independent electric generating plants.
3. Storage batteries in duplicate.
4. Primary batteries of closed circuit type.

When the system is connected to a 110 volt lighting service a suitable cut-out is to be provided and it shall be enclosed in a locked or sealed metal cabinet. The connection to system shall be the first connection on the house side of and as near as practicable to the meter. When batteries are used to operate the system they shall be placed in an approved cabinet provided with a lock and key.

Rule 89. DRY PIPE VALVE. A dry pipe valve shall be taken to mean a valve automatically controlling the water supply of the standpipe system in such a manner that under normal conditions its piping system will be maintained dry, but in the event of a hose valve being opened, the dry pipe valve automatically releases the water into the standpipe system.

In refrigerating plants or in unheated buildings, piers or warehouses where wet lines are impracticable, dry pipe valves may be installed.

Type A, in which the valve is actuated by the release of compressed air in the standpipe system due to the opening of a hose valve; and Type B, in which the valve is actuated by an approved trip under electrical control of an approved non-coded or coded closed circuit system operated from the control station at each hose outlet. Dry pipe valve shall be located as near as practicable to the standpipe system, in an enclosed place, protected from mechanical injury and freezing.

When Type A valve is installed the air pressure in the standpipe system under such dry pipe valve control shall not exceed 40 lbs. per sq. in. nor be permitted to fall below 25 lbs. per sq. in. nor shall it be less than one-sixth of the water pressure in any case. Not more than 16 hose outlets shall be supplied through one dry pipe valve. The air compressor shall have a capacity of not less than 11 cu. ft. per minute, and the air supply for the pump shall be taken, if possible from a room containing dry air, or it shall pass through a drying chamber containing calcium chloride in order to avoid the introduction of moisture into the system.

A closed circuit alarm shall be provided in connection with each dry pipe valve installation; the electrical layout shall be approved by the Fire Commissioner.

Rule 90. MONITOR NOZZLE. Monitor nozzles shall be so constructed and designed that they may be moved in both vertical and horizontal arcs, and shall be so located that streams may be brought to bear on all portions of the plant or building within the effective radius of stream play and such other exposing properties as may be within this radius. They shall be supplied from connections to the standpipe system not less than 4 in. in diameter with remote control.

Rule 90a. ROOF SETBACK HOSE OUTLETS. A two-way hose outlet tee, with one outlet properly capped, shall be provided in the standpipe risers on floor level of any intermediate roof setbacks on all buildings exceeding one hundred feet in height when the following conditions exist:

1. When the building has a frontage of fifty feet or over.
2. And there are adjoining roofs, window openings or other exterior exposures within fifty feet of the roof parapet.
3. And the depth of the setback exceeds ten feet.
4. And the setback exceeds one hundred feet above grade level.

Rule 91. EXISTING STANDPIPES. Standpipe fire line equipments which were approved by the Fire Commissioner as conforming to the rules and regulations then being enforced, shall not be required to be altered to conform to the provisions of these rules, except where substantial additions or extension in height or area is made to the building, when these rules shall apply if deemed advisable or necessary by the Fire Commissioner, and except that all such fire line systems shall have or be provided with the following:

1. Roof gravity tank shall have a reserve of approximately 3,500 gallons of water for fire line.
2. The bottom of the gravity tank shall be not less than 20 feet above the hose outlet in the highest story.
3. A 4-inch emergency drain with gate valve.
4. House lines taken from outside of tank.
5. Tank properly heated and provided with overflow line.
6. Tank shall not be fed through fire line.
7. Tank to be fed at not less than 65 gallons a minute by pump or direct city connection.
8. An iron ladder of substantial construction, properly braced, extending to top of tank.
9. At least one gate valve at the downstream side of tank check unless a gate valve has been installed on either side of check.
10. Hose valves and hose not less than 2½ inches in good serviceable condition. No automatic hose valves permitted.
11. Wheel of hose valve within 6 ft. 6 in. of stair landing or of steps within 2 ft.
12. An open or automatic ball drip between the siamese check and siamese.
13. Approved 3 in. x 3 in. siamese, with approved caps.
14. The words "STANDPIPE" cast in the body of the valve, or on metal plates secured to siamese riser, or secured to face of building behind the siamese.
15. The siamese street riser, wall collars and caps painted a Fire Department red.
16. Outlet pressure reducers on all hose outlet valves where the pressure exceeds 50 lbs. per square inch.
17. In factory or other buildings of hazardous use, where the fire lines are not within a protected stair enclosure and may be subjected to fire exposure because of such location, they shall be protected by asbestos covering, wire lath and cement, or terra cotta blocks as described in these rules.

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18. Fire lines shall be protected from freezing as specified in these rules.

19. The tank shall be provided with a high and low water electric alarm, except where there is an automatic filling pump installed.

20. The bonnets or caps of all siamese or tank check valves which have been in the fire lines for at least ten years, where practicable, shall be removed and the interior of valve cleaned of all rust or other accumulations. The body of the valve shall then be given a good coat of red lead and linseed oil.

Rule 92. HOSE OUTLET VALVE. Hose outlet valves shall be $2\frac{1}{2}$ in.

A—All hose outlet valves hereafter installed in buildings not exceeding 300 feet in height, or for the uppermost 300 feet in any building, shall conform to the following specifications:

1. Valves shall have a clear waterway of at least 5 sq. in. in area.

2. They shall show not more than 5 lbs. friction loss for a flow of 300 gallons per minute.

3. They shall close tightly against 300 lbs. hydraulic pressure under normal working conditions.

4. They shall stand a hydrostatic pressure test of 750 lbs. per sq. in. for 30 minutes and not distort.

5. They shall stand the operation of full opening and closing 300 times under 150 lbs. pressure without leaking at stuffing box or seat.

6. They shall not be of cast or malleable iron.

7. Only angle globe valves shall be permitted.

B—Hose outlet valves hereafter installed in buildings exceeding 300 feet in height, except as provided for in Subdivision A, shall show not more than 5 lbs. friction loss for a flow of 300 gallons per minute; they shall close tightly against 500 lbs. hydraulic pressure under normal working conditions; they shall stand a hydrostatic test of 1,250 lbs. per square inch for 30 minutes and not distort; they shall stand the operation of full opening and closing 300 times under 250 lbs. hydraulic pressure without leaking at stuffing box or seat. They shall be of brass or best grade of valve bronze.

Straight-way gate valves may be submitted for test.

All hose outlet valves hereafter installed shall have cast in the body of the valve:

1. The manufacturer's name or trade-mark.

2. The working pressure of the valve.

3. The approval number of the Board of Standards and Appeals.

Not less than 2 approved hose valves shall be delivered to the office of the Board of Standards and Appeals, the weight and other general matter noted, and valves certified. One of the valves shall then be delivered to the office of the Fire Commissioner, with certified specifications.

Rule 93. SPECIFICATIONS. Siamese Connections.

Fire Department siamese connection shall be as herein-after stated in this rule.

1. The body of the siamese may be of cast iron, cast steel, brass or any other suitable metals of sufficient strength to comply with Item 8 of this specification. All movable parts, clappers, swivels and all bolts, washers, nuts, screws and pin bearings and all swivel bearings shall be of non-corrodible metal.

2. Clapper valve seats shall be made of non-corrodible metal and shall be machined to insure a tight seat for clapper valves.

3. Each inlet to siamese shall be provided with a clapper valve machined to a true face. Single clapper siamese connections shall not be permitted.

4. The inside diameter of valve seats shall not be less than the inside diameter of the hose couplings. The area of the waterway beyond the valve seats shall not be less than the combined areas of the waterways through the two valve seats. The area of the waterway of each inlet shall not be reduced by the clapper when in a position of maximum opening.

5. Clappers shall be so hung that when siamese connection is placed in a horizontal position the clappers will be seated.

6. Swivels, attached to the body of the siamese by means of a collar expanded cold or screwed into the body of the siamese, or with other bearing surface extending entirely around the opening and exerting uniform shear, will be approved if giving a strength sufficient to meet Item 8.

7. Clapper valves must of such design and area that a pressure of 100 lbs. per sq. in. on the standpipe side will not prevent their opening when the pressure on the steamer side is 150 lbs. They must be so hung that with a discontinuance of flow into the siamese through that inlet the valve will close, and that it will not close where there is an inward flow and the pressure on the inlet is 5 lbs. or more greater than the standpipe pressure.

8. Siamese connections must stand a hydraulic pressure test of 500 lbs. for 30 minutes under normal working conditions.

9. Clapper valves shall be tight for any pressure on standpipe side up to 300 lbs.

10. Approved caps or plugs must be provided to protect the threads of the inlets.

11. The inlet swivels to siamese connection shall be provided with threads to fit the Fire Department hose.

12. The word "STANDPIPE" shall be cast into the top of the body of the siamese or on wall plate, in 1 in. letters not less than $\frac{1}{8}$ of an inch in depth.

13. Where there is a fire boat siamese connection in the same system with a land end siamese connection, clapper valves shall be omitted from the land end siamese.

Rule 93a.

Specifications and Performance Requirements for Adjustable Pressure Reducers for Use At $2\frac{1}{2}$ -Inch Hose Outlets of Standpipe Systems.

These valves are for use at outlets for $2\frac{1}{2}$ -inch hose on standpipe systems to permit securing adjustment of the water pressure in hose and at nozzles as is required in the Standpipe Rules of the Board.

1. The body and working parts of the valve shall be of brass or bronze of a quality and thickness satisfying the hydrostatic pressure test requirement given below and corrosion-resisting. A bronze of not less than 83 per cent copper and 5 per cent tin and of not more than 7 per cent zinc and not more than 3 per cent lead will be judged to furnish acceptable corrosion resistance.

2. Threaded parts for connection to hose couplings shall conform to the New York Fire Department thread for $2\frac{1}{2}$ -inch fire hose.

3. The design shall provide that the friction loss shall not exceed 10 lbs. when the valve is in the full open position and is discharging not less than 200 gallons per minute.

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4. It shall be possible to operate the adjustable means through its full range by means of a regulation Fire Department goose-neck spanner wrench or manually when subject to an upstream hydraulic pressure of 500 lbs per square inch.

5. The valve shall withstand without fracture or excessive leakage the application for 30 minutes of an internal hydrostatic pressure of at least 1,250 lbs. per square inch.

6. It shall be possible to secure all movable exterior parts of the valve which affect the pressure adjustment so that the adjustment will be not altered accidentally or by tampering without giving evidence of the alteration. It shall be possible to readily accomplish any desired adjustment within the range specified below by the use of a regulation Fire Department spanner wrench.

7. The adjustable means shall provide that the waterway within the body of the valve shall be not less than 2.5 square inches in area when in full-open position and at least 0.5 square inch when in the fully reduced position. Between these positions there shall be not less than 13 positions of the pressure adjusting means at each of which a positive pressure reduction shall be obtained. Each such position shall be indicated by suitable markings or equivalent means.

8. When necessary, straightening vanes or baffle plates of brass or bronze, at least No. 14 B&S gauge in thickness shall

be placed in the down-stream or discharge part of the valve to regulate jet effect of water and protect hose.

9. The valve shall be marked so that it may be identified after installation to show a registered name or trade-mark, together with the Calendar Number assigned to it by the Board of Standards and Appeals and the registered symbol of endorsed approval by testing agency. These markings shall be in letters and figures at least 1/4 inch high.

10. The valve shall be so marked as to clearly indicate when it is installed the upstream pressure producing 50 lbs. pressure at its discharge according to adjustment at which it is set as specified in paragraphs 6 of these Rules. These markings shall be in letters and figures at least 1/4 inch high.

Not less than two approved pressure reducing valves shall be delivered to the office of the Board of Standards and Appeals, the weight and other general matter noted, and valves certified. One of the valves shall then be delivered to the office of the Fire Commissioner, with certified specifications.

The Board of Standards and Appeals hereby serves notice that approvals granted hereunder are subject to amendments or limitations as and wherever in its opinion service conditions in buildings may require.

Saving Clause. All rules and regulations previously adopted and conflicting with these rules are hereby rescinded.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
American Marsh Simplex	639-25-SA	M. D. Rotary	52-27-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Monroe Oil Pump	658-26-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Northern Rotary	1396-24-SA
Beach Russ Co. Rotary	1134-22-SA	Pascoe Pump Set	1029-26-SA
Blackmer Rotary	935-24-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Quiet May Gerotor Pump	267-32-SA
Century Rotary	908-21-SA	Quimby Screw Pump	1193-21-SA
Cook Electric Oil Pump	603-25-SA	Range-O-Matic Oil Pump, Model 50 and Suction Model	102-35-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA
Marsh Fuel Oil Pump	1050-23-SA		

RULES

Fire Drill Rules, Adopted By the Board of Standards and Appeals, October 5, 1923.

(593-23-SR)

NOTE—In republishing these Rules, no corrections have been made as to departmental jurisdiction, as such may be affected by the McCall Bill known as Chapter 764 of the Laws of 1933.

DEFINITION OF "FIRE DRILL."

The method and practice of the systematic and orderly vacating of a building by its occupants in case of emergency, panic or fire in the least possible time—by the nearest safe means of exit—and the use of fire appliances which shall be provided for the extinguishing or retarding of fire and the safeguarding of human life.

Rule 1.

In all buildings as defined in Article 1, Section 10 of the Labor Law in which fire drills are required pursuant to Section 279 and in any other building in which the Fire Commissioner may be directed pursuant to the power conferred in section 775-B of the Greater New York Charter, it shall be the duty of the owners, lessees or tenants to conduct fire drills monthly and at such other times as the Fire Commissioner may direct.

For the purpose of conducting such fire drills the owner or tenant shall appoint from among their employees such responsible and dependable persons, male or female, who shall efficiently perform the duties of the various positions of the fire drill organization, as specified on the accompanying chart.

It shall be the duty of the owner or tenant to enter in the blank spaces provided for that purpose in said chart the names of persons so selected and post said chart and copies of the rules in a conspicuous place.

FIRE DRILL ORGANIZATION.

Premises
Name of concern.....
Building No.....Story.....

FOREMAN OR PERSON IN CHARGE

Regular Substitute

WATCHMAN

.....
.....

MALE SEARCHER

.....

FEMALE SEARCHER

.....

STREET ALARM BOX RUNNER

.....

FIRE BRIGADE

.....
.....
.....

EXIT GUARDS

..... Exit.....
..... "
..... "
..... "
..... "
..... "

SQUAD MONITORS

.....Squad No. 1.....
..... " " 2.....
..... " " 3.....
..... " " 4.....
..... " " 5.....
..... " " 6.....

Rule 2. Duties of Foreman.

The Foreman or Person in Charge shall direct, enforce and have full charge of the "Fire Drill" in every factory on each floor. Each day before work is begun he shall see that extinguishers, fire hose, fire buckets, etc., are in readiness for use, exit doors are unlocked, aisles are free from obstruction, that stairways, halls, etc., are properly lighted, and shall remedy any dangerous condition found to exist. Immediately after work is commenced he shall check up the Fire Drill Organization list and note if the regularly assigned persons are present; if any are found to be absent, he shall assign other employees (if practicable) to perform their duties.

He shall immediately notify new employees of the existence of the Fire Drill Organization and give them the necessary instructions as to the duties they are to perform, etc.

In ordinary practice fire drills the STREET-ALARM-

He shall be familiar with the operation and location of the interior alarm signal box on his floor.

He shall listen for the test signal each morning at the appointed hour and in the event of the test signal not being heard he shall communicate with the superintendent or other person in charge of the building and advise him of the fact. The (Floor Captains) Foreman's orders are final as to the carrying out of the fire drill on his particular floor.

Rule 3. Duties of Watchmen.

The WATCHMEN shall see that all doors and windows are closed so as to prevent the spread of fire. The WATCHMEN shall be the only persons permitted to remain on the floor during the progress of a fire drill and do so at their own risk. For ordinary purposes only one watchman and a substitute shall be designated. In special cases, however, extra watchmen may be assigned by consent in writing from Fire Commissioner.

Rule 4. Duties of Searchers.

The MALE and FEMALE SEARCHERS shall search all toilets, dressing rooms and emergency rooms used and frequented by their sex and all other portions of the floor and order all persons, except those authorized to remain, to leave the premises. They are to take care of and assist all persons who may faint or be disabled.

SEARCHERS shall leave the floor immediately after the last squad leaves.

miliar with the location of the nearest city fire alarm box and know how it is operated.

The STREET ALARM BOX RUNNER shall be fa-
Rule 5. Duties of Street Alarm Box Runner.

BOX-RUNNER shall report to the Foreman for orders, and if his services are not required he shall promptly file out of the premises with the other occupants.

Only when a fire actually occurs on his floor, or when ordered to do so by the Foreman, shall the STREET-ALARM-BOX-RUNNER proceed to the street alarm box and send in the fire alarm.

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Rule 6. Duties of Fire Brigade.

The fire brigade shall have full charge of the operation of all auxiliary fire fighting apparatus and shall endeavor to extinguish, or at least hold in check until the arrival of the fire department, any fire that may occur. When it is necessary for the fire brigade to respond to different floors in the building they shall not use the stairways or fire escapes while the occupants are escaping from the premises.

Rule 7. Duties of Exit Guards.

The EXIT GUARDS shall station themselves at all exit doors leading to fire escapes, stairways and other means of escape immediately upon the sounding of the alarm. There shall be two guards for each exit, if practicable; one to stand in the hallway holding back the door and the other directly inside on the floor. They are to keep the exit doors open and direct the movements of the persons using these exits and prevent congestion.

EXIT GUARDS shall remain at their stations until all of the occupants of the building have passed their station. Then close their doors and pass out of the building. Upon signal for the occupants to return, EXIT GUARDS shall take their designated stations and remain there until all persons have returned to their respective floors.

Rule 8. Duties of Squad Monitors.

The SQUAD MONITORS, as soon as the alarm is sounded, shall see that the employees under their charge quickly form into line, two abreast, and numbering not more than thirty to each squad. They shall see that all aisles and passageways are cleared of obstructions.

Note: Chairs, stools, baskets, etc., should be pushed under or placed on top of work benches.

MONITORS shall proceed at the head of their respective squads to the exit assigned, and then march up or down the stairs or to other exits as directed by the EXIT GUARDS.

On reaching the sidewalk MONITORS shall keep their squads in order and lead them a reasonable distance from the building, so as not to cause congestion and interference with fire apparatus. When the proper signal is given they shall return to their respective floors at head of their squads.

MONITORS will at all times see that those under their charge conduct themselves in a respectable and orderly manner.

Rule 9. Holding of Drills.

FIRE DRILLS shall be held at least once each month at varied hours of the day, and all of the occupants shall participate therein simultaneously. Such drills shall conduct all occupants to a place of safety.

Where dual operation interior fire alarm systems are installed as permitted under Rule 11 of the interior fire alarm

rules of the Board of Standards and Appeals, the fire drill conducted each month shall include all of the persons on the premises engaged at work for a factory, and drills shall be conducted at least twice each year in which all of the persons on the premises shall participate simultaneously.

Rule 10. Duties of Owner.

It shall be the duty of the OWNER, LESSEE OR TENANT OF THE BUILDING or his authorized agent or their representatives to personally observe that the "Fire Drill" is held simultaneously on every floor of the building and the participation therein of every occupant of such building. Any FIRE DRILL in which all of the occupants do not participate shall not be considered as complying with the LAW, except as otherwise provided in these rules.

The person or persons representing the OWNER, LESSEE OR TENANT who supervises the FIRE DRILL at the building shall submit to an examination by the Bureau of Fire Prevention as to their experience and general fitness for such duties, and shall be so certified in writing by the FIRE COMMISSIONER.

Rule 11. Duties of Engineer.

It shall be the duty of the ENGINEER, SUPERINTENDENT or other PERSON IN CHARGE of a building having an interior fire alarm system to test such system daily immediately after the beginning of business, and to see that all apparatus operated by springs requiring winding are rewound after each alarm and kept in normal condition for operation.

Whenever it is necessary to test the fire alarm system at any other time of the day, owing to repairs, etc., being made, the PERSON IN CHARGE OF BUILDING will first notify all Foremen of the several floors of the intended test and likewise notify them when the repairs, etc., are completed. This precaution is taken to prevent confusion and excitement, also misunderstanding of the alarm signals.

It shall also be the duty of the PERSON IN CHARGE OF BUILDING to sound the interior alarm system at irregular intervals, but not less than once each calendar month, for the purpose of holding practice fire drills. He shall keep on the premises a record of such drills showing the date when held and the required time for all occupants to reach the street or a point of safety outside the building.

The PERSON IN CHARGE OF BUILDING must immediately acquaint new tenants of the existence of the "Fire Drill" Organization and its purport.

Rule 12. Registration.

The name and address of every person, corporation or co-partnership, that will, under professional service, carry on the trade, business or calling of establishing, maintaining or supervising the "Fire Drill" shall be registered in the Fire Department, which Department shall, upon evidence of fitness, grant a certificate to that effect.

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
 1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R.
 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A"
 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
 209-32-SA—Crocker 4-inch Siamese.
 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
 528-32-SA—Weldon Extinguisher.
 23-33-SA—Sunrex Range Oil Burner.
 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
 164-33-SA—Firemaster Fire Extinguisher.
 218-33-SA—Presto Gas Pressing Machine Burner No. 10.
 32-34-SA—Super Oil Burner for Pressing Machine.
 77-34-SA—Packard Fuel Oil Burner.
 128-34-SA—Bastian-Morley Oil Burner, Model M (Kero Water Heater).
 156-34-SA—Allen's Siamese Connections for Fire Department use.
 165-34-SA—Rose Oil Heater.
 203-34-SA—King Oil Burner.
 205-34-SA—Automatic Firetox Extinguisher.
 224-34-SA—Progressive Press Machine Oil Burner.
 300-34-SA—Johnson Anti-Syphon Rotary Plunger Pump.
 301-34-SM—"Radbur" Flameproofing Compound.
 321-34-SA—Shawmut "Junior" Range Burner.
 322-34-SA—Shawmut "DeLuxe" Range Burner.
 325-34-SA—Diamond Range Oil Burner.
 356-34-SA—Hypressure Jenny (Spray Cleaning Unit), Models D and F.
 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
 30-35-SA—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve.
 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
 47-35-SA—Ace Rotary Oil Burner.
 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
 97-35-SA—Roper Rotary Pump for Fuel Oil.
 113-35-SA—Ryan Marvel Oil Burner, Model M.
 123-35-SA—National Airoil Safety Tank Filling Valve.

- 133-35-SA—Monarch Industrial Oil Burner.
 135-35-SA—Loyalty Conversion Hot Water Heater.
 139-35-SA—Syncro-Flame Oil Burner, Model RH.
 156-35-SA—Gillespie Elevator Shaft Door Switch.
 157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.
 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
 165-35-SA—Serv-Well Range Oil Burner, Models 27B and 27T.
 166-35-SA—ServWell Space Heater, Models 247T and 248.
 167-35-SA—Serv-Well Water Heater, Models 255A and 255B.
 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
 180-35-SA—Majestic Range Oil Burner, Models 27B and 27T.
 181-35-SA—Majestic Space Heater, Models 247T and 248.
 182-35-SA—Majestic Water Heater, Models 255A and 255B.
 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
 190-35-SA—Air-O-Flame Space Heater, Pot Type, Models 808, 810 and 108.
 204-35-SA—Rhode Island Fill Box for Fuel Oil.
 206-35-SA—Air-O-Flame Space Heater (Sleeve Type), Models 1591, 1582, 71, 91, 1572, 572 and 582.
 207-35-SA—Cole's Blast Oil Burning Heating Stove.
 208-35-SA—Oceco Rotary Pump for Petroleum Products.
 213-35-SA—Preferred Fill Box.
 214-35-SA—Simplex Terminal Fill Box.
 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
 217-35-SA—Brigham Oil Burner.
 219-35-SA—United Copper Service Pipe.
 223-35-SA—Newbury Fill Caps for fuel oil.
 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
 231-35-SA—Sealtite Fill Cap for fuel oil.
 241-35-SA—Carbonic Gas Equipment Company Dry Ice Converter.
 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
 244-35-SA—Woollev Patent Mechanical Oil Burner.
 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
 249-35-SA—Acme High and Low Water Alarm Tank Switch.
 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
 263-35-SA—Ker-Oil Automatic Water Heater.
 264-35-SA—Perfect Automatic Oil Burner, Models O-5, O-7, O-8, O-10, DL-7, DL-8 and DL-10.
 265-35-SA—French Automatic Oil Burner, Model 5 De Luxe.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

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Requests for modification denied	0
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Requests for extension of permit denied	0
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Administrative requests granted	0
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Requests withdrawn or dismissed	20
Total	888

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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OF THE

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Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

NOVEMBER 5, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 45

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELLIGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Rules of Procedure.

Approved Fireline Hose Valves.

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Approved Burners for Industrial Use.

Approved Range Oil Burners and Space Heaters.

Progress Report.

PUBLIC HEARINGS

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Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, November 4, 1935, at 2 o'clock*. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Tuesday, November 12, 1935, at 2 o'clock*.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

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298-35-A.....	F.D.....	Transportation of Fuel Oil in Truck in New York City, 7660-L.C.
297-35-A.....	F.D.....	681 Brook avenue, northwest corner of East 163rd street (Block 2363, Lot 1), The Bronx, Decision.
296-35-BZ....	D.B.B....	1751-1767 Coney Island avenue, east side, 165 ft. south of Avenue N (Block 6749, Lots 83, 86 and 89), Brooklyn, Applic. 11580-35.
295-35-A.....	D.B.B....	101-113 Beard street, southwest corner of Richards street (Block 612, Lot 1 and part of Lot 64), Brooklyn, Applic. 6212-35.
294-35-BZ....	D.B.B....	349-351 Columbia street, east side, 100 ft. north of Coles street (Block 510, part of Lot 5), Brooklyn, Applic. 11043-35.
293-35-A.....	D.B.M....	39 West 19th street (Block 821, Lot 14), Manhattan, 23179-F.

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1238-18-BZ...	D.B.Bx...	883 Tinton avenue, west side, 126.13 ft. north of East 161st street (Block 2658, Lot 57), The Bronx, Alt. 304-35.
172-21-BZ...	D.B.M....	564 Riverside drive, east side, 193.10 ft. south of St. Clair place, (Block 1995, Lot 70), Manhattan, Sign Applic. 46-35.
106-35-BZ...	D.B.Q.....	153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block 829, Lot 20), Jamaica, Queens, Decision.

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H.D.....	Health Department
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Picerno v. Langworthy—October 23, 1934, Board denied gas station in business district under section 21; Cal. No. 206-34-BZ, premises southwest corner Jewett avenue and Castleton avenue, Port Richmond, S. I. Appeal from denial of certificate of occupancy for gas station at same location, Cal. No. 201-35-A, on reserve calendar pending disposition of mandamus proceeding to compel issuance of certificate of occupancy and necessary permits. Mr. Justice Dunne denied motion for mandamus. (N. Y. L. J., October 25, 1935.)

* * *

In re Kings Bay Realty Corp. (Board of Standards and Appeals)—On April 16, 1935, Board denied gas station, partly in a business district and partly in a residence district, under section 21; Cal. No. 296-32-BZ; premises northwest corner Kings Highway and Stillwell avenue, Brooklyn. Mr. Justice Adel sustained Board. (N. Y. L. J., October 29, 1935.)

* * *

In re Ruth Bond & Mort. Co., Inc. (Murdock)—October 24, 1933, Board denied request to reopen application on smaller area, at same premises where it previously denied gas station, partly in a business and partly in a residence district, under section 21; Cal. No. 177-31-BZ; premises northwest corner Kings Highway and Nostrand avenue, Brooklyn. Mr. Justice Adel sustained Board. (N. Y. L. J., October 29, 1935.)

CALL OF CLERK'S CALENDAR

MONDAY, NOVEMBER 4, 1935, AT 2 P. M.

Building Zone Cases.

247-35-BZ.
APPLICANT—Scacchetti & Siegel, for Teresa Pisaniello, owner.
PREMISES—3007-3009 East Tremont avenue and 1491 Ericson place, northwest corner (Block No. 5381, Lot No. 38), The Bronx.
APPLICATON, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

35-34-BZ.
APPLICANT—Sidney L. Strauss, for Fannie Levy, owner.
PREMISES—625-631 West 176th street and 74 Wadsworth avenue, northwest corner (Block No. 2145, Lot No. 54), Manhattan.

CALENDAR

APPLICATION, under section 21 of the building zone resolution (reopened May 7, 1935),
TO PERMIT in a residence district the erection and maintenance of a building to be used as stores and also a motor vehicle repair shop.

254-35-BZ.

APPLICANT—Scacchetti & Siegel, for Winter Mead and R. Hawley Truax, as trustees of owner.

PREMISES—300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Manhattan.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated), a portion of the garage having been previously granted by the board.

276-35-BZ.

APPLICANT—Frank S. Parker, for General Motors Corporation, owner.

PREMISES—224-228 West 57th street and 1758-1770 Broadway, southeast corner (Block No. 1028, Lot No. 47), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing business building to a garage for more than five (5) motor vehicles.

NOVEMBER 6, 1935, 10 A. M. SPECIAL MEETING.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, November 6, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 198-35-BZ—Application, July 16, 1935, under sections 7b and 7c of the building zone resolution, of Abraham Farber, applicant, on behalf of Lena Cohen and Aaron Cohen, owners, to permit partly in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building to business use (store); premises 1314 41st street, south side, 85 ft. east of 13th avenue (Block No. 5594, Lot No. 10), Brooklyn.

CAL. NO. 203-35-BZ—Application, July 24, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Charles Kuegerl, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 260-02 Hillside avenue, southeast corner of 260th street (Block No. 4536, Lot No. 33), Queens Village, Borough of Queens.

CAL. NO. 145-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Charles Ginsberg and Max Chesnoff, owners, to permit in a busi-

ness district the erection and maintenance of a gasoline service station; premises 105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

CAL. NO. 212-35-BZ—Application, August 5, 1935, under section 21 of the building zone resolution, of Thomas W. Lamb, Inc., applicant, on behalf of Edwin J. Long, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

CAL. NO. 218-35-BZ—Application, August 14, 1935, under section 21 of the building zone resolution, of William Shary, applicant, on behalf of G. & D. Realty Corporation, owner, to permit in a business district the alteration and change of occupancy of part of an existing business building so as to include a gasoline service station; premises 2368-2372 Jerome avenue and 2-6 East 184th street, southeast corner (Block No. 3187, Lot No. 25), The Bronx.

CAL. NO. 258-35-BZ—Application, September 25, 1935, under sections 7a, 7b and 21 of the building zone resolution, of Henry C. Brucker, applicant, on behalf of Octagon Laundry, Inc., owner, to permit the extension from a business district into a residence district of an existing wet wash laundry and the erection, partly in a business district and partly in a residence district, of a proposed garage for more than five (5) motor vehicles as an accessory to the laundry; premises 2120-2124 Menahan street (rear), south side, 185.96 ft. east of Grandview avenue (Block No. 3373, Lot No. 18), Ridgewood, Borough of Queens.

CAL. NO. 825-27-BZ—Application of Alfred Taffett, on behalf of Richard Morrison, owner, reopened June 18, 1935, under section 21 of the building zone resolution, to permit in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles (previously denied for a gasoline service station); premises southeast corner of Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), The Bronx.

CAL. NO. 196-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of Elizabeth Scheurer and Anna A. Scheurer, applicants and owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 40-01 23rd drive, northeast corner of Steinway street (avenue); (Block No. 793, Lot No. 26), Astoria, Borough of Queens.

CAL. NO. 232-35-BZ—Application, September 3, 1935, under section 7b of the building zone resolu-

CALENDAR

tion, of Lawrence M. Rothman, applicant, on behalf of Wolf-Kahn Realty Corporation, lessee (25-year lease), to permit the erection and maintenance of an addition to an existing business building located within a business district, a part of the addition to extend into a residence district; premises 308-324 East Fordham road, southwest corner of Elm place (Block No. 3023, Lot No. 26), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 6, 1935, 2 P. M. SPECIAL MEETING.

Appeals from Administrative Orders.

- 220-35-A—273 Brighton Beach avenue, north side, 40 ft. east of Lakeland place (Block No. 7284, Lot Nos. 1131 and 1132), Brooklyn.
- 283-35-A—Transportation of Fuel Oil in Trucks in New York City.
- 286-35-A—51-61 Union street, northwest corner of Van Brunt street (Block No. 334, Lot No. 34), Brooklyn.
- 289-35-A—117 West 42d street, north side, 200 ft. west of 6th avenue (Block No. 995, Lot No. 24), Manhattan.

Variation of Labor Law.

- 275-35-S—225-227 Cook street, north side, 175 ft. east of White street (Block No. 3118, Lot No. 30), Brooklyn.

Appliance Submitted for Approval.

- 292-35-SA—J. H. N. Fill Pipe Terminal.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday afternoon, November 6, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

- CAL. NO. 4-34-BZ—Application of Samuel Rosenblum and Earl I. Gallant, applicants, on behalf of Josephine J. Schnurmacher, owner, reopened June 25, 1935, under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station (previously withdrawn): premises 4025-4029 White Plains avenue, west side, 168.51 ft. south of East 228th street (Block No. 4829, Lot No. 11), The Bronx.

- CAL. NO. 168-35-BZ—Application, June 21, 1935, under section 21 of the building zone resolution, of Henry Lichtig, applicant, on behalf of Spoolan Realty Corporation, owner, to permit in a business district the alteration and change of occupancy of part of an existing building from stores to motor vehicle repair shop; premises 841-847 East 149th street, northeast corner of Union avenue (Block No. 2674, Lot Nos. 17, 18, 19 and 20), The Bronx.

- CAL. NO. 194-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of William J. Carey, applicant, on behalf of William J. Carey and May E. Carey, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot No. 26), Rosedale, Borough of Queens.

- CAL. NO. 533-28-BZ—Application of Eugene De Rosa, on behalf of 2291 Realty Corporation, owner, reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district, the erection and maintenance of a business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935, to change the application to permit an apartment house with stores on 1st story; premises 2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR TUESDAY, NOVEMBER 12, 1935, AT 2 P. M.

Building Zone Cases.

119-35-BZ.

APPLICANT—Chester Baffa, for Annie E. Clark, owner.
PREMISES—502 Atlantic avenue, south side, 200 ft. west of Third avenue (Block No. 185, Lot No. 18), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the conversion of occupancy of an existing building (auto laundry) to a motor vehicle repair shop.

246-35-BZ.

APPLICANT—Lama and Proskauer, for Elinor D. Manson and Nora M. Reich, owners.
PREMISES—62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

251-35-BZ.

APPLICANT—William B. Linder, for State Engineering Corp., owner.
PREMISES—2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Brooklyn.

APPLICATION, under sections 7c and 21 of the building zone resolution,
TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a business building (stores).

273-35-BZ.

APPLICANT—Walter B. Woodruff, for John T. Woodruff & Son, owner.
PREMISES—33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

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APPLICATION, under sections 7a, 7c and 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

278-35-BZ.

APPLICANT—C. A. Sandblom, for Moe Weinberger, owner.

PREMISES—333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Brooklyn.

APPLICATION, under sections 7a, 7c and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre.

NOVEMBER 13, 1935, 10 A. M. SPECIAL MEETING.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, November 13, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 114-35-BZ—Application, May 3, 1935, under section 21 of the building zone resolution, of McLaughlin and Stern, applicants, on behalf of Martrese Corporation, owner, to permit in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant); premises 214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

CAL. NO. 112-35-BZ—Application, April 30, 1935, under section 21 of the building zone resolution, of Philip Wolfson, applicant, on behalf of Giuseppa Genco, owner, to permit in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop; premises 115-61 Merrick road and 172-01 116th avenue, northeast corner and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Borough of Queens.

CAL. NO. 255-35-BZ—Application, September 23, 1935, under section 21 of the building zone resolution, of New York Railways Corporation, applicant and owner, to permit in

a business district an alteration and conversion of a building used for housing street cars to a garage for more than five (5) motor vehicles; premises 1552-1560 Lexington avenue, northwest corner of East 99th street and 1301-1309 Park avenue (Block No. 1627 (West), south part of Lot No. 1), Manhattan.

CAL. NO. 272-30-BZ—Application of Jacob A. Freedman, applicant, on behalf of Rubel Corporation, owner, reopened October 1, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (remitted by order of the Court for hearing); premises 440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 13, 1935, 2 P. M. SPECIAL MEETING.

Appeals from Administrative Orders.

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

14-35-A—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

257-35-A—15-27 North Oxford street (Block No. 2029, Lot Nos. 9 and 10), Brooklyn.

Variation of Labor Law.

268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday afternoon, November 13, 1935*, at 2 o'clock in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 84-35-BZ—Application, March 29, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Dickel Construction Company, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 77-04 to 77-12 Jamaica avenue, south side, 20.03 ft. east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Borough of Queens.

CAL. NO. 477-28-BZ—Application of Scacchetti and Siegel, on behalf of Cabin Holding Corporation, owner, reopened July 16, 1935, under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as

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to include a motion picture theatre; premises 2029 Grand concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

CAL. NO. 154-35-BZ—Application, June 15, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Assets Control Company, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, NOVEMBER 18, 1935, AT 2 P. M.

Building Zone Cases.

205-35-BZ.

APPLICANT—Samuels and Samuels, for Bobrose Developments, Inc., owner.

PREMISES—163-03 Northern boulevard, northeast corner of 163rd street (Block No. 5338, Lot No. 5), Flushing, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of an existing building so as to include a gasoline service station.

284-35-BZ.

APPLICANT—Scacchetti and Siegel, for Charles E. Sackmann and Anjie A. Sackmann, owners.

PREMISES—725 Church avenue, north side, 156 ft. 6¾ in. east of East 7th street (Block No. 5330, Lot Nos. 55 and 60), Brooklyn.

APPLICATION, under sections 7c and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a business building (stores and motion picture theatre).

NOVEMBER 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, November 19, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

CAL. NO. 120-35-BZ—Application of Maxwell A. Cantor, applicant, on behalf of Andon E. Andon, owner, reopened October 22, 1935, un-

der section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, applicant, on behalf of Thema Rosen, owner, reopened October 22, 1935, under section 7h of the building zone resolution, to permit in a business district for a period not greater than two (2) years, the parking or storage of more than five (5) motor vehicles on a lot or plot unbuilt upon; premises 2871 Bailey avenue, west side, 107.59 ft. south of West 230th street (Block No. 3264, part of Lot Nos. 70 and 79), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 19, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, November 19, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 117-35-BZ—Application, May 8, 1935, under section 21 of the building zone resolution, of William J. Wilson, applicant, on behalf of Rose Bozzi, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 26, 1935, 2 P. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, November 26, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:*

CAL. NO. 106-35-BZ—Application of Frank G. Whiteside, on behalf of Fourth Assembly District Unit, Republican League of Queens County, Inc., lessee, reopened October 29, 1935, for consideration of an amendment to the resolution of July 16, 1935, as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a residence district the change of occupancy of an existing building to business use (restaurant, ball room, etc.); premises 153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, OCTOBER 29, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, October 22, 1935 and the minutes of the regular meeting of the board held on Tuesday afternoon, October 22, 1935, were approved as printed in Bulletin No. 44, Volume XX.

BUILDING ZONE CASES.

84-35-BZ.

APPLICANT—Samuels & Samuels, for Dickel Construction Company, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—77-04 to 77-12 Jamaica avenue, south side, 20.03 ft. east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Queens.

APPEARANCES—

For Applicant: Archie Samuels and George Dickel, Jr.

For Opposition: James Loughlin, Charles Tilgner and Bernard F. Nathan.

ACTION OF BOARD—Laid over to November 13, 1935 at 2 P. M. for a report of committee on inspection. No further argument.

4-34-BZ.

APPLICANT—Samuel Rosenblum and Earl I. Gallant, for Josephine J. Schurmacher, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station (previously withdrawn re garage and gasoline station); (reopened June 25, 1935).

PREMISES AFFECTED—4025-4029 White Plains avenue, west side, 168.51 ft. south of East 228th street (Block No. 4829, Lot No. 11), The Bronx.

APPEARANCES—

For Applicant: Samuel Rosenblum.

For Opposition: None.

ACTION OF BOARD—Laid over to November 6, 1935 at 2 P. M. for a report of committee on inspection. No further argument.

168-35-BZ.

APPLICANT—Henry Lichtig, for Spoolan Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing building from stores to motor vehicle repair shop.

PREMISES AFFECTED—841-847 East 149th street, northeast corner of Union avenue (Block No. 2674, Lot Nos. 17, 18, 19 and 20), The Bronx.

APPEARANCES—

For Applicant: Henry Lichtig, Alexander B. M. Pain and William Sudbrink.

For Opposition: Oscar Blum.

ACTION OF BOARD—Laid over to November 6, 1935, at 2 p. m., for report of committee on inspection. No further argument.

194-35-BZ.

APPLICANT—William J. Carey, for William J. Carey and May E. Carey, owners.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot No. 26), Rosedale, Queens.

APPEARANCES—

For Applicant: William J. Carey.

For Opposition: L. C. Squire and L. D. Bell.

ACTION OF BOARD—Laid over to November 6, 1935 at 2 P. M. for a report of committee on inspection. No further argument.

594-29-BZ.

APPLICANT—Benjamin Millstein, for Morey Motors, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station (reopened February 26, 1935, under new facts; previously denied).

PREMISES AFFECTED—5812-22 Bay parkway and 2177-83 59th street, northwest corner (Block No. 5508, Lot No. 44), Brooklyn.

APPEARANCES—

For Applicant: None.

For Opposition: James M. Butterly.

ACTION OF BOARD—Application withdrawn upon written request of applicant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

127-35-BZ.

APPLICANT—Jacob J. Wollman and Casper P. Colla, for Joseph Angelone, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the use of a plot of ground as a junk shop.

PREMISES AFFECTED—115-117 Truxton street, north side, 220 ft. east of Sackman street (Block No. 1544, Lot No. 45), Brooklyn.

APPEARANCES—

For Applicant: Casper P. Colla, Joseph Angelone and Philip F. Jacobs.

For Opposition: Dr. A. Cogliano.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(127-35-BZ)

WHEREAS, Jacob J. Wollman and Casper P. Colla, for Joseph Angelone, owner, filed May 18, 1935, an application under the building zone resolution to permit in a business district the use of a plot of ground as a junk shop; premises: 115-117 Truxton street, north side, 220 ft. east of Sackman

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street (Block No. 1544, Lot No. 45), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 29, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Truxton street is in a business district; Somers street is in a business district; Sackman street is in a business district, and Conway street is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered August 9, 1935, re App. No. 4524-1935, reads:

"Auto-wrecking, storage and sale of used auto parts is considered a junk shop. Junk shop in a business use district is contrary to Art. 2, Sec. 4a (20) of Building and is therefore denied."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 27 ft. 8 in. and a depth of 100 ft; it is proposed to use this plot for auto wrecking and the storage and sale of used parts of said autos; and

WHEREAS, these premises were the subject of an inspection by a committee of the board prior to the hearing, verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, this report recommended the denial of this application and the board deemed that the applicant did not substantiate his basis of appeal under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

96-35-BZ.

APPLICANT—Matthew W. Del Gaudio, for The Elmcroft Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1301-1319 Castle Hill avenue and 2171-2181 Westchester avenue, northwest corner (Block No. 3935, Lot No. 1), The Bronx.

APPEARANCES—

For Applicant: Matthew W. Del Gaudio.

For Opposition: Morris Pottish, Benjamin Rich, Isidor M. Katz, George A. Hefter, Abraham B. Conan, Benjamin Eisman, Morris Michelson and others.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commrs. Savage and Blum and Assistant Chief Kidney.. 4

Absent 0

THE RESOLUTION—

(96-35-BZ)

WHEREAS, Matthew DelGaudio, for The Elmcroft Corp., owner, filed April 12, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises 1301-1319 Castle Hill avenue and 2171-2181 Westchester avenue, northwest corner (Block No. 3935, Lot No. 1), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 29, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Westchester avenue is in a business district; Castle Hill avenue is in a business district;

Lyon avenue is in a residence and business district; Purdy street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered March 23, 1935, re N. B. Application No. 64-1935, reads:

"1. Erection of buildings and occupancy of premises in business district for use as gasoline service station is contrary to provisions of building zone resolution."; and

WHEREAS, the premises consist of a plot of ground having a frontage of 105 ft. on Westchester avenue and 174.5 ft. on Castle Hill avenue, upon which it is proposed to erect a one-story grease pit, office and oil storage structure 84 ft. by 21 ft. in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, these premises were the subject of an inspection by a committee of the board prior to the hearing, verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, this report recommended the denial of this application and the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution, and, therefore, was not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

169-20-BZ.

APPLICANT—William F. Regan, for Karl C. Hermon, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (in lieu of a garage for more than five (5) motor vehicles previously granted by the board): (reopened June 25, 1935).

PREMISES AFFECTED—1617-1627 Neptune avenue and 3127-3131 Cropsey avenue, northeast corner (Block No. 6995, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Hyman L. Schwartz and William F. Regan.

For Administration: Assistant Engineer Benjamin Saltzman, department of buildings.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative: Assistant Chief Kidney 1

Absent 0

THE RESOLUTION—

(169-20-BZ)

WHEREAS, Cohn Brothers, architects, for Philip Winorsky, owner, filed March 9, 1920, with the Board of Standards and Appeals, an application under the building zone resolution, to permit in a business use district the erection and maintenance of a garage for more than five (5) motor vehicles; premises 1617-1627 Neptune avenue and 3127-3131 Cropsey avenue, northeast corner (Block No. 6995, Lot No. 1), Borough of Brooklyn; and

WHEREAS, this application was granted by the board, March 30, 1920, on certain conditions; and

WHEREAS, William F. Regan, for Karl C. Hermon, present owner, requested a reopening of the case and an amendment of the resolution to substitute a gasoline service station for the garage; and

WHEREAS, this application was reopened by vote of the Board, June 25, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular

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meeting, October 29, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the decision of the commissioner of buildings, rendered June 13, 1935, re Applic. No. 6711-1935, reads:

"Proposed gasoline service station to be located in a business use district is contrary to Art. II, Sect. 4a of Zone Resolution.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on Neptune avenue and 60 ft. on Cropsey avenue, upon the plot there is located a partly demolished garage. It is proposed to erect along the north and east line of the plot a one-story structure to be used as office, grease racks, auto laundry and stores and to use the remainder of the plot as a gasoline service station; and

WHEREAS, this garage building has been partially demolished due to street widening and applicant requests permission to erect a gasoline service station on this site; and

WHEREAS, these premises were inspected by a committee of the board on numerous occasions prior to and since the filing of present application; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby amend resolution adopted by the board on March 30, 1920, by adding thereto the following:

"that upon the completion of the widening of Neptune avenue and the reduction in the area of this plot to 60 ft. along Cropsey avenue, the garage hereinbefore permitted may be reconstructed as indicated on plans marked 'Received August 21, 1935,' so as to permit an occupancy as a gasoline service station, on condition that the accessory buildings as indicated thereon shall not exceed one story in height and shall be constructed of incombustible materials except that the roof framing and roof boarding, door frames and doors and window frames and sash may be of wood, provided the ceilings throughout are fire retarded in accordance with the Rules of the Board of Standards and Appeals and

that the roof weather surfacing be of non-inflammable material and that there are no openings in the brick wall to adjoining premises to the north and east; that there shall be no open excavation under these buildings except pits for the greasing racks; that the fronts of the greasing section space remain open; that the entire plot where not covered by accessory buildings shall be cement paved; that gasoline pumps erected shall be not nearer than 12 ft. of the building line of Neptune and Cropsey avenues; that there shall be erected along building line of Cropsey avenue and Neptune avenue a reinforced concrete curb not less than 12 inches in width and 5 in. in height with rounded top, with not over three (3) openings therein to Neptune avenue and not over two (2) openings to Cropsey avenue; that no part of any opening shall be nearer than 5 ft. to the corner formed by the intersection of Cropsey and Neptune avenues and no nearer than 7 ft. to the interior lot line on Neptune avenue and 3 ft. on Cropsey avenue; that there shall be no automobile repairing permitted on premises and no parking of cars other than those being serviced; that no portable gasoline tanks shall be used on or from the premises; that all advertising shall be limited to illuminated globes of gasoline pumps and to a permanent flat sign attached to the front of accessory building, excluding all temporary signs and roof signs, but permitting one post standard erected within the building line near the intersection of Cropsey and Neptune avenues, for the support of an illuminated electric sign, advertising only the brand of gasoline on sale and permitting this sign to extend beyond the building line for a distance not more than 8 ft.; granted for a period of ten (10) years from the date of this amended resolution; and that all permits shall be obtained within six months and all work completed within one year from the date of this amended resolution."

Adjourned, 1:30 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, OCTOBER 29, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

533-28-BZ.

APPLICANT—Eugene DeRosa, for 2291 Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), reopened May 21, 1935, under sections 7c and 21 of the building resolution, to permit in a residence district the erection and maintenance of a business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935, to change the application to permit an apartment house with stores on 1st story.

PREMISES AFFECTED—2255-2291 Grand concourse, west side, 93 ft. south of East 183rd street, Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

APPEARANCES—

For Applicant: Eugene DeRosa and Sidney R. Diamond.

For Opposition: William J. S. Molinari and Norman Lipkind.

ACTION OF BOARD—Laid over to November 6, 1935, at 2 P. M., for further consideration and final determination by board.

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

PREMISES AFFECTED—2029 Grand concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPEARANCES—

For Applicant: Frederick Hemley.

For Opposition: Herman B. Sarno, Joseph L. Forscher and Samuel A. Grubman.

ACTION OF BOARD—Laid over to November 13, 1935, at 2 P. M., applicant to submit revised plans.

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154-35-BZ.

APPLICANT—Samuels & Samuels for Assets Control Company, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gaso-line service station.

PREMISES AFFECTED—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: None.

ACTION OF BOARD—Laid over to November 13, 1935, at 2 P. M., for further consideration by the board.

1238-18-BZ.

APPLICANT—Irving M. Fenichel, for Morrisinia Stock Farms, Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings), under sections 7a and 21 of the building zone resolution, to permit in a business use district the extension of a milk distributing station and stable (previously granted for the conversion of a stable into a garage for more than 5 motor vehicles).

PREMISES AFFECTED—883 Tinton avenue, west side, 126.13 ft. north of East 161st street (Block No. 2658, Lot No. 57), The Bronx.

APPEARANCES—

For Applicant: Irving M. Fenichel.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

172-21-BZ.

APPLICANT—John J. Dunnigan, for Riverside-St. Clair Corp., owner.

SUBJECT—Application for reopening—amendment—re Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the erection of an electric roof sign.

PREMISES AFFECTED—564 Riverside drive, east side, 193.10 ft. south of St. Clair place (Block No. 1995, Lot No. 70), Manhattan.

APPEARANCES—

For Applicant: John J. Dunnigan.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

106-35-BZ.

APPLICANT—Frank G. Whiteside, Fourth Assembly District Unit of the Republican League of Queens County, Inc., lessee.

SUBJECT—Application for reopening—amendment—re Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the

change of occupancy of an existing building to business use (restaurant, ballroom, etc.).

PREMISES AFFECTED—153-14 90th Avenue, south side, 100.08 ft. East of 153rd street (Block No. 829, Lot No. 20), Jamaica, Queens.

APPEARANCES—

For Applicant: Frank G. Whiteside.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing November 26, 1935, at 2 P. M.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

234-35-BZ.

APPLICANT—Larry Meltzer, for Katie Kirshenbaum, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution to permit in a residential "D" area district the erection and maintenance of a one-story one-car private garage.

PREMISES AFFECTED—1065 Hopkinson avenue and 1360-1370 Linden boulevard, southeast corner (Block No. 3641, Lot No. 28), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(234-35-BZ)

WHEREAS, Larry Meltzer, for Katie Kirshenbaum, owner, filed September 4, 1935, an application with the Board of Standards and Appeals, affecting premises 1065 Hopkinson avenue and 1360-1370 Linden boulevard, southeast corner (Block No. 3641, Lot No. 28), Borough of Brooklyn; and

WHEREAS, the applicant failed to complete his papers, though duly notified by this office to do so.

Resolved, that the application be and it hereby is dismissed for lack of prosecution.

55-31-BZ.

APPLICANT—Office of Henry T. Child, for Emma D. Gardiner, present owner.

SUBJECT—Application (re decision of the superintendent of buildings), under section 21 of the building zone resolution, to permit in a business district on a plot on which the erection of a garage and gasoline service station was granted by the board, the omission of the garage and the erection of a gasoline service station only, the station being increased in area over that previously granted. (Reopened July 9, 1935.)

PREMISES AFFECTED—6401-6411 Ft. Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

APPEARANCES—

For Applicant: Sidney Schleman.

For Opposition: None.

ACTION OF BOARD—Resolution of June 16, 1931 and amendments thereto, rescinded.

THE VOTE TO RESCIND RESOLUTION OF JUNE 16, 1931, AND AMENDMENTS THERETO—

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Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(55-31-BZ)

WHEREAS, this application affecting premises 6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Borough of Brooklyn, was granted by the board June 16, 1931, on certain conditions but no work has been done and request has been made to reopen Cal. No. 653-29-BZ a prior case on these premises; and

WHEREAS, under Cal. No. 653-29-BZ, the board has under this date amended the previous resolution to permit the construction of a gasoline service station in lieu of a garage on a reduced area of the plot, *on condition* that the balance of the plot shall be used only for conforming purposes.

Resolved, that the resolution adopted by the board on June 16, 1931, and all amendments thereto be and they hereby are *rescinded*.

653-29-BZ.

APPLICANT—Office of Henry T. Child, for Emma D. Gardiner, owner.

SUBJECT—Application (re decision of commissioner of buildings), under section 21 of the building zone resolution to permit in a business use district the erection and maintenance of a gasoline service station, 101.64 ft. by 70.8 ft., on a plot on which the board granted a variation permitting the erection of a garage 101.64 ft. by 153.39 ft., for the storage of more than five (5) motor vehicles, the garage to be omitted. (Reopened October 8, 1935.)

PREMISES AFFECTED—6401-6411 Fort Hamilton parkway (avenue) and 956-972 64th street southeast corner (Block No. 5743, Lot No. 50 and part of Lot Nos. 45 and 48), Brooklyn.

APPEARANCES—

For Applicant: Sidney Schleman.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(653-29-BZ)

WHEREAS, the office of Henry T. Child, for Emma D. Gardiner, present owner, requested a reopening of this application filed, November 7, 1929, by David L. Blick, for Jack J. Falk, then owner, affecting premises 6401-6411 Fort Hamilton parkway (avenue), and 956-972 64th street, southeast corner (Block No. 5743, Lot No. 50, and part of Lot Nos. 45 and 48), Borough of Brooklyn; and

WHEREAS, under date of March 18, 1930, the board granted a variation of the use district regulation to permit the erection of a garage for more than five motor vehicles on these premises, with a frontage of 101.64 ft. on Fort Hamilton parkway (avenue) and 153.39 ft. on 64th street, which garage has not been erected; and

WHEREAS, present applicant requests the amendment of the resolution so as to omit the garage and erect a gasoline service station on a smaller portion of the site, the station to have a frontage of 101.64 ft. on Fort Hamilton parkway (avenue) and 53 ft. 4 in. on 64th street and a distance along the southerly lot line of 70 ft. 10 in.; and

WHEREAS, this application was reopened by vote of the board, October 8, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 29, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 64th street is in a residence and business district; Fort Hamilton parkway is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered August 7, 1935, re App. No. 9170-1935, reads:

"Gasoline service station in a business zone contrary to Art. II, Sect. 4a-46 of the zone resolution denied."; and

WHEREAS, the board under this calendar number granted on March 22, 1932, a zoning variation to permit the erection of a garage on the plot under appeal with the dimensions of 101.64 ft. on Fort Hamilton parkway (avenue) and 153.39 ft. on 64th street; and

WHEREAS, under Cal. No. 55-31-BZ, the board on June 16, 1931, granted a further zoning variation to permit the garage building to be reduced in area and the portion along Fort Hamilton parkway (avenue), for a depth of 28 ft. to be used as a gasoline service station; and

WHEREAS, the board as of today's date has rescinded its action under Cal. No. 55-31-BZ; and

WHEREAS, the applicant now desires to reduce the plot in depth along 64th street to 53 ft. 4 in. and proposes to erect on this plot as reduced a gasoline service station and to erect on the balance of the plot a building conforming to the zoning requirements; and

WHEREAS, these premises were the subject of an inspection by a committee of the board prior to the hearing, verbal report of which inspection was made by the chairman on behalf of the committee; and

WHEREAS, this report recommended the granting of this application and the board deems that applicant had substantiated the basis of his application under section 21 of the building zone resolution.

Resolved, that the resolution adopted by the board on March 18, 1930, be and it hereby is *amended* to permit, under section 21 of the building zone resolution, a plot of reduced area with a frontage of 101.64 ft. on Fort Hamilton parkway (avenue) 53 ft. 4 in. on 64th street and a distance along the southerly lot line of 70 ft. 10 in., to be used for a gasoline service station, *on condition* that there shall be erected on the interior lot lines a wall constructed of face brick and suitably coped, not less than 7 ft. in height; that this wall may be constructed at a height of 4 ft. where it meets the building line of Fort Hamilton parkway (avenue) and 64th street and be graduated at the rate of one foot in four to the 7-ft. height; that the accessory building shall be located toward the easterly portion of the plot along the plot line as indicated on plans filed marked "Received September 11, 1935"; that the lot line wall may be incorporated as a part of the rear building wall; that there shall be no openings in this wall or the wall of the accessory building to the plots adjoining to the east and south; that the accessory building shall be arranged substantially as indicated on plans and shall not exceed one story in height and shall be constructed of fireproof materials, except that the roof beams, roof boarding, door frames and doors, window frames and sash may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals and that the roof weather surfacing be of non-inflammable material; that there shall be no open excavation except the pits for the greasing racks; that the balance of the plot where not occupied by walls and accessory buildings shall be cement paved; that the pumps shall be erected not nearer than 10 ft to either street building line; that there shall be erected along the street building line of 64th street and Fort Hamilton parkway (avenue), a reinforced concrete curb not less than 12 in. in width and 5 in. in height with rounded top with not over one opening therein to

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64th street and not over two openings to Fort Hamilton parkway (avenue); that no opening shall exceed 25 ft. in width with curb cuts substantially opposite not exceeding 30 ft. in width; that no part of any opening shall be nearer the interior lot lines than 5 ft. and not nearer than 5 ft. to the intersection formed by 64th street and Fort Hamilton parkway (avenue); that there shall be no automobile repairing permitted on the premises and no parking of cars other than those being serviced; that no portable gasoline pumps shall be used on or from the premises; that advertising shall be restricted to the illuminated globes of the pumps and to a flat sign permanently affixed to the front of the building and to a post standard erected within the building line near the intersection of 64th street and Fort Hamilton parkway (avenue), carrying an illuminated sign advertising only the brand of gasoline for sale and permitting this sign to extend beyond the building line for a distance of not more than 8 ft. and excluding all roof signs and other signs of a temporary nature; that all permits required shall be obtained within six months and all work completed within one year from the date of this amended action; and *on further condition* that the balance of the plot along 64th street shall be used for conforming use in no way connected with the gasoline service station occupancy.

55-35-BZ.

APPLICANT—Samuels & Samuels, for Esther Weiss, owner.

SUBJECT—Application for reopening—extension of time—re Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—5255-5265 Kings highway and 5302 Preston court, southeast corner (Block No. 7949, Lot No. 10), Brooklyn.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(55-35-BZ)

WHEREAS, this application affecting premises 5255-5265 Kings Highway and 5302 Preston court, southeast corner (Block No. 7949, Lot No. 10), Borough of Brooklyn, was granted by the board May 14, 1935, on certain conditions and applicant requested an amendment of the resolution as to time limit imposed.

Resolved, that the resolution adopted by the board on May 14, 1935, be and it hereby is *amended*, only so far as it has reference to obtaining permits and completion of work, so that as amended this portion of the resolution will read:

"that after such approval all plans shall be approved by the commissioner of buildings within six months and all work completed within one year from the date of this amended resolution *on condition* that other than as amended herein the resolution adopted by the board on May 14, 1935, shall be complied with in all other respects."

500-28-BZ.

APPLICANT—William Shary, for Charles Zenker, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings), under sections 7c and 21 of the buildings zone resolution, permitting partly in a business district and partly in an unrestricted district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2801-2819 Bailey avenue, northwest corner of West Kingsbridge road (Block No. 3264, Lot No. 30), The Bronx.

APPEARANCES—

For Applicant: William Shary.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(500-28-BZ)

WHEREAS, this application affecting premises 2801-2819 Bailey avenue, northwest corner of West Kingsbridge road (Block No. 3264, Lot No. 30), Borough of The Bronx, was granted by the board January 22, 1935, on certain conditions and applicant requested an amendment of the resolution as to time limit imposed.

Resolved, that the resolution adopted by the board on January 22, 1935, be and it hereby is *amended*, only so far as it has reference to the completion of work, so that as amended this portion of the resolution will read:

"that in view of statement by applicant that working plans have been filed with and approved by the commissioner of buildings, that all work shall be completed within one year from the date of this amended resolution, *on condition* that other than as amended herein, the resolution adopted by the board on January 22, 1935, shall be complied with in all respects."

62-34-BZ.

APPLICANT—Henry G. Harrington, for Dagmar Matten Clements, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district the alteration of a structure occupied as garage and motor vehicle repair shop so as to permit the inclusion of a gasoline service station.

PREMISES AFFECTED—6502-6504 Fort Hamilton parkway, southwest corner of 65th street (Block No. 5750, Lot Nos. 19 and 20), Brooklyn.

APPEARANCES—

For Applicant: Henry G. Harrington.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

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THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(62-34-BZ)

WHEREAS, this application affecting premises 6502-6504 Fort Hamilton parkway, southwest corner of 65th street (Block No. 5750, Lot Nos. 19 and 20), Borough of Brooklyn, was granted by the board June 26, 1934, on certain conditions, amended January 8, 1935, and applicant requested a further amended of the resolution.

Resolved, that the resolution adopted by the board on June 26, 1934, as amended January 8, 1935, be and it hereby is further amended, so that as amended the resolution shall read:

"That the application be and it hereby is *granted on condition* that the part indicated on revised plans marked 'Received December 24, 1934,' of dimensions approximately 28 ft. on Fort Hamilton parkway and 45 ft. 9 in. on 65th street, shall be entirely cleared of all buildings and regraded to the approximate level of the street curb; that there shall be constructed along the westerly line between this building and the adjacent building an unpierced brick wall not less than 13 ft. in height; that all openings in the adjoining one-story building to the south shall be blocked up with masonry equivalent to the thickness of the wall, up to a height of at least 15 ft. above curb level, except that there may be one show window constructed as indicated not over 5 ft. square in size, provided this show window is equipped with a metal frame and fixed sash and glazed with ¼-inch wire plate glass; that the entire plot shall be cement paved; that there may be erected one greasing pit toward the westerly side; that no gasoline pump shall be nearer than 10 ft. to either street building line or any part of an adjacent building; *that there shall be constructed at the corner formed by the intersection of Fort Hamilton parkway and 65th street, a raised reinforced concrete island not less than 6 inches in height and triangular in shape, extending for a distance of 4 ft. westerly and southerly from the corner formed by the intersection of the two thoroughfares; that the foundation for the concrete island shall extend at least 12 inches below the grade of the present pavement;* that the curb cuts on 65th street and Fort Hamilton parkway shall not exceed 30 ft. in width; that no portable gasoline tanks shall be used on or from the premises; *that all advertising signs shall be confined to the illuminated globes of the gasoline pumps, excluding all other signs, but permitting the erection of a post standard within the building line near the intersection of the two thoroughfares to carry an illuminated sign advertising only the brand of gasoline on sale and permitting such sign to extend beyond the building line for a distance of not more than 8 ft.;* that no automobile repairing shall be done on this gasoline service station area; that there shall be no excavation under this plot except the pit for the greasing rack; that there may be constructed an office indicated on revised plans marked 'Received December 24, 1934,' where indicated toward the west, provided this office is not over one story in height, constructed of fireproof materials and with no openings therefrom into any portion of adjoining building, except that the roof of office may be of wood beams and roof boardings provided the weather surfacing of the roof is constructed of non-combustible material and the ceiling fire retarded in accordance with the Rules of the Board of Standards and Appeals; and that other than as amended herein the resolution adopted by the board on June 26, 1934, as amended December 18, 1934, and January 8, 1935, shall be complied with in all respects."

292-33-BZ.

APPLICANT—Bonomo Realty Corp., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2729-2755 Shell road, southeast corner of Canal avenue (Block No. 7250, part of Lot No. 33), Brooklyn.

APPEARANCES—

For Applicant: Harry De Borgos.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(292-33-BZ)

WHEREAS, this application affecting premises 2729-2755 Shell road, southeast corner of Canal avenue (Block No. 7250, part of Lot No. 33), Borough of Brooklyn, was granted by the board February 6, 1934, on certain conditions, time extended January 29, 1935, and applicant requested a further extension of the time limit imposed.

Resolved, that the Board of Standards and Appeals *docs* hereby amend resolution adopted by the board on February 6, 1934, only so far as it has to do with the completion of work, so that as amended this clause of the resolution shall read:

"... that in view of statement by the representative of owner that all plans have been filed and approved and that the work is partially completed, that all work shall be completed within nine months from the date of this amended resolution *on condition* that other than as amended herein the resolution adopted on February 6, 1934, shall be complied with in all respects."

103-35-BZ.

APPLICANT—Michael Levine, for Angelo Dell' Abate and Louis Piccola, owners.

SUBJECT—Application for reopening—amendment—(re decision of commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

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THE RESOLUTION—

(103-35-BZ)

WHEREAS, this application affecting premises 5001-5011 Flatlands avenue and 1869-1875 Utica avenue, northeast corner (Block No. 7798, Lot No. 33), Borough of Brooklyn, was granted by the board June 25, 1935, on certain conditions and owner requested an amendment of the resolution.

Resolved, that the Board of Standards and Appeals *does* hereby *amend* resolution adopted by the board on June 25, 1935, only so far as it refers to the material to be used in the building and wall, so that as amended this portion of resolution shall read:

"... on condition that there shall be erected on interior lot line to the north a wall, constructed in part of brick and in part of concrete blocks, stuccoed on both sides as indicated on revised plans, showing alteration and approved as complying with the resolution as amended, and marked 'Received October 28, 1935,' in substitution of plans approved by the chairman in behalf of the board under date of August 6, 1935, and only so far as it shows the arrangement and construction of accessory building and walls; and other than as amended herein the resolution adopted by the board on June 25, 1935, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS.

14-35-A.

APPELLANT—Marvel Bleach & Chemical Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

APPEARANCES—

For Appellant: B. J. Nova.

For Administration: None.

ACTION OF BOARD—Laid over to November 13, 1935, at 2 p. m., on request of appellant.

257-35-A.

APPELLANT—Frank E. Redmond, for Continental Baking Company, owner.

SUBJECT—Appeal from an order of the commissioner of buildings and a decision of the board of buildings.

PREMISES AFFECTED—15-27 North Oxford street (Block No. 2029, Lot Nos. 9 and 10), Brooklyn.

APPEARANCES—

For Appellant: Frank E. Redmond and H. C. Herwith.

For Administration: None.

ACTION OF BOARD—Laid over to November 13, 1935, at 2 p. m., for report of committee on inspection and additional information from lessee.

250-35-A.

APPELLANT—Nelson Bros. Coal Corporation, owner.

SUBJECT—Appeal from decision and orders of the fire commissioner—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: Edward L. Barton.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(250-35-A)

WHEREAS, Nelson Bros Coal Corp., owner, filed September 19, 1935, an appeal from a decision and orders of the fire commissioner, affecting the transportation of fuel

oil in Trucks in New York City, stored in 398 Hamilton avenue, Borough of Brooklyn; and

WHEREAS, the orders and decision of the fire commissioner read as follows:

Dated August 2, 1935, re Order No. 6885-LC—

"An inspection of truck 020 with tank on an autocar chassis 250119, used by you for the transportation of any liquid product of petroleum, shale oil or coal tar as required by section 113, article 8, chapter 10 of the code of ordinances of the City of New York, shows the following requirements necessary before a permit can be issued.

"1. Discontinue the use of tank having more than 600-gallon capacity in each compartment, section 4.2."

Dated August 2, 1935, re Order No. 6886-LC—

"An inspection of truck 032 with tank on an autocar chassis T10362, used by you for the transportation of any liquid product of petroleum, shale oil or coal tar, as required by section 113, article 8, chapter 10, of the code of ordinances of the City of New York, shows the following requirements necessary before a permit can be issued.

"1. Discontinue the use of tank having more than 600-gallon capacity in each compartment, section 4.2."

Decision dated August 24, 1935—

"Fire Commissioner McElligott, upon receipt of your letter of August 19, directed that the bureau of combustibles should investigate your complaint. Please be advised that that bureau states:

"Section 4.1 of the specifications provides that no tank shall have a carrying capacity exceeding 2500 gallons, which is the case on Truck No. 0-30; 0-31 and 0-32, and section 4.2 of the specifications provides that the total capacity of any one compartment shall not exceed 600 gallons. The compartments of all four tank trucks exceed this amount. Under these conditions, it was necessary to place the orders, as this department has no discretion in the matter. The only relief that this applicant can seek is from the Board of Standards and Appeals."

Dated October 8, 1935, Order No. 7574-LC, reads:

"An inspection of Truck No. 030, on an autocar chassis, used by you for the transportation of any liquid product of petroleum, shale oil or coal tar as required by section 113, article 8, chapter 10, of the code of ordinances of the City of New York, shows the following requirements necessary before a permit can be issued.

"1. Discontinue the use of tank having more than 600 gallons capacity in each compartment. Section 4.2."

Dated October 8, 1935, Order No. 7575-LC, reads:

"An inspection of Truck No. 031 on an autocar chassis, used by you for the transportation of any liquid product of petroleum, shale oil or coal tar as required by section 113, article 8, chapter 10, of the code of ordinances of the City of New York, shows the following requirements necessary before a permit can be issued:

"1. Discontinue the use of tank having more than 600-gallon capacity in each compartment. Section 4.2.";

and

WHEREAS, the four tank trucks, Nos. 020, 030, 031 and 032 are used for the distribution of fuel oil within the City of New York operating from 398 Hamilton avenue, Borough of Brooklyn; and

WHEREAS, the applicant claims the four tank trucks were in use prior to the date of the new rules effective May 18, 1935; that the tank trucks comply in all respects with the requirements of the new rules except as to gross capacity and total capacity of each compartment; the applicant transports Nos. 1, 2 and 4 fuel oil; tank truck No. 020 has 2,000 gallons gross capacity, divided into two (2) 500-gallons and one (1) 1,000-gallon compartments, in service since November, 1932; tank truck No. 030 has 3,000 gallons gross ca-

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capacity, divided into three (3) 1,000-gallon compartments, in service since October, 1933; tank truck No. 031 has 3,000 gallons gross capacity, divided into three (3) 1,000-gallon compartments, in service since December, 1934; tank truck No. 032 has 3,000 gallons gross capacity, divided into three (3) 1,000-gallon compartments, in service since January, 1935; furthermore, the applicant contends there is no way in which these tank trucks may be altered to comply with the order, the business has no branch outside the city where these tank trucks could be used; strict compliance with the order means the scrapping of the present tanks and an outlay of about \$1,800 for each tank.

Resolved, that the orders of the fire commissioner, Nos. 6885-LC, 6886-LC, 7574-LC and 7575-LC, be and they hereby are *modified* and that the appeal be and it hereby is *granted*, permitting the use of trucks 020, 030, 031 and 032 for the distribution of fuel oil within the City of New York, *on condition* that the capacity of tank of truck 020 shall not exceed 2,500 gross gallons and that trucks 030, 031 and 032 shall not exceed a capacity of 3,000 gross gallons and that no individual compartment of these trucks shall exceed 1,000 gallons and that in all other respects the trucks shall comply with the specifications for tank trucks of the fire chief and commissioner; and *granted* only so long as these trucks remain in the ownership of the Nelson Bros. Coal Corporation.

VARIATION OF LABOR LAW.

268-35-S.

APPLICANT—Ansonia Fire Prev. Eng. Co., Inc., for Le Blang Realty Corporation, owner.

SUBJECT—Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Manhattan.

APPEARANCES—

For Applicant: Herman E. Horwood.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Laid over to November 13, 1935, at 2 p. m., for additional information from applicant.

474-22-S.

APPLICANT—Martin D. Greenwald, for Estate of S. D. Greenwald, owner.

SUBJECT—Request for reopening—amendment—re Variation of the labor law as cited in an order of the fire commissioner.

PREMISES AFFECTED—177 East 87th street (Block No. 1516, Lot No. 32), Manhattan.

APPEARANCES—

For Applicant: Martin D. Greenwald.

ACTION OF BOARD—Request for reopening withdrawn.

THE VOTE TO WITHDRAW REQUEST FOR RE-OPENING—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative 0

Absent: Assistant Chief Kidney 1

447-27-S.

APPLICANT—Egan and O'Reilly, for Davis & Lawrence Co., owner.

SUBJECT—Application for reopening—amendment—re Variation of the labor law as cited in an order of the fire commissioner.

PREMISES AFFECTED—4401 Bronx boulevard (Block No. 5065, part of Lot No. 60), The Bronx.

APPEARANCES—

For Applicant: Walter J. Egan and Walter C. Bates.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(447-27-S)

WHEREAS, this application affecting premises 4401 Bronx boulevard (Block No. 5065, part of Lot No. 60), Borough of The Bronx, was granted by the board October 4, 1927, on certain conditions and owner, through his attorneys, requested an amendment of the resolution.

Resolved, that the resolution adopted by the board on October 4, 1927, be and it hereby is *amended*, so that as amended the resolution will read:

"*Granted* only so long as the three stairways comply with the labor law in all respects other than the width, as indicated on plans filed with this application and permitting the occupancy per floor not to exceed 75 persons, *on condition* that the requirements of the labor law shall be complied with in all other respects."

APPLIANCES SUBMITTED FOR APPROVAL

238-35-SA.

APPLICANT—Clarence E. Meek, for Garrison Engineering Corp., owner.

SUBJECT—Garfire Gun (fire extinguisher), approval of.

APPEARANCES—

For Applicant: Clarence E. Meek.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Application placed on reserve calendar and referred to engineer of the board for test and report.

30-35-A.

APPLICANT—Apollo Magneto Corp., for John K. Lencke, owner.

SUBJECT—Hydrolator, Type AH, Drip Fitting for Installation on Hose Outlet Valve, approval of.

APPEARANCES—

For Applicant: H. C. Thatcher.

ACTION OF BOARD—Application withdrawn.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

165-35-SA.

APPLICANT—Benjamin Wetstone for Serv-Well Burner Corp., owner.

SUBJECT—Serv-Well Range Oil Burner, Models 27B and 27T, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

MINUTES

Negative 0
Absent 0
THE RESOLUTION—

(165-35-SA)

WHEREAS, Benjamin Wetstone, for Serv-Well Burner Corp., owner, filed June 20, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Serv-Well Range Oil Burner, Models 27B and 27T; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner base is made of cast iron, having two concentric rings. Mounted upon these rings are four cylindrical shells made of perforated chromium steel, having a chromium content of 18 to 20 per cent. The outside diameter of the shells is $6\frac{3}{4}$ inches. Each burner is equipped with a carbon leg and a pressed steel cover which fits over the top of the vaporizing shells. Individual pedestals support each burner and the pedestal is equipped with two levelling screws and a bolt for fastening same to the range. The Model 27B is supplied with oil from a 2-gallon glass bottle equipped with a metal jacket, having two handles on it. The Model 27T is supplied with oil from a 2-gallon metal tank. In both types of burners, the oil reservoir is made of pressed steel and is mounted upon a substantial iron base which is so constructed that it may be firmly fastened to the floor. The flow of oil to the burner is controlled by "V" slot metering valve made by the manufacturer of the burner. The reservoir is equipped with an air vent which prevents flooding and with a clamp for firmly fastening both the bottle and the tank to the reservoir.

The operating principles involved in this burner were tested and all the mechanism found to function as designed. There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain recommendations be carried out in their installation and incorporated on their instruction card, and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department.

Resolved, that the Board of Standards and Appeals does hereby approve the devices known as the Serv-Well Range Oil Burners, Models 27B and 27T, for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.

6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. That cans used for the storage and filling of oil containers shall comply with the requirements of Chapter 10, Art. 8, Sec. 114, subdiv. 3, of the Code of Ordinances, as amended, Feb. 18, 1935.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 165-35-SA

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner, shall, within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

180-35-SA.

APPLICANT—Benjamin Wetstone, for Majestic Oil Burner Co., owner.

SUBJECT—Majestic Range Oil Burner, Models 27B and 27T, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(180-35-SA)

WHEREAS, Benjamin Wetstone, for Majestic Oil Burner Co., owner, filed June 29, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Majestic Range Oil Burner, Models 27B and 27F; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner base is made of cast iron, having two concentric rings. Mounted upon these rings are four cylindrical shells made of perforated chromium steel, having a chromium content of 18 to 20 per cent. The outside diameter of the shells is $6\frac{3}{4}$ inches. Each burner is equipped with a carbon leg and a pressed steel cover which fits over the top of the vaporizing shells. Individual pedestals support each burner and the pedestal is equipped with two levelling screws and a bolt for fastening same to the range. The Model 27B is supplied with oil from a 2-gallon glass bottle equipped

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with a metal jacket, having two handles on it. The Model 27T is supplied with oil from a 2-gallon metal tank. In both types of burners, the oil reservoir is made of pressed steel and is mounted upon a substantial iron base which is so constructed that it may be firmly fastened to the floor. The flow of oil to the burner is controlled by "V" slot metering valve made by the manufacturer of the burner. The reservoir is equipped with an air vent which prevents flooding and with a clamp for firmly fastening both the bottle and the tank to the reservoir.

The operating principles involved in this burner were tested and all the mechanism found to function as designed. There was recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval it is suggested that certain recommendations be carried out in their installation and incorporated on their instruction card and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards and Appeals and the fire department.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Majestic Range Oil Burner, Models 27B and 27F, for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. That cans used for the storage and filling of oil containers shall comply with the requirements of Chapter 10, Art. 8, subdiv. 3, of the Code of Ordinances, as amended, Feb. 18, 1935.
8. Storage containers shall not be filled in same room when and where burner is in operation.
9. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
10. The storage container shall bear a label permanently attached thereto reading as follows:

NOTICE
APPROVED BY THE
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Under Cal. No. 180-35-SA

11. That the flue be provided with a suitable stack check to nullify down draft.
12. The manufacturer or installer of this burner, shall, within 48 hours after each installation, notify the

fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.

13. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

264-35-SA.

APPLICANT—Harold A. Cobb, agent for Perfect Burner Company, Inc., owner.

SUBJECT—Perfect Automatic Oil Burner, Models DL-7, DL-8, DL-10, 0-5, 0-7, 0-8 and 0-10, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief Kid-

ney 4

Negative 0

Absent 0

THE RESOLUTION—

(264-35-SA)

WHEREAS, Harold A. Cobb, agent for Perfect Burner Company, Inc., owner, filed September 7, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Perfect Automatic Oil Burner, Models DL-7, DL-8, DL-10, 0-5, 0-7, 0-8 and 0-10; and

WHEREAS, the device was submitted to the engineer of board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner unit is of the gravity feed vaporizing pot type and consists of the following parts: vaporizing bowl, air tube, sirocco type blower and an Emerson motor of 1/125 H.P.

The oil flow to the burner is governed by a Detroit lubricator constant level valve, Model CRC-600 and a solenoid valve equipped with a bypass for allowing a small amount of oil to be supplied to the burner for use as a pilot light.

The burner bowl consists of a cast iron burner base, having mounted thereupon a pressed steel perforated shell. Mounted in the middle of this burner bowl is a perpendicular cylindrical shell equipped with an elliptical cover which acts as an auxiliary air spreader. Mounted upon the air tube from the blower, there is a mercoide switch attached to a very thin brass vane extending into the tube. In case of motor or fan failure, this vane operates and by tripping the mercoide switch, shuts off the oil supply by actuating the solenoid valve which is connected in series with it. The oil in the vaporizing bowl has a depth of not greater than $\frac{3}{8}$ th of an inch. The difference between the various models of this burner is only in the size of the vaporizing bowl. Those models designated by the letters "DL" simply mean that the whole equipment is covered with a special cover to add to the appearance of the burner unit.

IGNITION: Oil is supplied by the bypass of the solenoid valve.

The operating principles of this burner were tested for a period of approximately 90 minutes and it was found that the control valve, solenoid and special control on the air supply functioned as designed. During the period of this test, there were no flare backs and the flame was clear and free of soot and smoke. As a result of this inspection and test, it is recommended that

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these burners be approved for domestic and commercial uses when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals, July 12, 1935.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as Perfect Automatic Oil Burner, Models DL-7, DL-8, DL-10, 0-5, 0-7, 0-8 and 0-10, for domestic and commercial installation, when installed in accordance with the oil burner rules of the Board of Standards and Appeals, for use with fuel oil not heavier

than No. 2, *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 264-35-SA.

Adjourned, 5.10 p. m.

EDWARD V. BARTON, *Chief Clerk*.

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* CORRECTION.

The minutes of the meeting of the Board of Standards and Appeals held Tuesday, October 22, 1935, as they appeared in the Bulletin No. 44, Vol. XX, are hereby corrected to read as follows:

152-35-BZ.

APPLICANT—John Adikes, for Jamaica Savings Bank, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone

* *Correction*—Word "Absent" changed to "Negative" in line 17 of digest and word "Negative" changed to "Absent" in line 18 of digest.

resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—139-49 Queens boulevard, east side, 209.68 ft. north of Hillside avenue (Block No. 669, Lot No. 55), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: John Adikes.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum 3

Negative: Assistant Chief Kidney 1

Absent 0

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
American Marsh Simplex	639-25-SA	M. D. Rotary	52-27-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Monroe Oil Pump	658-26-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Northern Rotary	1396-24-SA
Beach Russ Co. Rotary	1134-22-SA	Pascoe Pump Set	1029-26-SA
Blackmer Rotary	935-24-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Quiet May Gerotor Pump	267-32-SA
Century Rotary	908-21-SA	Quimby Screw Pump	1193-21-SA
Cook Electric Oil Pump	603-25-SA	Range-O-Matic Oil Pump, Model 50 and Suction Model	102-35-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA
Marsh Fuel Oil Pump	1050-23-SA		

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Rules of Procedure of the Board of Standards and Appeals Adopted February 15, 1927, Amended December 2, 1930, April 14, 1931, June 13, 1933 and Revised April 30, 1935.

(89-27-SR)

ARTICLE I—PUBLIC HEARING.

1. Regular sessions designated as public hearings of the Board of Standards and Appeals shall be held on Tuesday of each week at 10 A. M. and 2 P. M., and such additional sessions on days to be set by the board as may be deemed necessary to facilitate the work of the board.

2. Sessions shall be devoted to hearings on applications for variations of the Building Zone Resolution; appeals from administrative orders; applications for variation of the Labor Law; approval of appliances and materials and consideration of Rules, as such sessions are published in the Bulletin of the Board of Standards and Appeals.

3. Special sessions may be called by the Chairman, or at the request of three members, provided that notice of the same has been mailed to each member at least twenty-four hours before the time set, except that the announcement of a special session at any session at which a quorum is present shall be sufficient notice.

4. All hearing sessions shall be open to the public.

5. A quorum of the Board of Standards and Appeals shall consist of three members.

6. The members of the Board shall attend sessions in person, except that during absence or disability a substitute may act, as provided by law under section 718 of the Charter as amended by Local Law No. 13 of 1925. The names of such substitutes, designated by the Mayor, shall have been previously filed with the Chairman.

ARTICLE II—CASES BEFORE THE BOARD.

1. Every application under the Building Zone Resolution, every appeal under section 719 of the Charter and every application under section 718a, subdivision 4, of the Charter, shall be made to the Board on the forms provided, and shall include the data required in such forms so as to supply all information necessary for a clear understanding by the Board and its staff. The statements of essential information made by the applicant and the determination of the Board in each case will be incorporated in a resolution formally adopted and published in the Bulletin of the Board. Officials, who are charged with the enforcement of the laws, ordinances and rules relating to buildings in the City of New York will be bound by such resolutions, and, before granting permit or taking any other affirmative action, should see that there are no misstatements as to facts and that the conditions of the resolution are observed. Any administrative official discovering any misstatement of essential information is requested to notify the Board, in order that it may take such action as the circumstances require. All approvals shall remain valid only as long as the information and the conditions on which the resolution was based are maintained.

2. Any communication purporting to be an application or appeal shall be regarded as a mere notice of intention to seek relief and shall be of no force or effect until it is made in the form required except as provided in Art. VI.

3. Upon receipt of any such communication, the writer shall be supplied with the proper forms for presenting his application or appeal and he shall be required to file the proper form and furnish all necessary data within thirty days of the date of the order or decision appealed from except as provided in Art. VI.

4. The duplicate of each application or appeal required by this article shall be forwarded to the administrative official whose order or determination is appealed from.

5. At the public hearing of a case before the Board, the applicant shall first present the argument in support of the case and those in objection shall follow. To maintain orderly procedure, each side shall proceed without interruption by the other.

6. Every person before the rostrum shall abide by the order and direction of the Chairman. Discourteous or disorderly conduct shall be regarded as a breach of his privileges and shall be dealt with as the Chairman deems proper. Orders to maintain discipline shall be carried out by the Sergeant-at-Arms.

Subject to the direction of the Chairman, the Chief Clerk shall enforce the rules of the Board and shall direct and supervise the Sergeant-at-Arms in maintaining order and decorum in the hearing room and lobbies during all public hearings.

7. No member shall proceed to question or discuss an issue, put a motion or offer a resolution until he shall have addressed the Chairman and shall have been recognized by him. While the Chairman is putting a motion or offering a resolution, or during the progress of a roll call, no member shall interrupt or leave his seat. When a motion to adjourn is carried, the members of the Board shall keep their seats until the Chairman declares the meeting adjourned.

ARTICLE III—THE CALENDAR.

1. Each case filed in the proper form, with the required data, shall be numbered serially. These Calendar numbers shall begin anew on January 1st of each year, and shall be hyphenated with the number of the year and the initials indicating the character of the case.

2. As soon as a case receives a calendar number, it shall be placed on the Docket. Thereafter the applicant shall be notified of the date his case will be set for public hearing. In building zone applications the applicant shall be notified of the date when his case will be reached in the call of the Clerk's Calendar.

3. The Clerk's Calendar Call shall be called each Monday at 2 P. M. in Room 1013, Municipal Building, Manhattan, by the Chairman or by a member of the staff detailed to such duty by the Chairman, and a date for the public hearing of each application for variation of the Building Zone Resolution shall then be set, which shall be full and sufficient notice to all persons interested in such case.

4. Thereafter each case shall be listed, by Calendar number and premises, in the Hearing Calendar printed in the Bulletin of the Board, under the title of the respective proceedings, and the date for which such case has been set.

ARTICLE IV—DISPOSITION OF CASES.

1. The final determination of any application or appeal before the Board shall be in the form of a resolution either reversing, varying or modifying the order, requirement, decision or determination appealed from and granting the application or appeal or affirming the order and denying the application or appeal or dismissing the application or appeal for lack of jurisdiction or prosecution. The concurring vote of three members shall be necessary to a decision. If a resolution fail to receive three votes in favor of the applicant, the action will be deemed equivalent to a denial and a resolution denying such application or appeal shall be formally entered on the record unless there be a member absent at the roll call and the vote of the absentee added to the number of votes for the applicant would equal three, in which case the matter will be laid over for consideration and final determination.

2. Any applicant may withdraw his application or appeal at any time prior to action thereon, with the consent of the Board, but if a motion has been made, and is pending, either to grant or to dismiss, such motion shall have precedence.

3. No application dismissed or denied can be considered again except (1) on a motion to reconsider the vote, or (2) on a request to restore to the calendar.

4. No request to grant a rehearing can be entertained

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unless substantial new evidence is submitted. If, on motion of a member of the Board, adopted by three affirmative votes, the request is granted, the case shall be put on the calendar for a rehearing.

In all cases the request for rehearing shall be in writing, reciting the reasons for the request, and shall be accompanied by the necessary data and diagrams. Such request shall be filed with the Chairman. The Chairman may then set a date when the request for restoration to the calendar shall be submitted to the Board, of which date the person making the request shall be notified.

5. The Board may, on the motion of any member, review any decision that it has made and may reverse or modify such decision; but no such review shall prejudice the rights of any person who has in good faith acted thereon before it is reversed or modified.

ARTICLE V—BUILDING ZONE APPLICATIONS

1. No application for a variation or modification of the provisions of the Building Zone Resolution shall be entertained by the Board except in a specific case, and from an order, requirement decision or determination made by any Commissioner of Buildings or the Tenement House Commissioner, on the ground that the proposed plan or use violates the Building Zone Resolution.

2. No such application shall be entertained unless the application is filed within thirty days from the date of the action of the Commissioner of Buildings or the Tenement House Commissioner.

3. Every application shall be made on Form 3BZ and shall be accompanied by all the data required by such form, and shall be considered subject to such rules as the Board has adopted or may adopt under Article 5, Section 21 of the Building Zone Resolution.

4. As soon as any application is completed by the filing of the data required in Form 3BZ, the case shall receive a calendar number and shall be placed on the Clerk's Calendar, and the applicant shall be notified by the Board on Form 6CC of the time set for the call of the calendar, which shall be at least ten days after the mailing of said notice. With this notice the applicant shall be supplied with an official copy of Form 7NO, which he is required to send to every property owner entitled to notice of the application. Within three days the applicant must file a verified statement that he has so notified each of such property owners either by personal service or by registered mail. Not less than fourteen days' notice of the date fixed for calendar call in each Building Zone application shall be given by publication in the Bulletin of the Board.

5. On the call of the Clerk's Calendar the applicant shall appear in person, or by agent or attorney, and property owners affected by the application may appear either in person or by agent or attorney and present written objections they may have to the granting of the application, together with a description of their property and an affidavit of ownership. Then a date shall be set for a public hearing on the application at the earliest available date thereafter. Notice of said hearing shall be given by publication in the Bulletin of the Board.

6. On the date set for the public hearing, the applicant shall state his case, then the opposition shall be heard, and both shall have an opportunity for rebuttal.

7. Any application that has been denied after a public hearing cannot be reheard except on new material facts or a different section of the Building Zone Resolution.

ARTICLE VI—APPEALS.

1. No appeal from any order, requirement, decision or determination of the Commissioner of Buildings or the Board of Buildings or the Fire Chief and Commissioner or from any rule or regulation relating to the construction, alteration, structural changes in equipment, occupancy or use of any building or structure, under Section 719 of the

Charter, shall be entertained unless such appeal is filed on Form 1A, with all the data required in such form, within thirty days from the date of the order appealed from except that minor appeals from orders or decisions may be filed on form 1A accompanied by a written description of the premises and a copy of the order or decision. What constitutes minor appeals from orders or decisions shall be determined by the Chairman.

ARTICLE VII—LABOR LAW VARIATIONS, ETC.

1. No application for variation of the Labor Law, or of any rule adopted thereunder affecting the construction or alteration of buildings, exits therefrom, the installation of fixtures or apparatus as authorized by Section 718a, subdivision 4 of the Charter, shall be entertained unless it is made on Form 2S, with all the data required in such form, within thirty days from the date of the administrative order.

No application for approval of a device, material or method of construction shall be entertained unless it is filed on Form 4SA, with all the data required.

No application for the adoption or amendment of Rules shall be entertained unless the application is made in writing.

ARTICLE VIII—ADOPTION OF RULES.

1. No resolution of the Board of Standards and Appeals adopting or amending any rule or regulation under subdivisions 2 or 3 of section 718-a of the Charter or any other law shall be adopted unless such proposed rule or regulation shall have been published in the Bulletin of the Board for at least ten days prior to a public hearing thereon. Three affirmative votes of the Board shall be necessary for the adoption of such resolution.

2. Amendments to these Rules of Procedure may be made by the Board of Standards and Appeals at any regular session, providing notice of such amendment has been given to each member of the Board three days prior to such session, either in writing or by publication in the Bulletin. Any rule of procedure may be suspended at any session by the concurring vote of three members.

ARTICLE IX—OTHER RESOLUTIONS.

1. Every resolution of the Board of Standards and Appeals suggesting changes or amendments to the law under subdivision 5, section 718-a of the Charter and every resolution not otherwise provided for shall require at least three affirmative votes for its adoption.

ARTICLE X—INSPECTIONS.

1. In any case in which the Board may deem it necessary, an inspection of the premises in question may be ordered by the Board. Such inspection shall be made by the Chairman and by two or more members designated by him, and they shall report their findings to the Board.

ARTICLE XI—TESTS.

1. In any case in which the Board may order a test of any material or device, such test shall be conducted according to the rules adopted by the Board for the use, of such material or device. Test shall be conducted under the supervision of an Assistant Engineer and/or in the presence of such member or members of the Board or staff as the Chairman may designate, or in lieu of the above, tests may be made of material and devices by a recognized standard testing laboratory, city or state department, but the Board reserves the right to be present at such test. The result of such test shall be reported to the Board in writing. Three affirmative votes of the Board shall be necessary for the approval of the use of such material or device.

ARTICLE XII—RECORDS.

1. All applications and appeals shall be on the required forms, and all communications, reports, etc., relative to any matter appearing on the calendar, shall be on sheets approximately 8½ in. by 11 in. in size. Plans shall be on sheets 8½ in. by 11 in. or multiples thereof unless otherwise ap-

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proved by the Chairman. After final disposition, all applications and appeals and other papers appertaining thereto shall be suitably bound and indexed and filed numerically in cabinets. All applications and appeals shall upon application to the clerk in charge be accessible to the public at all reasonable hours.

ARTICLE XIII—THE BULLETIN.

1. The Bulletin of the Board of Standards and Appeals shall be published on Tuesday of each week. It shall contain:

- (1) Directory of the Board.
- (2) Docket.
- (3) Clerk's Calendar Call.
- (4) The Hearing Calendar.
- (5) Notice of hearing on building zone applications and on proposed rules or the amendment of rules.
- (6) An abstract of the minutes of each meeting, including a brief statement of the action in each case, with the roll call thereon and the full text of the resolutions adopted.

(7) Rules adopted.

(8) Such other information as may be of value to the public and within the scope of the work of the Board.

2. The preparation and editing of material for the bulletin shall be in charge of such members of the staff as the Chairman shall designate.

ARTICLE XIV—OFFICERS.

1. The Chairman shall preside at all sessions. The Chairman may designate any member of the Board to preside and perform the duties of the Chair at public sessions.

2. The Chairman, subject to these rules, shall decide all points of order or procedure, unless otherwise directed by a

majority of the Board in session at that time.

3. The Chairman shall designate the members of the Board to make an inspection, and, unless otherwise directed by the vote of three members of the Board, shall appoint any committee that may be deemed necessary.

4. The Chairman shall report at each session on all pertinent official transactions that do not otherwise come to the attention of the Board.

5. Administrative authority is vested solely in the Chairman of the Board who shall, subject to these rules, transact all official business of the Board, engage the necessary employees and direct the work of the office. Official correspondence shall be signed by the Chairman and by such members of the staff as the Chairman may designate.

6. Subject to these rules and the direction of the Chairman, the Chief Clerk shall have charge of all accounts and see that the files and indices are kept in proper order and up to date, and generally supervise the clerical work of the office force, maintaining discipline in accordance with the rules of the office and charter provisions.

7. Subject to these rules and the direction of the Chairman, the Assistant Engineers shall examine and report on all applications or appeals, prepare all proposed rules or revised rules suggested with report on the reasons and necessity for same; supervise and witness the tests conducted under the auspices of the Board, and assist generally in all technical matters coming before the Board.

8. A complete stenographic record of the transactions at public sessions shall be made for the files, including verbatim transcripts of such parts as may be directed, and there shall be prepared, after each meeting and in time for the next publication of the Bulletin, the abstract of the minutes which is to appear in such Bulletin.

APPROVED APPLIANCES

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Crocker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)...	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Crocker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

Published at request of the Fire Chief and Commissioner

SPECIFICATIONS FOR TANK TRUCKS

To be used in the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, in accordance with the provisions of Section 113, Article 8, Chapter 10 of the Code of Ordinances, effective May 18, 1935.

PERMIT

- Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, storage or use within the city any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester, except in a tank truck for which a permit has been granted by the Fire Chief and Commissioner. (Sec. 113, Art. 8, Chap. 10.)
- 1.2. . . A permit is required for each tank truck for the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester. (Sec. 113, Art. 8, Chap. 10, C. of O.)
- 1.3. . . Application for a permit shall be made on forms prescribed by said Fire Chief and Commissioner and shall contain such information as he shall require. (Sec. 20, Art. 2, Chap. 10, C. of O.)
- 1.4. . . Unless otherwise provided every permit for a tank truck and the renewal thereof, shall be for a period determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Sec. 26, Art. 2, Chap. 10, C. of O.)
- 1.5. . . The permit is revocable and not transferrable and in case of a change of ownership of the truck, the new owner shall obtain a new permit. Fee \$10.00 for each truck. (Sec. 43, Art. 3, Chap. 10, C. of O.)
- 1.6. . . Complete specifications of the truck, with detail construction drawings showing plan and elevation of the tank, also carrying capacity of the chassis, shall be filed. This section will not apply to existing equipment.

RESPONSIBLE PERSON

- Sec. 2.1. . . Each tank truck for which a permit has been issued shall be under the control and supervision of a responsible person.

GRAVITY TANK TRUCK

- Sec. 3.1. . . The term gravity tank truck when used in these tank truck specifications shall be a steel tank mounted on either a motor driven or horse drawn vehicle, in which the contents shall be any petroleum or shale oil, or the liquid products of either, or coal tar which will not emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester, and is drawn off through an opening or openings in the bottom of the tank whether by natural gravity flow or actuated by some mechanical means.

TANK CAPACITY

- Sec. 4.1. . . The total carrying capacity of the tank shall not exceed twenty-five hundred (2500) gallons, except that heavy oils, (Numbers 5 and 6) may be carried in a tank of not more than three thousand (3,000) gallons capacity.
- 4.2. . . The total capacity of any one compartment shall not exceed six hundred gallons (600), except that heavy oils numbers 5 and 6 may be carried in a three thousand gallon compartment.
- NOTE: See U. S. Dept. of Commerce Fuel Oil Standards CS12-33.

4.3. . .

Grade	Flash Point	
	Minimum	Maximum
No. 1. (A distillate oil for use in burners requiring a volatile fuel)	110° F.	165° F.
No. 2. (A distillate oil for use in burners requiring a moderately volatile fuel)	125° F.	190° F.
No. 3. (A distillate oil for use in burners requiring a low viscosity fuel)	150° F.	200° F.
No. 4. (An oil for use in burners requiring low viscosity fuel)	150° F.	
No. 5 (An oil for use in burners permitting a medium viscosity fuel. (Bunker B, Federal specification, 2d)	150° F.	
No. 6. (An oil for use in burners permitting a high viscosity fuel. (Bunker C, Federal specification, 2d)	150° F.	

TANK CONSTRUCTION

- Sec. 5.1. . . The tank shall be a rigid all steel structure, open hearth or blue annealed steel throughout, in accordance with the following table. Wrapper sheets shall be installed with longitudinal seams near the top. All joints shall be welded. The joints shall be welded (continuous) both inside and outside and shall be of full 45 degree fillet, except in double bulk head construction one-side welding only.
- 5.2. . . All gauges specified are U. S. Standard and apply to either single or double head construction.
- Tanks of not more than 600 gallons capacity—12 gauge shell—12 gauge head
- Tanks of over 600 gallons and not more than 1200 gallons capacity—10 gauge shell—10 gauge head
- Tanks over 1200 gallons and not more than 3000 gallons capacity—
- 400 gallon compartment and under 10 gauge shell—10 gauge head

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over 400 gallon compartment and not more than 600 gallon compartment—10 gauge shell—8 gauge head
for compartments over 600 gallon to carry 5 and 6 oils—8 gauge shell—8 gauge head
Tank capacities to conform to sections 4.1 and 4.2 of these specifications.

No permit shall be granted to a tank truck using a tank of lighter construction than above specified after July 1, 1937.

Sec. 5.3. . . Material other than open-hearth or blue annealed steels may be used if in thicknesses and designs that will give tank strengths and rigidities not less than those of the steels described and which have an equal or higher melting point.

5.4. . . All existing welded and riveted tanks will be accepted, if free from ruptures, defects and leakage.

CAPACITY INDICATOR

Sec. 6.1. . . Adjustable indicator or gauging device shall be placed in each filler opening so set as to allow three-fourths of a gallon to each one hundred (100) gallons for expansion. Total shall not be above indicator level. Indicator shall be sealed. The installation of indicators as above described, not required on existing equipment.

RELIEF VENTS

Sec. 7.1. . . Each compartment shall be provided with a breather vent. The vent shall be of the normally closed pressure controlling type, except for oils known as Numbers 5 and 6.

7.2. . . Vents of the enclosed type shall relieve at not more than five (5) pounds pressure, except for oils Numbers 5 and 6. All vents shall be provided with a 20 x 20 mesh non-corrodible wire screen.

7.3. . . Vents shall have a through area as below specified and shall be provided as follows:
3/4" diameter vent when 2" drawoff pipe is used
3/4" diameter vent when 2 1/2" drawoff pipe is used
1" diameter vent when 3" drawoff pipe is used
1 1/2" diameter vent when 4" drawoff pipe is used
1 1/2" diameter vent when 6" drawoff pipe is used

COVERS

Sec. 8.1. . . Manhole and filler openings shall be made gas and liquid tight with self-locking covers. The hinges shall be placed toward the cab. The vents may be located either in the dome or cover and shall be of sizes specified in Section 7 of the Specifications.

TEST

Sec. 9.1. . . Each compartment shall show no signs of leakage; hydrostatic test of 5 pounds per square inch will be made on demand of the Fire Chief and Commissioner.

INSIDE EMERGENCY VALVES

Sec. 10.1. . . An inside emergency valve (except compartments of one hundred and fifty (150) gallons or less) shall be provided at the outlet orifice from each compartment and shall be kept closed except during delivery

or discharging operation. Except for tanks containing Nos. 5 or 6 oil, the valve shall be of the quick closing type and arranged to close with the flow of liquid and shall be installed independent of the outside pipe connections or with a shear section which will break under strain. There shall be no stuffing box below the liquid level. In tanks containing numbers 5 or 6 oil, the valve may be either of the quick closing or of the screw type.

OUTSIDE PIPING AND VALVES

Sec. 11.1. . . Each compartment or tank shall be emptied by means of gravity or by pump or both, or if so desired, the syphon type of truck as approved for gasoline, may be used.

11.2. . . When pump is used, it shall be provided with a sealed means of bypassing so designed and set that it will not deliver more than 25 gallons per minute through a 1 1/4 inch delivery hose and not more than 50 gallons per minute when using a delivery hose not exceeding 2 inches in diameter when delivering fuel oils Numbers 1, 2, 3 and 4 as specified under Section 4.3 of these Specifications. Provisions shall be made for a pressure gauge on the discharge side of the pump. Grounded flexible hose of not more than 24 inches in length may be used between the pump and the suction end of the discharged piping.

11.3. . . On tank semi-trailer equipment which is a vehicle of the trailer type (upon which is mounted a tank) having one or more axles and two or more wheels so designed and used in conjunction with a motor vehicle that some part of its own weight and that of its own load rests upon or is carried by another vehicle, grounded flexible hose not exceeding six (6) feet in length, shall be used to connect the piping on the motor vehicle to the piping on the tank semi-trailer.

11.4. . . Piping shall be connected to the bottom of the tank, either by having the wrapper sheet flanged and special connections welded thereto, or by heavy pipe flanges welded both inside and outside to the wrapper sheet when screwed piping is used (valves excepted) the joints shall be either welded, brazed or cemented for tightness.

11.5. . . Piping shall be supported from the tank or tank structure. Rear and side outlet valves shall be protected by rear bumper or on the side by the steel running boards. Hose shall not exceed 100 feet in length.

MOUNTING

Sec. 12.1. . . Each tank shall be substantially supported by iron or pressed steel cradles or steel bolsters. The tank shall be secured to the bolsters or cradles either by welding or by approved metal straps.

12.2. . . If a wooden sill is used the hold-down bracket must be so designed that both the "U" bolts which fasten the sill to the chassis frame, and the hold-down bands which hold the tank to the cradle, become a part of the same bracket assembly, so that there will always be a metal connection between tank and chassis. The sills must be so anchored as to prevent any longitudinal movement of the tank structure relative to the chassis frame.

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BUMPERS

- Sec. 13.1. . . A substantial steel bumper shall be provided at the rear, so designed as to protect the rear of each tank and the discharge valves from injury.
- 13.2. . . Bumpers shall be permanently secured to the chassis frame and in such a manner as to provide protection for the rear of the tank and the discharge valves.

BUCKET BOXES & RUNNING BOARDS

- Sec. 14.1. . . Bucket boxes when used must be of metal construction not lighter than 14 U. S. Standard gauge—must be a permanent part of the tank structure and provided with drainage and ventilation through the bottom. Hard wood lining may be used to prevent sparking. All steel running boards shall be provided and shall not extend beyond the maximum width of the chassis. The over-all width of the assembled tank truck shall not exceed the State limitations. All rags or cotton waste shall be kept in a covered metal box.
- 14.2. . . Running boards constructed of wood if in good condition shall be accepted on existing equipment.

WIRING

- Sec. 15.1. . . All wires from rear of the cab to the rear of the tank shall be located in rigid iron, flexible steel conduit, armored cable, or approved metal conduit with water tight connections.
- 15.2. . . The tail light shall be mounted at the level of the top of the tank, on the left side rear.

SMOKING

- Sec. 16.1. . . Smoking on a tank truck is prohibited at all times.

CHASSIS WEIGHT

- Sec. 17.1. . . The net chassis weight without accessories, such as cab, spare tire, water, gasoline, front and rear bumpers, etc., shall weigh not less than the percentage of the gross weight when fully loaded and completely equipped as follows:

For tanks	0	to	600	gallons—	25%
"	"		601	" 1250	" —30%
"	"		1251	" 3000	" —28%

When tractor-semi-trailer equipment is used, the net chassis weight shall include both the tractor and semi-trailer chassis.

EXAMPLE

17.2. . .	Weight of	Chassis (stripped) . .	9245 lbs.
"	"	Tank (hose reel, etc.)	5300 lbs.
"	"	Fuel oil (1500 gal. at 7.5 per gal.)	10800 lbs.
"	"	Cab	500 lbs.
"	"	Accessories, water, gas, spare tire, etc.)	485 lbs.

26330 lbs.

28% of 26,330 lbs. equal 7372 lbs.—minimum weight of chassis acceptable.

- Sec. 17.3. . . A chassis to be acceptable must be accompanied by a sworn statement signed by the Chief Engineer of the company manufacturing the chassis, guaranteeing the truck to be safe for the superimposed load. Duplicate chassis may be submitted without individual sworn statements.

- 17.4. . . The engine exhaust piping shall terminate preferably under the cab. If carried under the tank, it shall terminate not more than one-half the length of the tank from the rear. It shall be protected by a metal shield. The outlet shall be turned downward.

- 17.5. . . The use of any vehicle (upon which is mounted a tank) without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as full tank trailer, is prohibited.

CAB

- Sec. 18.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. Engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab. The filling connection shall preferably be outside the cab. A windshield shall be provided.
- 18.2. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck, in a card holder.

PAINTING AND MARKING

- Sec. 19.1. . . The tank and rear bucket compartment, if any, shall be painted Dark Green; but the chassis, running gear, cab, bonnet or hood of motor, or the wheels may be painted any color suitable to the applicant.
- 19.2. . . The metal permit plate, furnished by the Fire Department at the same time the Fire Department permit is issued, must be securely fastened to the exterior of the cab on the left side of the tank truck and be so displayed during the life of the permit.
- 19.3. . . The registered trade name, or the name of the person, firm or corporation owning or operating the tank truck shall be displayed on both sides of the tank in letters at least three and one-half inches high by one-half inch stroke; it is optional with the distributor to add the name of the product and the firm address.
- 19.4. . . The advertising of any product distributed by the person, firm or corporation operating the tank truck is permitted, but oils having a flashpoint of less than 100° F. when tested in an open cup tester shall not be advertised on any part of the tank truck.

FIRE PROTECTION

- Sec. 20.1. . . Non-freezing fire appliances only shall be carried on tank trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

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CANS

Sec. 21.1. . . Excess storage of the product transported or delivered not exceeding sixty (60) gallons in containers as specified in Section 113, Article 8, Chapter 10, Code of Ordinances, may be carried in the bucket compartments and it is further provided that where a delivery is made in a licensed premise, open measuring cans of a capacity not exceeding ten (10) gallons may be used if same are not left on premises as a storage container.

SPECIFICATIONS FOR PLATFORM TRUCKS

To be used for the transportation or delivery for storage, sale or use within the City, of any petroleum or shale oil, or the liquid products of either, or coal tar in accordance with Sections 113 and 114, Article 8, Chapter 10 of the Code of Ordinances effective May 18, 1935.

PERMIT

Sec. 1.1. . . No person, firm or corporation shall transport or deliver for sale, use or storage within the City any petroleum or shale oil, or the liquid products of either, or coal tar without a permit from the Fire Chief and Commissioner. (Sections 113 and 114, Article 8, Chapter 10, Code of Ordinances.)

1.2. . . Application for a permit shall be made on forms prescribed by the Fire Chief and Commissioner and shall contain such information as he shall require. (Section 20, Article 2, Chapter 10, Code of Ordinances.)

1.3. . . Unless otherwise provided every permit for a rack or stake truck and the renewal thereof, shall be for a period to be determined by the Fire Chief and Commissioner, but in no case to exceed one year. (Section 26, Article 2, Chapter 10, Code of Ordinances.)

1.4. . . The permit is revocable, not transferrable and in the case of a change of ownership, the new owner shall obtain a new permit. (Section 43, Article 3, Chapter 10, Code of Ordinances.) Fee Ten (\$10) Dollars for each truck.

1.5. . . The metal plate, furnished by the Fire Department at the same time the Fire Department Permit is issued, must be securely fastened to the exterior of the cab on the left side of the truck and be so displayed during the life of the permit.

1.6. . . A permit shall be issued only for this type of vehicle for a gross weight of vehicle and load not to exceed a weight in pounds which shall be stated in a certified statement which is filed with the Fire Chief and Commissioner by the manufacturer of the completed chassis.

BODIES

Sec. 2.1. . . Trucks may have any type of body suitable to the applicant, provided it is mounted on a chassis in a workmanlike manner.

CAB

Sec. 3.1. . . The cab shall be of standard design. It shall be kept in a safe condition with no broken or defective cushions and both doors shall be kept in perfect working order. The engine fuel tanks shall be located inside the chassis frame, in, under, or back of the cab.

The filling connection shall preferably be outside the cab. A windshield shall be provided.

Sec. 3.2. . . Engine fuel tanks, if attached to chassis frame and located on right side, and not extending beyond the width of the body, shall be accepted if on existing equipment.

WIRING

Sec. 4.1. . . All wiring used on this type of truck shall be kept in a safe condition.

RACKS

Sec. 5.1. . . If rack compartments are used to hold containers they shall be substantially made and so arranged, when placed in tiers, that the construction of the lower rack compartment will support the weight of the upper rack compartment and the containers.

5.2. . . Products shall only be transported or delivered on a truck of this type in containers as specified in Sections 113 and 114 of Article 8 of Chapter 10 of the Code of Ordinances of the City of New York.

5.3. . . Containers not exceeding five (5) gallon capacity shall be transported or delivered in a case of a design that will prevent any weight or strain being placed upon the container.

5.4. . . Containers as specified in Section 5.2 of these specifications may be stacked in tiers if the rated gross load does not exceed the provisions of Section 1.6 of these specifications.

TRAILERS

Sec. 6.1. . . The use of any vehicle, without its own motive power, no part of the weight of which rests on the towing vehicle, but is drawn by a motor vehicle and is known as a full trailer, is prohibited.

PAINTING AND MARKING

Sec. 7.1. . . The body of this type of truck may be painted any color suitable to the applicant.

7.2. . . The registered trade name or the name of the person, firm or corporation operating this type of truck shall be displayed on both sides of the truck in letters at least two inches in height by one-quarter inch stroke.

FIRE PROTECTION

Sec. 8.1. . . Non-freezing fire appliances only shall be carried on these trucks. At least four quarts of carbon tetrachloride in an approved fire extinguisher or fire extinguishers or at least 7½ pounds carbon dioxide in an approved fire extinguisher. Such appliances shall be carried on the truck at all times and be kept ready for use.

SMOKING

Sec. 9.1. . . Smoking on a truck while transporting or delivering any oils or liquids requiring a permit from the Fire Chief and Commissioner is prohibited.

RAGS

Sec. 10.1. . . All rags or cotton waste shall be kept in a covered metal box.

INSPECTION CARD

Sec. 11.1. . . The Fire Department Inspection Card must be carried at all times in the cab of the truck in a card-holder.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D..	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Loneragan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fuel Oil Burner.....	820-23-SA
Coen Mechanical Oil Burner	942-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Concord Burner	108-35-SA	National Airoil Low Pressure Burner.....	186-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Barley Rotary Oil Burner.....	197-33-SA
D'Elia Oil Burner.....	155-31-SA	Nesbitt Oil Burner, Models F, JF, BF and D.	226-33-SA
DeWalt Oil Burner.....	541-31-SA	Nichols-McCann-Harrison Burners	255-31-SA
Doe Oil Burner.....	317-31-SA	North American Low Pressure Oil Burner....	792-26-SA
Enco Type 400 Steam Atomizing Oil Burner .	1414-23-SA	Oilbilt Burner	85-33-SA
Enco Mechanical Oil Burner.....	509-30-SA	Oronoque Oil Burner.....	394-30-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Packard Fuel Oil Burner.....	77-34-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Forsdraft Oil Burner.....	41-34-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Gem Fuel Oil Burner.....	111-26-SA	Petro Model W Oil Burner.....	452-31-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Ghapco Steam Generator.....	348-31-SA	Presto Automatic Oil Burner.....	294-34-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Quinn Oil Burning Equipment.....	367-21-SA
Gould Automatic Oil Burner	178-35-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Grant Oil Burner, Model "C".....	232-32-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Rockwell Fuel Oil Burner	341-21-SA
Greenawalt Down Draft Combustion Oil Burning Furnace	85-35-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Hammond Oil Burner.....	72-31-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Harris Fuel Oil Burner.....	690-30-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Hart Oil Burner, Model "H".....	221-33-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Hayward Oil Burner.....	696-30-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Hobeco Oil Burner.....	1278-21-SA	Standardyne Oil Burner.....	34-34-SA
Holby Oil Burner.....	328-27-SA	Steam Oil Burner.....	183-22-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Stewart Gasifier Oil Burner	146-35-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA		
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Air-O-Flame Range Burner.....	236-34-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	Majestic Range Oil Burner, Models 27B and 27T	180-35-SA
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BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

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Requests to amend denied	0
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Requests for modification denied	0
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Requests to rescind denied	0
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Requests for extension of time denied	0
Requests for extension of permit granted	8
Requests for extension of permit denied	0
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Requests to install denied	0
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Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	21
Total	916

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

NOVEMBER 12, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 46

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The Clerk's Calendar consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Tuesday, November 12, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, November 18, 1935, at 2 o'clock.

The Clerk's Calendar is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed Up to November 6, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
312-35-BZ....	D.B.Bx....	2231 Grand Concourse and 157 East 182nd street, northwest corner (Block 3163, Lot 40), The Bronx, Zone Viol. 50-35.
311-35-BZ....	D.B.Bx....	2700 Bronx Park East, northeast corner of Allerton avenue (Block 4506, Lot 1), The Bronx, Alt. 596-35.
310-35-SA....	F.D.....	Viking Pot Type Space Heater, Models 120, 165 and 170, Appliance.
309-35-BZ....	D.B.Bx....	Northwest corner of Wilson avenue and East 214th street (Block 4709, Lot 1), The Bronx, Decision.
308-35-A.....	D.BM....	726-736 Greenwich street and 122-130 Perry street, southwest corner (Block 632, Lot 17), Manhattan, 21238-F.
307-35-BZ....	D.B.Bx....	1955 University avenue, west side, 233.44 ft. south of West 179th street (Block 3216, Lot 70), The Bronx, Alt. 573-35.
306-35-BZ....	D.B.B....	2847-63 West 8th street, east side, 125 ft. 8 $\frac{3}{8}$ in. south of Sheepshead Bay road (Block 7279, Lots 163 and 169), Brooklyn, Applic. 13124-35.
305-35-A.....	F.D.....	Transportation of Fuel Oil in Trucks in New York City, 7733-L.C.
304-35-A.....	F.D.....	Transportation of Fuel Oil in Trucks in New York City, 7749-L.C.
303-35-BZ....	D.B.Q....	Southwest corner of 171st street and Cross Island boulevard (Block 4932, Lot 6), Flushing, Queens, Applic. 4103-35.
302-35-A.....	T.H.D....	19-21 West 69th street, north side, 240 ft. west of Central Park West (Block 1122, Lot 22), Manhattan, T. H. D. Order.
301-35-BZ....	D.B.Bx....	932 Simpson street, east side, 83.80 ft. south of East 163rd street (Block 2723, Lots 36 and 37), The Bronx, N. B. Applic. 371-35.
300-35-BZ....	D.B.B....	2664-2694 Ocean parkway, west side, 15 ft. south of Nixon court and 2657-2687 East 2nd street (Block 7238, Lots 63-65), Brooklyn, Applic. 13460-35.

Restored to Calendar.

504-18-BZ...	D.B.M....	138-40 East 25th street, south side, 94 ft. east of Lexington avenue (Block 880, Lots 61 and 62), Manhattan, Alt. 2537-35.
1072-23-BZ...	D.B.B....	41 Richmond street, east side, 322 ft. south of Jamaica avenue (Block 4103, Lot 8), Brooklyn, Decision.
44-34-BZ...	D.B.Q....	137-02 to 137-10 Linden boulevard (114th avenue), southeast corner of Van Wyck street (boulevard) (Block 2785, Lots 7, 8, 9, 10 and 11), South Ozone Park, Queens, Plan No. 78-34.

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Wire Glass Rules (Amendment to Rule 505 of Industrial Code)...	Apr. 10, 1923—Vol. 8, No. 15	

COURT DECISIONS

Matter of King (Murdock)—July 3, 1934, Board granted two-year temporary variation for gas station in business district, under section 21, Cal. No. 100-34-BZ, premises southeast corner Jamaica avenue and 138th place, Jamaica, Queens. July 19, 1935, Board granted modification changing time of temporary variance to five years. Mr. Justice Conway held review limited to last action of Board on July 19, 1935, and that statutory time limit had expired for review of action of July 3, 1934. (N. Y. L. J., October 20, 1935.)

* * *

Friedland v. Thatcher—Prior to amendment of Zoning Resolution on June 28, 1935, relative to parking, the Commissioner of Buildings issued a letter permit to permit parking under certain conditions in a business zone. Upon finding the conditions of the letter permit had been violated, the Commissioner revoked said permit and requested the Commissioner of Public Works to eliminate the curb cut and restore the curb. Thereupon an injunction was sought to restrain the Commissioner from interfering with petitioner's business. Motion for injunction pendente lite denied. Mr. Justice McCooey. (N. Y. L. J., October 30, 1935.)

* * *

In re Carragher (Murdock)—March 12, 1935, Board denied gas station in business district under section 21; Cal. No. 316-34-BZ; premises 977 McDonald avenue, Brooklyn. Mr. Justice Adel sustained Board, holding that "to permit a gasoline station on the small irregular plot of petitioner, faced as it is on one side with the elevated railway pillars, would undoubtedly tend to create a condition dangerous to the public and deteriorating to surrounding properties." (N. Y. L. J., November 2, 1935.)

CALENDAR

CALL OF CLERK'S CALENDAR

TUESDAY, NOVEMBER 12, 1935, AT 2 P. M.

Building Zone Cases.

119-35-BZ.

APPLICANT—Chester Baffa, for Annie E. Clark, owner.
PREMISES—502 Atlantic avenue, south side, 200 ft. west of Third avenue (Block No. 185, Lot No. 18), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the conversion of occupancy of an existing building (auto laundry) to a motor vehicle repair shop.

246-35-BZ.

APPLICANT—Lama and Proskauer, for Elinor D. Manson and Nora M. Reich, owners.

PREMISES—62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

251-35-BZ.

APPLICANT—William B. Linder, for State Engineering Corp., owner.

PREMISES—2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Brooklyn.

APPLICATION, under sections 7c and 21 of the building zone resolution,
TO PERMIT partly in a residence district and partly in a business district the erection and maintenance of a business building (stores).

273-35-BZ.

APPLICANT—Walter B. Woodruff, for John T. Woodruff & Son, owner.

PREMISES—33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

APPLICATION, under sections 7a, 7c and 21 of the building zone resolution,
TO PERMIT in a business district the erection and maintenance of a gasoline service station.

278-35-BZ.

APPLICANT—C. A. Sandblom, for Moe Weinberger, owner.

PREMISES—333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Brooklyn.

APPLICATION, under sections 7a, 7c and 21 of the building zone resolution,
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre.

NOVEMBER 13, 1935, 10 A. M.

SPECIAL MEETING.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday morning, November 13, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 114-35-BZ—Application, May 3, 1935, under section 21 of the building zone resolution, of McLaughlin and Stern, applicants,

on behalf of Martrese Corporation, owner, to permit in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant); premises 214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

CAL. NO. 112-35-BZ—Application, April 30, 1935, under section 21 of the building zone resolution, of Philip Wolfson, applicant, on behalf of Giuseppa Genco, owner, to permit in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop; premises 115-61 Merrick road and 172-01 116th avenue, northeast corner and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Borough of Queens.

CAL. NO. 255-35-BZ—Application, September 23, 1935, under section 21 of the building zone resolution, of New York Railways Corporation, applicant and owner, to permit in a business district an alteration and conversion of a building used for housing street cars to a garage for more than five (5) motor vehicles; premises 1552-1560 Lexington avenue, northwest corner of East 99th street and 1301-1309 Park avenue (Block No. 1627 (West), south part of Lot No. 1), Manhattan.

CAL. NO. 272-30-BZ—Application of Jacob A. Freedman, applicant, on behalf of Rubel Corporation, owner, reopened October 1, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (remitted by order of the Court for hearing); premises 440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Brooklyn.

CAL. NO. 196-35-BZ—Application, July 11, 1935, under section 21 of the building zone resolution, of Elizabeth Scheurer and Anna A. Scheurer, applicants and owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 40-01 23rd drive, northeast corner of Steinway street (avenue); (Block No. 793, Lot No. 26), Astoria, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALENDAR

NOVEMBER 13, 1935, 2 P. M.
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- 344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.
14-35-A—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.
257-35-A—15-27 North Oxford street (Block No. 2029, Lot Nos. 9 and 10), Brooklyn.
291-35-A—2235-2237 Light street, northwest corner of Rombouts avenue and 3815 Rombouts avenue (Block No. 4950, Lot Nos. 20 and 25), The Bronx.
293-35-A—39 West 19th street (10th floor); (Block No. 821, Lot No. 14), Manhattan.
297-35-A—681 Brook avenue, northwest corner of East 153rd street (Block No. 2363, Lot No. 1), The Bronx.
302-35-A—19-21 West 69th street, north side, 240 ft. west of Central Park West (Block No. 1122, Lot No. 22), Manhattan.

Variation of Labor Law.

- 268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Wednesday afternoon, November 13, 1935*, at 2 o'clock in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 84-35-BZ—Application, March 29, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Dickel Construction Company, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 77-04 to 77-12 Jamaica avenue, south side, 20.03 ft. east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Borough of Queens.

CAL. NO. 477-28-BZ—Application of Scacchetti and Siegel, on behalf of Cabin Holding Corporation, owner, reopened July 16, 1935, under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre; premises 2029 Grand concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

CAL. NO. 154-35-BZ—Application, June 15, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Assets Control Company, Inc., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 219-34

Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR
MONDAY, NOVEMBER 18, 1935, AT 2 P. M.

Building Zone Cases.

205-35-BZ.

APPLICANT—Samuels and Samuels, for Bobrose Developments, Inc., owner.

PREMISES—163-03 Northern boulevard, northeast corner of 163rd street (Block No. 5338, Lot No. 5), Flushing, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of an existing building so as to include a gasoline service station.

284-35-BZ.

APPLICANT—Scacchetti and Siegel, for Charles E. Sackmann and Anjie A. Sackmann, owners.

PREMISES—725 Church avenue, north side, 156 ft. 6¾ in. east of East 7th street (Block No. 5330, Lot Nos. 55 and 60), Brooklyn.

APPLICATION, under sections 7c and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a business building (stores and motion picture theatre).

NOVEMBER 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, November 19, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

CAL. NO. 120-35-BZ—Application of Maxwell A. Cantor, applicant, on behalf of Andon E. Andon, owner, reopened October 22, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, applicant, on behalf of Thema Rosen, owner, reopened October 22, 1935, under section 7h of the building zone resolution,

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to permit in a business district for a period not greater than two (2) years, the parking or storage of more than five (5) motor vehicles on a lot or plot unbuilt upon; premises 2871 Bailey avenue, west side, 107.59 ft. south of West 230th street (Block No. 3264, part of Lot Nos. 70 and 79), The Bronx.

CAL. NO. 35-34-BZ—Application of Sidney L. Strauss, applicant, on behalf of Fannie Levy, owner, reopened May 7, 1935, under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be used as stores and also a motor vehicle repair shop; premises 625-631 West 176th street and 74 Wadsworth avenue, northwest corner (Block No. 2145, Lot No. 54), Manhattan.

CAL. NO. 254-35-BZ—Application, September 11, 1935, under sections 7a and 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Winter Mead and R. Hawley Truax, as trustees of owner, to permit in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated), a portion of the garage having been previously granted by the board; premises 300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Manhattan.

CAL. NO. 276-35-BZ—Application, October 9, 1935, under section 21 of the building zone resolution, of Frank S. Parker, applicant, on behalf of General Motors Corporation, owner, to permit in a business district the change of occupancy of part of an existing business building to a garage for more than five (5) motor vehicles; premises 224-228 West 57th street and 1758-1770 Broadway, southeast corner (Block No. 1028, Lot No. 47), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 19, 1935, 2 P. M.

Appeals from Administrative Orders.

220-35-A—273 Brighton Beach avenue, north side, 40 ft. east of Lakeland place (Block No. 7284, Lot Nos. 1131 and 1132), Brooklyn.

283-35-A—Transportation of Fuel Oil in Trucks in New York City.

286-35-A—51-61 Union street, northwest corner of Van Brunt street (Block No. 334, Lot No. 34), Brooklyn.

Variation of Labor Law.

275-35-S—225-227 Cook street, north side, 175 ft. east of White street (Block No. 3118, Lot No. 30), Brooklyn.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, November 19, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 117-35-BZ—Application, May 8, 1935, under section 21 of the building zone resolution, of William J. Wilson, applicant, on behalf of Rose Bozzi, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

CAL. NO. 212-35-BZ—Application, August 5, 1935, under section 21 of the building zone resolution, of Thomas W. Lamb, Inc., applicant, on behalf of Edwin J. Long, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, NOVEMBER 25, 1935, AT 2 P. M.

Building Zone Cases.

130-35-BZ.

APPLICANT—Edwin H. Snackenberg, for New York Rapid Transit Corporation, owner.

PREMISES—402-10 64th street and 64-01 to 64-19 Fourth avenue, southeast corner (Block No. 5818, part of Lot No. 1), Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the extension of an existing gasoline service station and also the erection and maintenance of a motor vehicle repair shop.

271-35-BZ.

APPLICANT—Christopher C. McGrath, for Treiport Realty Co., owner.

PREMISES—1166 Ward avenue, east side, 100 ft. south of Westchester avenue (Block No. 3742, Lot No. 38), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (store).

277-35-BZ.

APPLICANT—Gerald M. Bloomfield, for Fordhof Realty Co., Inc., owner.

PREMISES—2171 Grand Concourse, west side, 182.75 ft. north of East 181st street (Block No. 3162, Lot No. 43), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the change of occupancy of an existing residence building to a business use.

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172-21-BZ.

APPLICANT—John J. Dunnigan, for Riverside-St. Clair Corp., owner.

PREMISES—564 Riverside drive, east side, 293.10 ft. south of St. Clair place (Block No. 1995, Lot No. 70), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened October 29, 1935),

TO PERMIT in a residence district the erection and maintenance of electric roof signs.

577-19-BZ.

APPLICANT—Joseph B. Lynch, for Emil Navone, owner.

PREMISES—179-183 West Houston street and 231-235 6th avenue, southwest corner (Block No. 520, Lot No. 33), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened September 17, 1935).

TO PERMIT in a business district the inclusion of a gasoline service station in a garage for more than five (5) motor vehicles (garage previously granted by the board).

NOVEMBER 26, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, November 26, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 247-35-BZ—Application, September 18, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Teresa Pisaniello, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 3007-3009 East Tremont avenue and 1491 Ericson place, northwest corner (Block No. 5381, Lot No. 38), The Bronx.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 26, 1935, 2 P. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, November 26, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 106-35-BZ—Application of Frank G. Whiteside, on behalf of Fourth Assembly District Unit, Republican League of Queens County, Inc., lessee, reopened October 29, 1935, for consideration of an amendment to the resolution of July 16, 1935, as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a residence district the change of occupancy of an existing building to business use (restaurant, ball room, etc.); premises 153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

CAL. NO. 1072-23-BZ—Application of Viola M. Smith, owner, reopened November 6, 1935, for consideration as to extension of permit—re Application granted for a temporary period permitting in a residence district the maintenance of a garage for the storage of five (5) motor vehicles, four (4) spaces rented to persons not residing on premises; premises 41 Richmond street, east side, 322 ft. south of Jamaica avenue (Block No. 4103, Lot No. 8), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 10, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 10, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 145-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Charles Ginsberg and Max Chesnoff, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

MINUTES

BOARD OF STANDARDS AND APPEALS

SPECIAL MEETING

WEDNESDAY MORNING, NOVEMBER 6, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board held on Tuesday morning, October 29, 1935 and the minutes of the regular meeting of the board held on Tuesday afternoon, October 29, were approved as printed in Bulletin No. 45, Vol. XX.

BUILDING ZONE CASES

145-35-BZ.

APPLICANT—Lama and Proskauer, for Charles Ginsburg and Max Chesnoff, owners.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

APPEARANCES—

For Applicant: James E. Vassalotti.

For Opposition: David Groberg.

ACTION OF BOARD—Laid over to December 10, 1935, at 10 a. m., upon request of applicant's representative.

212-35-BZ.

APPLICANT—Thomas W. Lamb, Inc., for Edwin J. Long, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

APPEARANCES—

For Applicant: H. J. Williams.

For Opposition: Edward Kuntz, Dominick Capuzzo and Leonard Ring.

ACTION OF BOARD—Laid over to November 19, 1935 at 2 p. m., for report of committee on inspection. No further argument.

196-35-BZ.

APPLICANT—Elizabeth Scheurer and Anna A. Scheurer, owners.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—40-01 23rd drive, northeast corner of Steinway street (avenue) (Block No. 793, Lot No. 26), Astoria, Borough of Queens.

APPEARANCES—

For Applicant: Henry H. Ehrlich.

For Opposition: Jabez Dunningham and Edward Weingold.

ACTION OF BOARD—Laid over to November 13, 1935, at 10 a. m., upon request of applicant's representative.

218-35-BZ.

APPLICANT—William Shary, for G. & D. Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution to permit in a business district the alteration and change of occupancy of part of an existing business building so as to include a gasoline service station.

PREMISES AFFECTED—2368-2372 Jerome avenue and 2-6 East 184th street, southeast corner (Block No. 3187, Lot No. 25), The Bronx.

APPEARANCES—

For Applicant: None.

For Opposition: August Kuhn.

ACTION OF BOARD—Application withdrawn upon written request of applicant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

198-35-BZ.

APPLICANT—Abraham Farber, for Lena Cohen and Aaron Cohen, owners.

SUBJECT—Application (re decision of the commissioner of buildings), under section 7b of the building zone resolution, to permit partly in a residence district and partly in a business district the alteration and change of occupancy of part of an existing building to business use (store).

PREMISES AFFECTED—1314 41st street, south side, 85 ft. east of 13th avenue (Block No. 5594, Lot No. 10), Brooklyn.

APPEARANCES—

For Applicant: Abraham Farber and Aaron Cohen.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(198-35-BZ)

WHEREAS, Abraham Farber, for Lena Cohen and Aaron Cohen, owners, filed, July 16, 1935, an application under the building zone resolution to permit in a business district and partly in a residence district the alteration and change of occupancy of part of an existing building to business use (stores); premises: 1314 41st street, south side, 85 ft. east of 13th avenue (Block No. 5594, Lot No. 10), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 6, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 13th avenue is in a business district; 41st street and 42nd streets are in both residence and business districts; 14th avenue is in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered July 10, 1935 (re Alt. App. No. 7582-1935), reads:

"1. Proposed alteration of extending business use into residence district is in violation of Article 2, Subdivision 3, of the Building Zone Resolution."

and

WHEREAS, the building is of non-fireproof construction, 3 stories in height, with a frontage of 20 feet and a depth

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of 60 feet; occupied as a dwelling; there is a 5-ft. wide court along the east lot line of the premises in question. The westerly portion of the plot extends into the business district for a distance of 15 ft.—the remaining 5 ft. of the plot is in the residence district. It is proposed to extend the existing building out to the building line—a distance of 9 ft. 7 in., and to occupy the building as store and dwelling on the 1st story and as dwelling above the 1st story; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under section 7, subdivision B of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted under section 7, subdivision "B," permitting the building under appeal to be extended to the building line as indicated on plans filed with this appeal and the business use on 1st story only, extended to the front building line, on condition that in all other respects the building and use shall comply with the requirements of the Zoning Resolution; that any advertising displayed shall be restricted to plate glass show window of store front and that no merchandise shall be exposed or displayed outside the building or premises.

203-35-BZ.

APPLICANT—Samuels & Samuels, for Charles Kuegerl, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—260-02 Hillside avenue, southeast corner of 260th street (Block No. 4536, Lot No. 33), Queens Village, Queens.

APPEARANCES—

For Applicant: Archie Samuels.

For Opposition: Robert C. Purvis, Frank Hammel, Mrs. L. Reinhardt and others.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(203-35-BZ)

WHEREAS, Samuels and Samuels, for Charles Kuegerl, owner, filed, July 24, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 260-02 Hillside avenue, southeast corner of 260th street (Block No. 4536, Lot No. 33), Queens Village, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 6, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Hillside avenue is in a business district; 260th and 261st streets are in both residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered July 22, 1935, re Permit No. 2736-1935, reads:

"1. The erection of a gasoline selling station in a business district is contrary to Article 2, Section 4, of the Building Zone Resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 60 ft. on Hillside avenue and a depth of

100 ft. It is proposed to demolish the one-story frame dwelling on the site and to erect thereon a one-story office and lubritorium structure 35 ft. by 23 ft. in area and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, a committee of the board, in order to be informed prior to the hearing, inspected these premises on October 31, 1935; and

WHEREAS, it appears that this immediate section is substantially built up and that there are business uses within this area and that the site under appeal is now used for residence purposes, which is a conforming use in a business district; and

WHEREAS, in the opinion of the board, the St. Albans' decision has no application to this area since it is not farmland in the immediate vicinity; and

WHEREAS, this owner has an income from this property from an existing conforming use and is not entitled to a variance to permit a non-conforming use so as to be able to obtain a larger income.

Resolved, that the decision of the commissioner of buildings be and it hereby is affirmed, and that the application be and it hereby is denied.

258-35-BZ.

APPLICANT—Henry C. Brucker, for Octagon Laundry, Inc., owner.

SUBJECT—Application (decision of the commissioner of buildings), under section 7b of the building zone resolution, to permit the extension from a business district into a residence district, of an existing wet wash laundry and the erection, partly in a business district and partly in a residence district of a proposed garage for more than five (5) motor vehicles as an accessory to the laundry.

PREMISES AFFECTED—2120-2124 Menahan street (rear) south side 185.96 ft. east of Grandview avenue (Block No. 3373, Lot No. 18), Ridgewood, Borough of Queens.

APPEARANCES—

Henry C. Brucker, William Eisenhardt, Herman Ring, Jr.

For Opposition: M. Gaillard and Harold M. Klein.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(258-35-BZ)

WHEREAS, Henry C. Brucker, for Octagon Laundry, Inc., owner, filed, September 25, 1935, an application under the building zone resolution to permit the extension from a business district into a residence district of an existing wet wash laundry and the erection partly in a business district and partly in a residence district of a proposed garage for more than five (5) motor vehicles as an accessory to the laundry; premises: 2120-2124 Menahan street (rear) south side, 185.96 ft. east of Grandview avenue (Block No. 3373, Lot No. 18), Ridgewood, Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 6, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Menahan street is in a business district; Forest avenue is in a business district; Grove street is in a business and residence district and Grandview avenue is in a business district; and

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WHEREAS, the decision of the commissioner of buildings, rendered September 13, 1935 (Alt. 6681-1935), reads:

"The extension of a wet wash laundry located within a business district, into a residence district, said extension for use as a store room and a garage for more than 5 motor vehicles all in conjunction with the existing wet wash laundry is contrary to Section 3 of the Building Zone Resolution.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of approximately 60 ft. and a depth of 171 ft. 8 in.; upon the westerly front of the plot there is located a one- and two-story brick wet wash laundry having a maximum depth of 112 ft. 5 in. It is proposed to erect on the (irregular) rear portion of the plot a one-story structure approximately 57 ft. by 53 ft. 4 in. to be used as a garage for more than five auto trucks used in connection with the laundry and also as a store room. Entrance to proposed garage is by means of a 10-ft. wide existing driveway. Approximately two-thirds of the area of the (rear portion) of the proposed structure is in the residence district and the remainder is located in the business district; and

WHEREAS, a committee of the board in order to be informed prior to the hearing, inspected these premises on October 31, 1935; and

WHEREAS, the board deems that the applicant is entitled to a variation under the provisions of section 7-B of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted*, under section 7-B, permitting the construction of the addition to the existing building and the existing use thereof as shown on plans filed with this application, *on condition* that the building shall be constructed of fireproof materials and that there shall be no openings of any nature in the walls of the building to any adjoining premises; that skylights shall be erected not nearer than 10 ft. to any part of the lot line; that the existing boiler room in the laundry building shall open only to the existing driveway on the easterly side of the premises and that there shall be no openings of any kind in the rear of the present laundry building into the proposed extension to be used as a private garage solely for the use and storage of the motor vehicles owned by the owner of this laundry and operated in connection therewith; that if any gasoline pump and tank are erected, they shall be used solely for the supply of gasoline to the owner's trucks; that all permits required shall be obtained within six months and all work completed within one year from the date of this action.

825-27-BZ.

APPLICANT—Alfred Taffett, for Richard Morrison, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the use of a plot of ground as an outdoor garage for the storage of more than five (5) motor vehicles (previously denied for a gasoline service station; reopened June 18, 1935).

PREMISES AFFECTED—Southeast corner of Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), The Bronx.

APPEARANCES—

For Applicant: Alfred Taffett.

For Opposition: James A. Palmer, Alfred L. Krazner, Lester A. Kent and Mr. Feibel.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(825-27-BZ)

WHEREAS, Richard Morrison, owner, filed, July 18, 1927, an application under the building zone resolution to permit in a residence district the erection and maintenance of a gasoline service station; premises southeast corner Bronx boulevard and East 219th street (Block No. 4649, Lot No. 41), Borough of The Bronx; and

WHEREAS, this application was denied by the board at its meeting, January 10, 1928, and owner, through his representative, Alfred Taffett, requested a reopening of the case to permit in a residence use district the use of a vacant plot of ground for the storage and parking (outdoor garage) of more than five (5) motor vehicles; and

WHEREAS, this case was reopened by vote of the board June 18, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 6, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Bronx boulevard is in a residence district; Carpenter avenue is in a residence district; East 219th street is in a residence district and Olinville avenue is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered May 24, 1935, reads:

"Your request of May 16, 1935, for a permit for an outdoor garage for the storage of more than five (5) motor vehicles in a vacant plot on the southeast corner of Bronx boulevard and 219th street in the Borough of The Bronx is hereby denied as the premises are located in a residence district as established by the building zone resolution in which the proposed occupancy is prohibited.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 131.2 ft. on Bronx boulevard and 94.2 ft. on East 219th street; it is proposed to occupy the vacant plot for the parking and storage of more than five (5) motor vehicles; and

WHEREAS, a committee of the board, in order to be informed prior to the hearing, inspected these premises on October 31, 1935; and

WHEREAS, the board deemed that this site is an improper location for a parking space located in a highly developed residential area fronting on a parkway; and

WHEREAS, the board was of the opinion that the plot is adaptable and available for a conforming use; and

WHEREAS, the board deems that the applicant has not substantiated his basis of appeal, brought under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

232-35-BZ.

APPLICANT—Lawrence M. Rothman, for Wolf-Kahn Realty Corp., lessee. (25 year lease).

SUBJECT—Application (re decision of the commissioner of buildings), under section 7b of the buildings zone resolution to permit the erection and maintenance of an addition to an existing business building located within a business district, a part of the addition to extend into a residence district.

PREMISES AFFECTED—308-324 East Fordham road, southwest corner of Elm place (Block No. 3023, Lot No. 26), The Bronx.

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APPEARANCES—

For Applicant: Lawrence M. Rothman and Ernest Kahn.

For Opposition: Frank Habeck, James J. Drew, William F. Brunner, Elizabeth J. B. Ryan.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(232-35-BZ)

WHEREAS, Lawrence M. Rothman, for Wolf-Kahn Realty Corp., owner, filed, September 3, 1935, an application under the building zone resolution to permit the erection and maintenance of an addition to an existing business building located within a business district, a part of the addition to extend into a residence district; premises: 308-324 East Fordham road, southwest corner of Elm place (Block No. 3023, Lot No. 26), The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 6, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Fordham road is in a business district; Elm place is in residence and business districts and Tiebout avenue is in residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered August 29, 1935, re App. No. 342-1935, reads:

"1. Proposed addition to present business building to extend into a residence district is contrary to the provisions of the building zone resolution;"

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 111.8 ft. on Fordham

road and 115.9 ft. on Elm place. Upon the plot there is a one- and two-story business building located entirely within the business district. This building has a frontage of 111.8 ft. on Fordham road and 104 ft. 10 in. on Elm place. At the southerly part of the Elm place front of the plot there is a vacant area having a frontage of 11 ft. on Elm place; upon part of this vacant area it is proposed to erect a building 4 stories in height above the Elm place curb—having a frontage of 11 ft. and a depth of 26 ft. and to be used for business purposes. The southerly (gore shaped) portion of this proposed extension is in the residence district (approximately 132 sq. ft.) and the remainder is in the business district; and

WHEREAS, a committee of the board, in order to be informed prior to the hearing, inspected these premises on October 31, 1935; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 7(b) of the building zone resolution, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted*, under section 7(b), permitting the area under appeal to be used for business purposes and permitting the extension of the existing building generally as indicated on plans filed with this appeal, *on condition* that the extension shall not exceed in height the existing building and that there shall be no area below the grade of Fordham road, capable of being occupied and opening to Elm place; that there shall be no door openings constructed in the existing building or the proposed extension to Elm place; that any windows constructed in the southerly lot line wall shall have fireproof frames and sash and glazed with wire glass and self-closing; that the extension shall be constructed as to its Elm place facade of brick similar to that in the existing building.

Adjourned, 12:20 a. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

SPECIAL MEETING

WEDNESDAY AFTERNOON, NOVEMBER 6, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

504-18-BZ.

APPLICANT—Donald R. Baldwin, for The Stanton Co., owner.

SUBJECT—Application for reopening—amendment—re (decision of the commissioner of buildings), under sections 7a, 7c, 7e and 21 of the building zone resolution, to permit in a business district the erection and maintenance of a garage for more than five motor vehicles.

PREMISES AFFECTED—138-140 East 25th street, south side, 94 ft. east of Lexington avenue (Block No. 880, Lot Nos. 61 and 62), Manhattan.

APPEARANCES—

For Applicant: Donald R. Baldwin.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

1072-23-BZ.

APPLICANT—Viola M. Smith, owner.

SUBJECT—Application for reopening—extension of permit—re Application, permitting in a residence district the maintenance of a garage for the storage of five (5) motor vehicles, four (4) spaces rented to persons not residing on premises.

PREMISES AFFECTED—41 Richmond street east side, 322 ft. south of Jamaica avenue (Block No. 4103, Lot No. 8), Brooklyn.

APPEARANCES—

For Applicant: Viola M. Smith.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing, November 26, 1935, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

4-34-BZ.

APPLICANT—Samuel Rosenblum and Earl I. Gallant, for Josephine J. Schnurmacher, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the

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building zone resolution, to permit partly in a business district and partly in a residence district, the erection and maintenance of a gasoline service station; (previously withdrawn re garage and gasoline station; reopened June 25, 1935).

PREMISES AFFECTED—4025-4029 White Plains avenue, west side, 168.51 ft. south of East 228th street (Block No. 4829, Lot No. 11), The Bronx.

APPEARANCES—

For Applicant: Samuel Rosenblum.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(4-34-BZ)

WHEREAS, Max Siegel, for Josephine J. Schnurmacher, owner, filed Jan. 12, 1934, an application under the building zone resolution to permit partly in a business use and partly in a residence use district, the erection and maintenance of a garage for more than five motor vehicles and also a gasoline service station; premises: west side of White Plains road 245.85 ft. north of 226th street, also known as 4025-4029 White Plains avenue, west side, 168.51 ft. south of East 228th street (Block No. 4829, Lot No. 11), The Bronx; and

WHEREAS, this application was withdrawn March 20, 1934, and owner, through her representative, Samuel Rosenblum, requested a reopening of the case to permit partly in a business use and partly in a residence use district the erection and maintenance of a gasoline service station only; and

WHEREAS, this application was reopened by vote of the of the board on June 25, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 6, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that White Plains avenue (road) is in a business district; Lowerre place is in a residence district; East 227th street and East 228th street are in both residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered August 7, 1935 (App. No. 171-1935), reads:

"1. Erection of buildings and maintenance of premises in business and residence districts to be occupied as gasoline service station is contrary to provisions of building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 92.9 ft. and a depth of 125 ft.—the rear portion of the plot extends into the residence district for a distance of 25 ft. and the remainder of the plot is in the business district. Proposes to erect upon the plot a one-story office, grease pit and auto washing structure 60 ft. x 24ft. in area and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE

Nov. 1, 1935.

Cal. 4-34-BZ.

Premises—4025-4029 White Plains ave., The Bronx.

The premises are on the westerly side of White Plains avenue, Borough of The Bronx, and have a frontage of approximately 92 ft. and a depth of 125 ft.

This plot is vacant except for bill boards and is vacant as are the adjoining plots south and north owned by others and of the same size. Whatever the board permitted on the plot under appeal could hardly be denied the adjoining plots so similarly situated. Other than those three plots and one other in the next block north, the street is completely developed with business buildings and the street east and west, zoned for residence use, with residence buildings. There appear to be no non-conforming uses in the immediate area. Vacancies appear to be at the minimum and the existence of chain stores indicate that this area is considered a good neighborhood business section. The presence of the elevated subway cited as an element of hardship has apparently not prevented others developing as it is a matter of common knowledge that it was the extension of the subway into this section that largely caused the development. There may be a difficult financial problem in this plot because of a larger mortgage and what may be considered a high assessment. This, however, cannot be used as practically the sole basis of hardship, nor can prevailing store rents temporarily too low to encourage the construction of a building be used to upset the zoning in the absence of other substantial elements of hardship.

In the opinion of the committee upon inspection on October 31, the basis of hardship under section 21 has not been substantiated. These plots are usable for conforming uses and the committee recommends that the application be denied.

(Signed) HARRIS H. MURDOCK, *Chairman*.
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee.

and

WHEREAS, this report recommended the denial of this application; and

WHEREAS, the board deems that the applicant did not establish hardship as contained within the purview of section 21 of the building zone resolution, under which section the application was brought.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

168-35-BZ.

APPLICANT—Henry Lichtig, for Spoolan Realty Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of part of an existing building from stores to motor vehicle repair shop.

PREMISES AFFECTED—841-847 East 149th street northeast corner of Union avenue (Block No. 2674, Lot Nos. 17, 18, 19 and 20), The Bronx.

APPEARANCES—

For Applicant: Henry Lichtig.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(168-35-BZ)

WHEREAS, Henry Lichtig, for Spoolan Realty Corp., owner, filed June 21, 1935, an application under the building zone resolution to permit in a business district the

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alteration and change of occupancy of part of an existing building from stores to motor vehicle repair shop; premises: 841-847 East 149th street, northeast corner of Union avenue (Block No. 2674, Lot Nos. 17, 18, 19 and 20), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 6, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that East 149th street, Union avenue and Southern boulevard are all in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 8, 1935, re (Alt. App. No. 286-1935) reads:

"1. Proposed changes of occupancy of stores to automobile repair shop in a business district is contrary to the provisions of the building zone resolution.";

and

WHEREAS, the building is of non-fireproof construction, one story in height, with a frontage of 100 ft. on East 149th street and 75 ft. on Union avenue; occupied for nine stores. It is proposed to remove partitions and occupy the premises as a motor vehicle repair shop; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board, report, of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE

Nov. 1, 1935.

Cal. No. 168-35-BZ.

Premises—841-847 East 149th street, The Bronx.

Inspection by a committee of the board on October 31, 1935, discloses that of the three stores which under the application for a zoning variance are to be consolidated into one for automobile repairing, consisting of brake testing, two are now being used for this purpose and signs indicate that other repair work is carried on. This is a busy portion of East 149th street and in the opinion of the committee this type of business is properly illegal at this location. One of the three stores is now used for a conforming business which would be discontinued for the proposed non-conforming use. In the opinion of the committee these stores can be and should be used for a conforming use and can find no justification for granting this under the plea of unnecessary hardship, and recommend denial.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of the application; and

WHEREAS, the board deems that the applicant did not substantiate section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the appeal be and it hereby is *denied*.

194-35-BZ.

APPLICANT—William J. Carey for William J. Carey and May E. Carey, owners.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot No. 26), Rosedale, Queens.

APPEARANCES—

For Applicant—William J. Carey.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(194-35-BZ)

WHEREAS, William J. Carey, for William J. Carey and May E. Carey, owners, filed, July 11, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 136-01 Brookville boulevard and 240-02 136th avenue, southeast corner (Block No. 3715, Lot 25), Rosedale, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 6, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Brookville boulevard is in a business district; 241st street and Laurelton parkway are in residence districts; 136th avenue is in residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered June 13, 1935 (App. No. 2154-35), reads:

"The erection of a gasoline service station within a business district is contrary to section 4 of building zone resolution.";

and

WHEREAS, the premises consist of a plot of ground having a frontage of 80 ft. on Brookville boulevard and 89 ft. on 136th avenue, upon which it is proposed to erect a one-story office 13 ft. by 14 ft. in area, grease pits and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the site under appeal was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE.

November 1, 1935.

Cal. No. 194-35-BZ.

Premises—136-01 Brookville boulevard and 240-02 136th avenue, Rosedale, Queens.

The applicant desires to use the corner plot in an area zoned for business purposes for a gasoline station. Brookville boulevard practically parallels the Laurelton parkway now under construction and is separated from it at this point by a shallow block part of which along the boulevard was recently rezoned for residential use, "F" area, the most restricted provided for under the zoning resolution. Brookville boulevard, an 80-ft. street remained zoned for business for 100 ft. on the southeasterly side and for a shallow depth on the northwesterly side. This is the only neighborhood business area provided for some distance, as the area southerly is also residential.

This owner has 180 ft. of frontage on Brookville boulevard on part of which is his home. Across the street the Park Department has constructed a playground now in operation. A new school occupies the entire block on 136th avenue and 241st street the next block east. Essentially this is in a residential area even though Brookville boulevard is zoned for business. It should be greatly improved by the construction of the parkway and the rezoning. The area is exceptionally desirable for private houses. This owner because of heavy taxes and assessments because of the parkway and particularly because of personal condition de-

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sires to use a part of his property on the corner for a gasoline station. The committee which inspected the premises and the area are sympathetic with the financial problem involved, but are confronted with the requirements of law that proof of hardship because of the zoned use must be shown to permit the board to vary. Such proof of hardship is not present although perhaps to the applicant there appears ample reason why the law should be set aside for his benefit.

The committee is of the opinion that a gasoline station would be unsuccessful and hinder the proper development of the neighborhood and would not be in the interest of public health, safety and general welfare. The section is developed with many private homes and the new school, the parkway and the rezoning should materially benefit the area.

Denial is recommended.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application; and

WHEREAS, the board deems that the applicant has not substantiated section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

533-28-BZ.

APPLICANT—Eugene DeRosa, for 2291 Realty Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), reopened May 21, 1935, under sections 7c and 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a business building (theatre, stores and restaurant), amended by applicant at hearing September 17, 1935, to change the application to permit an apartment house with stores on 1st story.

PREMISES AFFECTED—2255-2291 Grand Concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), The Bronx.

APPEARANCES—

For Applicant: Eugene DeRosa, Sidney Diamond.

For Opposition: Wm. J. H. Molmer, Norman Lipkind.

ACTION OF BOARD—Application granted on condition.

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(533-28-BZ)

WHEREAS, John Caldwell Meyers, for Gilt Edge Corp., owner, filed, June 12, 1928, an application under the building zone resolution, to permit in a residence use district the erection and maintenance of a building with stores on the first story; premises 2245 Grand Concourse, west side, 97.02 ft. north of East 182nd street (Block No. 3163, Lot Nos. 26, 30 and 32), Borough of The Bronx; and

WHEREAS, this application was denied by the board, November 20, 1928, and the present owner, 2291 Realty Corporation, through its representative, Eugene De Rosa, requested a reopening of the case, to permit in a residence use district an apartment house with stores on the first story; premises 2255-2291 Grand Concourse, west side, 93 ft. south of East 183rd street (Block No. 3163, Lot Nos. 26, 30 and 32), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special

meeting, November 6, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that the Grand Concourse is in a residence district; Creston avenue and East 183rd street are in both residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered September 19, 1935 (re N. B. App. 108-1935), reads:

"1. Erection of proposed building in residence district to be occupied for business purposes (stores on first floor) is contrary to provisions of building zone resolution.";

and

WHEREAS, the building is to be of non-fireproof construction, 6 stories in height, with a frontage of 300 ft. and a depth of 94 ft. 9 in., irregular, to be occupied as an apartment house with stores on the first story; and

WHEREAS, the site under appeal was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE.

Cal. No. 533-28-BZ.

Premises—2255-2291 Grand Concourse, The Bronx.

November 3, 1935.

The plot under appeal has a frontage of three hundred feet on the Concourse, all under one ownership for some years and zoned for residential use. The plot is somewhat irregular as to depth and is vacant as to the southerly portion, and on the northerly portion there are two private houses. It is now proposed under the revised plans, filed October 28th, 1935, to reduce the area under appeal and to construct a six-story Multiple Dwelling in conformity with the requirements of the Zoning Resolution and Multiple Dwelling Law on the southerly two hundred feet but a minor modification of the Zoning requirements is asked to the extent of being permitted to use a part of the ground floor for shops. Either side of the main central entrance, the street floor apartments will be used conformingly and would be available for doctors with their offices in their apartments. The shops proposed would occupy approximately 70 ft. to the north and 70 ft. to the south of these apartments.

An application in 1928 by a former owner for store use in a proposed six-story apartment to occupy the southerly 150 ft. was denied by this board. That application was objected to by the interests who have since consolidated their holdings by adding that property and now bring this appeal. The Board granted a reopening to permit the applicant to apply for a business building including a theatre but upon finding that that application would be unfavorably received, the owner modified the application so as to call for a residential building. He claims that in this particular block there are so many existing business uses, some of which have been permitted since the prior denial, that while he opposes the rezoning of this block to business uses and believes that it should remain substantially residential in character, he cannot use the entire street floor in strict conformity with the Zoning requirements. He points out the business uses to the south and north of long standing and the recent rezoning of the Board of Estimate and Apportionment of the area opposite for 100 ft. on the Concourse north and south of 183rd street.

Inspection by the committee confirms the conditions as set forth and as clearly indicated by the photographs filed. In the committee's opinion there is hardship as to the street floor because of the unique position of this property in this block, to the extent that as regards the street floor it is impossible to use it all strictly for residential purposes. Many of the neighboring owners are now enjoying permitted business occupancies;

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the only objector is the owner of the apartment in the rear whose objection the committee understands is waived provided the legal rear yard space is provided. Were the balance of this block, other than already rezoned to business uses, to be so rezoned in its entirety, any type of permitted business use could be constructed. There is no other procedure possible to permit a modified business use so as to retain the desired general residential character except a modification by this board. Without such a modification, an apartment building will, in the committee's opinion, not be constructed because of the undesirability of the street floor apartments in this block because so much business already exists. Even were such a building constructed without a legal modification as to the use of the street floor, illegal uses difficult to control would undoubtedly creep in.

In the committee's opinion this application should be granted and that the use of part of the ground floor should be permitted for shops provided no shop exceeds fifty feet in depth with no openings to the rear; that the shops should be not over ten feet in clear height and should be used only for the least objectionable type of business uses, excluding groceries, delicatessen, meat and fish markets, undertakers' establishments, theatres, bakeries and other business uses that would detract from the residential occupancies and with signs restricted to the minimum; complete plans should be approved prior to filing with the commissioner of buildings. It is the committee's further opinion that granting this limited modification, public welfare will be conserved and substantial justice done.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, this report recommended that this application be granted with certain restrictions as would protect the adjoining property owners; and

WHEREAS, the board deemed that due to surrounding business conditions, as set forth, a certain degree of hardship existed within the purview of section 21 as to the use of portions of the street floor, if such space were required to be used only for conforming residential purposes.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 thereof, only so far as it has reference to the use of portions of the street floor space for limited business use and subject to such further conditions as the board may impose after complete plans for the proposed multiple dwelling have been submitted, carrying out the recommendations of the committee.

44-34-BZ.

APPLICANT—Robert A. Schnepfer, for Annuncio Ambrosia, owner.

SUBJECT—Application for reopening—remitted to board by order of the court—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—137-02 to 137-10 Linden boulevard (114th avenue), southeast corner of Van Wyck street (boulevard); (Block No. 2785, Lot Nos. 7, 8, 9, 10 and 11), South Ozone Park, Borough of Queens.

APPEARANCES—

For Applicant: Annuncio Ambrosia.

ACTION OF BOARD—Application reopened and granted on condition.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO GRANT ON CONDITION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(44-34-BZ)

WHEREAS, Robert Schnepfer, for Annuncio Ambrosia, owner, filed, February 15, 1934, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 137-02 to 137-10 Linden boulevard (114th avenue), southeast corner of Van Wyck street (Boulevard); (Block No. 2785, Lot Nos. 7, 8, 9, 10 and 11), South Ozone Park, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, May 8, 1934, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Linden boulevard is in a business and residence district, Van Wyck boulevard is in a business district and 138th street is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered January 26, 1934, re: Plan No. 78-1934, reads:

"The erection of a gas station in a business district is contrary to article 2, section 4 of the zoning law;" and

WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on Linden boulevard and 100 ft. on Van Wyck boulevard—upon which it is proposed to erect a one story office 18 ft. by 18 ft. in area and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was denied by the board at its meeting May 8, 1934; and

WHEREAS, after denial by this board this application was remitted to the board by the court to be granted under section 21 of the building zone resolution under certain conditions to be set by this board; and

WHEREAS, this application was reopened by vote of the board.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 under instructions of the court, to permit the plot under appeal to be occupied as a gasoline service station, *on condition* that the station shall be constructed substantially in accordance with the revised plans filed marked "Received October 30, 1935"; that there shall be constructed on the interior lot lines continuously from Van Wyck boulevard to Linden boulevard, masonry walls constructed of brick and suitably coped, not less than 6 ft. in height, except that these walls may be constructed 4 ft. in height at the street building line and graduated at the rate of one foot in four to the 6-ft. height; that the accessory building shall be located toward the westerly portion of the plot, as indicated; that this accessory building shall be constructed of fireproof materials except that the roof beams, roof boarding, window frames and sash, door frames and doors may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals and that the roof surfacing is of non-inflammable material; that the areas indicated to be planted shall be so maintained at all

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times; that there shall be surrounding these areas, concrete curbs constructed not less than 5 in. in height and not less than 12 in. in width; that there shall be not more than three openings to Linden boulevard and three openings to Van Wyck boulevard, no opening to exceed 16 ft. in width and with curb cuts opposite, not exceeding 20 ft. in width; that no part of any opening shall be nearer than 19 ft. to the corner formed by Van Wyck and Linden boulevards; that gasoline pumps shall be not nearer than 20 ft. to either street building line; that gasoline pumps shall be of the masonry pedestal type, as approved for use on the Long Island State parkway; that there may be lighting standards over these pumps not less than 9 ft. in height, as indicated, with metallic shades arranged to reflect downwardly; that the entire plot where not occupied by accessory building and planting areas shall be cement paved; that there shall be no automobile repairing permitted on the premises and no portable gasoline tanks shall be permitted thereon; that no advertising signs other than the illuminated globes of the pumps shall be permitted except that a post standard may be erected within the building line near the intersection of Linden and Van Wyck boulevards, carrying an illuminated sign advertising only the brand of gasoline for sale; that said sign shall not extend more than 8 ft. beyond the building line and prohibiting all other signs; that there shall be no parking of cars other than those being serviced; that complete working drawings shall be submitted to the board and approved by the chairman on behalf of the board, as complying with the stipulations of this resolution, before same are filed with the commissioner of buildings; that such plans shall be submitted within one month and that thereafter plans shall be filed with the commissioner of buildings and all work completed within one year from the date of this resolution.

287-33-BZ.

APPLICANT—Edwin H. Snackenberg, for Sinclair Refining Co., lessee (long term lease).

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Northwest corner of Jamaica avenue (31st avenue) and Newtown road (Block No. 695, Lot Nos. 1 and 1½), Astoria, Borough of Queens.

APPEARANCES—

For Applicant: Edwin H. Snackenberg.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(287-33-BZ)

WHEREAS, this application affecting premises northwest corner of Jamaica avenue (31st avenue) and Newtown road (Block No. 695, Lot Nos. 1 and 1½), Astoria, Borough of Queens, was denied by the board April 10, 1934; and

WHEREAS, the matter was referred back to the board by order of the Court for the setting up of such conditions as will safeguard the neighborhood; and

WHEREAS, the order of the court was carried out by the board at its meeting April 23, 1935; and

WHEREAS, applicant requests an amendment of the resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21 in accordance with the order of the Court dated February 13, 1935, permitting the plot under appeal to be used as a gasoline service station, *on condition* that all structures now existing on the plot shall be removed and the plot shall be leveled substantially to the grade of surrounding streets; that there shall be erected on the interior lot lines from Jamaica avenue (31st avenue) easterly and thence generally southerly to Newtown road a masonry wall not less than 8 feet in height; that the accessory buildings shall be located as indicated toward the easterly end of this plot and that the rear walls of these accessory buildings may be incorporated as part of lot-line wall as herein required; that there shall be no openings in the walls of these accessory buildings to the adjoining premises; that these accessory buildings shall not exceed one story in height and shall be for use only as office and accessory stores, auto laundry and for greasing, excluding automobile repairing; that these accessory buildings shall be constructed of fireproof materials except that the roof beams, roof boarding, doors and door frames, window and window frames may be of wood *on condition* that the ceilings throughout shall be fire-retarded in accordance with the rules of the Board of Standards and Appeals, and the weather surfacing of the roof shall be of non-inflammable material; that there shall be no open excavations under these accessory buildings except for greasing pits; that the front portion of the greasing pit section shall be left open except that overhead doors may be installed provided a mechanical ventilating system is installed and maintained, ventilating the pits through ducts through and above the roof; that gasoline pumps erected shall be not nearer than 10 feet to any building line; that there shall be erected on the street building line a reinforced concrete curb cast integral with the cement paving; *that this curb shall be 12 inches in width and not less than 5 inches in height with rounded top; that there shall be not more than three openings therein, one opening to Newtown road, not exceeding 40 feet wide and two openings to 31st avenue not exceeding 30 feet wide each which shall be separated by a section of curb not less than 7 feet in length; that curb cuts opposite these openings shall be not over 5 feet wider than the openings in the street building line curbs; that no part of any opening shall be nearer than 10 feet to the intersection of Newtown road and Jamaica avenue (31st avenue) and not under 10 feet from any interior lot line; that the plot where not covered by accessory buildings and curbing shall be cement paved; that no open flame shall be permitted on the premises; that no portable gasoline tank shall be used on or from the premises; that signs shall be limited to the illuminated globes of the gasoline pumps and to permanent flat sign against the front of accessory buildings and to not more than one post standard erected within the building line near the intersection of Newtown road and Jamaica avenue (31st avenue) to carry an illuminated electric sign which may overhang the building line, advertising only the brand of gasoline sold; that all plans shall be filed within six months and all work completed within one year from the date of this amended resolution; that other than as amended herein the resolution adopted by the board on April 23, 1935, shall be complied with in all respects.*

APPEALS FROM ADMINISTRATIVE ORDERS

220-35-A.

APPELLANT—Harry Lazaroff, adjoining owner against Pauline Sweetwood, owner and Lakeland Theatre, lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings—re Revocation of certificate of occupancy.

MINUTES

PREMISES AFFECTED—273 Brighton Beach avenue, north side, 40 ft. east of Lakeland place (Block No. 7284, Lot Nos. 1131 and 1132), Brooklyn.

APPEARANCES—

For Appellant: Joseph E. Marcus.

For Owner: Milton M. Mound, Samuel Weinberg.

For Administration: Assistant Engineer B. Saltzman, of buildings.

ACTION OF BOARD—Laid over to November 19, 1935, at 2 p. m., for report of committee on inspection.

283-35-A.

APPELLANT—Caldo Fuel Oil Co., Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: Aubrey Bain.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Laid over to November 19, 1935, at 2 p. m., to obtain further information from fire department.

286-35-A.

APPELLANT—Harry L. Marcus, for Triangle Farms, Inc., owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—51-61 Union street, northwest corner of Van Brunt street (Block No. 334, Lot No. 34), Brooklyn.

APPEARANCES—

For Appellant: Harry L. Marcus, Gerald De Maltoff, Jr.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Laid over to November 19, 1935, at 2 p. m., for report of committee on inspection.

289-35-A.

APPELLANT—John J. Gilmartin, for Estate of Alonzo Hornby, owner.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—117 West 42nd street (Block No. 995, Lot No. 24), Manhattan.

APPEARANCES—

For Appellant: John J. Gilmartin.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(289-35-A)

WHEREAS, John J. Gilmartin, for Estate of Alonzo Hornby, owner, filed, October 21, 1935, an appeal from an order and a decision of the commissioner of buildings affecting premises 117 West 42nd street (Block No. 995, Lot No. 24), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings dated March 14, 1935 (Order No. 20241-F), reads:

"1. Provide approved fireproof windows or iron shutters at all openings in the exterior wall above 1st story which are distant in a direct line less than 30 ft. from any opening in any other building and not in the same plane with said openings and which are not more than 50 ft. above a neighboring roof at rear of

building, or other approved protection, as per section 375, article 18, chapter 5, of the code of ordinances."; and

WHEREAS, the decision of the commissioner of buildings, dated September 21, 1935, reads:

"In reply to your letter of September 14th, you are advised that the above order is applicable and your request for rescindment is therefore denied."; and

WHEREAS, the building is non-fireproof, 4 stories and mezzanine (55 feet) in height, 25 ft. by 100 ft. in area at 1st and mezzanine stories and 25 ft. by 45 ft. in area above; OCCUPIED: cellar, storage; 1st story, stores; mezzanine story, tea room, 25 persons; 2nd, 3rd and 4th story, offices, 10 persons each story; located within a retail district; and

WHEREAS, the applicant claims the building was erected prior to 1916, no certificate of occupancy has been issued; there are 9 windows in the rear wall affected by the order; the exposure is created by the rear extension roof of the adjoining building at east which is used for banking purposes; this condition has been existing since the building was erected in 1916; the building is small in height and area; strict compliance with the order would be a hardship; the board is requested to modify the order.

Resolved, that the order of the commissioner of buildings, No. 20241-F, be and it hereby is *modified*, and the appeal be and it hereby is *granted* so as not to require the rear windows covered by this order to be made fireproof or protected with iron shutters, and granted only so long as the building at No. 115 West 42nd street (the extension roof of which is the exposure, which was responsible for this order), is used for commercial banking purposes.

VARIATION OF LABOR LAW.

275-35-S.

APPLICANT—Frank V. Laspia, for Refined Macaroni Company, owner.

SUBJECT—Variation of the labor law as cited in a decision of the health commissioner.

PREMISES AFFECTED—225-227 Cook street, north side, 175 ft. east of White street (Block No. 3118, Lot No. 30), Brooklyn.

APPEARANCES—

For Petitioner: Frank V. Laspia.

For Administration: None.

ACTION OF BOARD—Laid over to November 19, 1935, at 2 p. m., for report of committee on inspection.

APPLIANCES SUBMITTED FOR APPROVAL.

292-35-SA.

APPLICANT—Jay H. Newbury & Son, Inc., owner.

SUBJECT—J. H. N. Fill Pipe Terminal, approval of.

APPEARANCES—

For Applicant: Louis M. Swasey, George C. Newbury.

ACTION OF BOARD—Application placed on reserve calendar, subject to test and report by engineer of board.

190-35-SA.

APPLICANT—Sears, Roebuck & Company, owner.

SUBJECT—Air-O-Flame Space Heater, Models 108 and 810 (pot type)—approval of.

APPEARANCES—

For Applicant: W. A. Carland and Harold O. Berry.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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MINUTES

Negative 0
Absent 0

THE RESOLUTION—

(190-35-SA)

WHEREAS, Sears Roebuck & Company, owner, filed, July 8, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Air-O-Flame Space Heater, Models 108 and 810 (pot type); and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

MODEL 810:

This is a single burner cabinet space heater and equipped with two 3-gallon supply tanks. The burner unit consists of a cast iron base upon which is mounted a perforated steel vaporizing shell. A circular cast iron cover is placed on top of this shell. In the back of the space heater and directly opposite the supply tank, there is built into the heater a humidifier for containing water. Between the humidifier and the tank, a shield has been provided to give proper air circulation so that the tanks are not excessively heated.

MODEL 108:

This model is the same as the above except that it is smaller in size and is equipped with a single horizontal 3-gallon tank. A shield has been provided between the heater and the tanks insuring proper air circulation.

In recommending the Models 810 and 108 for approval, it is suggested that certain requirements be carried out in their installation and incorporated on their instruction cards.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Air-O-Flame Space Heater, Models 108 and 810 (pot type), for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That cans used for the storage and filling of oil containers shall comply with the requirements of Chapter 10, Art. 8, Sec. 114, subdiv. 3, of the Code of Ordinances, as amended, Feb. 18, 1935.
2. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the boiler in which the device is installed.
3. This burner shall be connected to a legal chimney, complying with the requirements of Section 403 of Chapter V of the Code of Ordinances; said chimney to have a readily accessible cleanout door; the flue connection to the chimney shall be equipped with automatic damper.
4. The space heater shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
UNDER CAL. No. 190-35-SA.

5. The manufacturer or installer of this burner, shall, within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
6. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

206-35-SA.

PETITIONER—Sears, Roebuck & Company, owner.

SUBJECT—Air-O-Flame Space Heater, Models 71, 91, 1572 and 1582 (Sleeve type), approval of.

APPEARANCES—

For Applicant: W. A. Carland and Harold O. Berry.

ACTION OF BOARD—Apppliance approved in accordance with report of engineer of board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(206-35-SA)

WHEREAS, Sears Roebuck & Company, owner, filed, July 12, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Air-O-Flame Space Heater, (Sleeve type), Models 71, 91, 1572 and 1582; and

WHEREAS, the device was submitted to the engineer of board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

MODEL 1582:

This is a cabinet space heater equipped with two 9-in. range burners, having two 3-gallon supply tanks and equipped with two metering valves. Between the cabinet and the oil containers a shield has been provided to give adequate air circulation so that the tanks may not be overheated.

MODEL 1572:

This is a two burner space heater. The burner units consist of two 7-inch range type burners and are supplied from a 3-gallon metal tank. A shield has been provided between the burner and the tank.

MODEL 71:

This is a drum type radiant heater, using a single 7-in. range burner unit and having a 2-gallon supply tank. This burner has a shield between the outer drum and the tank which allows free circulation of air and prevents an excess heating of the oil tank.

MODEL 91:

This is identical to construction with Model 71 with the exception that it uses a single 9-in. range type burner and has a 3-gallon tank. Proper shield has been provided between the tank and the heater.

The range burner units in the above mentioned heaters are constructed as follows:

A cast iron base, having four concentric rings in it and has mounted upon it four perforated chromium steel shells. A pressed steel top is provided for covering these shells. The metering valves are of the "V" slot type and manufactured by the makers of the burner.

These heaters are all of the flue connected type and are equipped with adjustable draft dampers.

The burners described above were tested and the operating principles of same were found to function properly as designed.

In recommending the Models 71, 91, 1572 and 1582 for approval, it is suggested that certain requirements be carried out in their installation and incorporated upon their instruction cards.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Air-O-Flame Space Heater (Sleeve type), Models 71, 91, 1572 and 1582, for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of

MINUTES

the Board of Standards and Appeals and with the following additional requirements:

1. That cans used for the storage and filling of oil containers shall comply with the requirements of Chapter 10, Art. 8, subdiv. 3, of the Code of Ordinances, as amended, Feb. 18, 1935.
2. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ in. asbestos or other equivalent material, this shield to extend at least 12 in. beyond the outline of the boiler in which the device is installed.
3. This burner shall be connected to a legal chimney complying with the requirements of Section 403 of Chapter V of the Code of Ordinances; said chimney to have a readily accessible cleanout door; the flue connection to the chimney shall be equipped with automatic damper.
4. The space heater shall bear a label permanently attached thereto, reading as follows:

NOTICE

APPROVED BY THE BOARD OF STANDARDS AND APPEALS UNDER CAL. No. 206-35-SA.

5. The manufacturer or installer of this burner, shall within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
6. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

241-35-SA.

APPLICANT—P. C. McAbee, for Carbonic Gas Equipment Co., owner.

SUBJECT—Carbonic Gas Equipment Company, Dry Ice Converter, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board.

THE VOTE TO APPROVE—

Affirmative Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(241-35-SA)

WHEREAS, P. C. McAbee, for the Carbonic Gas Equipment Co., owner, filed, September 11, 1935, an application with the Board of Standards and Appeals for approval of the device known as Carbonic Gas Equipment Company Dry Ice Converter; and

WHEREAS, this device was inspected and tested by the engineer of the board and has been recommended by him for approval; and

WHEREAS, this device has also been tested by the Pittsburgh Testing Laboratory report of which test has been filed with the board.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Carbonic Gas Equipment Company, Dry Ice Converter, *on condition* that in the event this converter does not comply with the rules if and when adopted by the board covering liquifiers used to convert solid carbon dioxide to liquid and/or gas, that this converter will be made to conform to such rules, and *on condition* that the safety discs shall be of such thickness and area as to permit pressure not in excess of 2,000 pounds, and that a label or decalcomania shall be permanently attached to the outside shell of container reading:

Approved by the
BOARD OF STANDARDS AND APPEALS
For Use in New York City
UNDER CAL. No. 241-35-SA.

214-35-SA.

APPLICANT—Simplex Boiler Stand Co., Inc., owner.

SUBJECT—Simplex Fill Pipe Terminal for Fuel Oil—approval of.

APPEARANCES—

For Applicant: None.

For Opposition: Harold Forstenzer and Nathan A. Arvintz.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(214-35-SA)

WHEREAS, Simplex Boiler Stand Co., Inc., owners, filed, August 8, 1935, an application with the Board of Standards and Appeals for approval of their device known as the "Simplex" fill pipe terminal for fuel oil; and

WHEREAS, the device was inspected and tested by the engineer of the board and the report of the engineer recommended the approval of the device under certain conditions.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the "Simplex" fill pipe terminal for fuel oil, *on condition* that this device shall be installed in accordance with the oil burner rules of the Board of Standards and Appeals and with the following requirements:

An oil-proof gasket shall be provided, inserted in a groove in the nipple end of the fill pipe terminal, so that it cannot readily be removed.

The fill pipe terminal shall be provided with at least three (3) lugs on the outside, so that the fill pipe terminal can be imbedded in concrete or masonry to prevent the terminal from being loosened from the fill line or in lieu thereof the fill pipe terminal should be fastened to the fill line by means of an Allen or similar set screw.

The outer flange of fill pipe terminal shall be provided with letters not less than $\frac{1}{2}$ inch in height and raised $\frac{1}{16}$ inch, reading "Fuel Oil" and with the calendar number under which the fill pipe terminal was submitted for approval.

223-35-SA.

APPLICANT—F. A. and H. A. Newbury, for The Newbury Manufacturing Company, owners.

SUBJECT—Newbury Fill Pipe Terminal for Fuel Oil—approval of.

APPEARANCES—

For Applicant: None.

For Opposition: Harold Forstenzer and Nathan A. Arvintz.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(223-35-SA)

WHEREAS, F. A. and H. A. Newbury, for the Newbury Manufacturing Company, owner, filed, August 20, 1935, an application with the Board of Standards and Appeals for approval of their device known as the "Newbury" fill pipe terminal for fuel oil; and

WHEREAS, this device was inspected and tested by the engineer of the board and the report of the engineer recommended the approval of the device under certain conditions.

MINUTES

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the "Newbury" fill pipe terminal for fuel oil, *on condition*, that this device shall be installed in accordance with the oil burner rules of the Board of Standards and Appeals and shall comply with the following requirements:

An oil proof gasket shall be provided, inserted in a groove in the nipple end of the fill pipe terminal so that it cannot readily be removed.

The fill pipe terminal shall be provided with at least three (3) lugs on the outside, so that the fill pipe terminal can be imbedded in concrete or masonry to prevent the terminal from being loosened from the fill line or in lieu thereof the fill pipe terminal should be fastened to the fill line by means of an Allen or similar set screw.

The outer flange of fill pipe terminal shall be provided with letters not less than 1/2 inch in height and raised 1/16 inch, reading "Fuel Oil" and with the calendar number under which the fill pipe terminal was submitted for approval.

231-35-SA.

APPLICANT—A. Jay Kates, owner.

SUBJECT—Sealtite Fill Pipe Terminal for Fuel Oil—Approval of.

APPEARANCES—

For Applicant: None.

For Opposition: Harold Forstenzer and Nathan A. Arvintz.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(231-35-SA)

WHEREAS, A. Jay Kates, owner, filed, September 3, 1935, an application with the Board of Standards and Appeals, for approval of his device known as the "Sealtite" fill pipe terminal for fuel oil; and

WHEREAS, this device was inspected and tested by the engineer of the board and the report of the engineer recommended the approval of the device under certain conditions.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the "Sealtite" fill pipe terminal for fuel oil, *on condition*, that this device shall be installed in accordance with the oil burner rules of the Board of Standards and Appeals and shall comply with the following requirements:

The fill pipe terminal shall be provided with at least three (3) lugs on the outside, so that the fill pipe terminal can be imbedded in concrete or masonry to prevent the terminal from being loosened from the fill line or in lieu thereof the fill pipe terminal shall be fastened to the fill line by means of an Allen or similar set screw.

The outer flange of fill pipe terminal shall be provided with letters not less than 1/2-inch in height and raised 1/16 inch reading "Fuel Oil" and with the calendar number under which the fill pipe terminal was submitted for approval.

APPLIANCES DISMISSED.

The Chairman called attention to the following cases filed with this board for approval, and where, despite notices from this office, the applicants have failed to provide locations where these appliances could be tested:

(23-33-SA)

Filed, Jan. 19, 1933—Subject: Sunrex Range Oil Burner, approval of. Applicant: James Cataldo, agent for Sunrex Co., Inc., owner. Dismissed for lack of prosecution.

(218-33-SA)

Filed June 12, 1933—Subject: Presto Gas Pressing Machine Burner No. 10, approval of. Applicants: Ansonia Fire Prev. Eng. Co., Inc., for A. Kopelman, owner. Dismissed for lack of prosecution.

(32-34-SA)

Filed Feb. 7, 1934—Subject: Super Oil Burner for Pressing Machine, approval of. Applicants: Sydney Finger- man, for Quality Oil Burner Co., owner. Dismissed for lack of prosecution.

(77-34-SA)

Filed Mar. 26, 1934—Subject: Packard Fuel Oil Burner, approval of. Applicant: Packard Oil Burner Sales Corp., for The Packard Burner Mfg. Corp., owner. Dismissed for lack of prosecution.

(128-34-SA)

Filed Apr. 10, 1934—Subject: Bastian-Morley Oil Burner, Model M (Kero Water Heater),—approval of. Applicant: Bastian-Morely Company, owner. Dismissed for lack of prosecution.

(165-34-SA)

Filed June 16, 1934—Subject: Rose Oil Heater, approval of. Applicant: David Kaufman, for B. Kaufman, owner. Dismissed for lack of prosecution.

(203-34-SA)

Filed July 10, 1934—Subject: King Oil Burner, approval of. Applicant: Joseph Cartelli, owner. Dismissed for lack of prosecution.

(300-34-SA)

Filed October 25, 1934—Subject: Johnson Anti-Syphon Rotary Plunger Pump, approval of. Applicant: Sven A. Johnson, owner. Dismissed for lack of prosecution.

(356-34-SA)

Filed December 19, 1934—Subject: Hypressure Jenny (Spray Cleaning Unit), Models D and F, approval of. Applicant: Hypressure Jenny of N. Y., Inc., for Homestead Valve Mfg. Co., owner. Dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

WHEREAS, the foregoing applicants have filed with the Board of Standards and Appeals, applications for approval of appliances; and

WHEREAS, these applicants have failed to provide locations where these appliances could be tested.

Resolved, that the foregoing applications be and they hereby are *dismissed* for lack of prosecution.

Adjourned, 4:40 p. m.

EDWARD V. BARTON, *Chief Clerk*.

RULES

OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals June 15, 1934, as Amended July 12, 1935, and as Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS—Oil burner installations in buildings other than dwellings when used for heating and generation of power for use on premises.

CONTROLS—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

- (1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch ($\frac{1}{2}$ ") in diameter.

- (2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half ($\frac{1}{2}$) inch plaster boards, or asbestos boards, or three-eighths ($\frac{3}{8}$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter ($\frac{1}{4}$) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($\frac{3}{4}$) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND—An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half ($2\frac{1}{2}$) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieve pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	Sp.	Gr.	(A. P. I.)	40-44°
No. 1	Fuel Oil	"	"	"	36-40°
No. 2	"	"	"	"	32-36°
No. 3	"	"	"	"	28-32°
No. 4	"	"	"	"	24°+
No. 5	"	"	"	"	18°+
No. 6	"	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 33 in

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new, in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. in diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tank as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material. All such tanks shall be electrically grounded.

(e) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

Correction—paragraph (d) eliminated, covered by Rule 5, section 1 and Rule 10, section 3; paragraph (e) change to (d) and portion, covering thickness of shell, eliminated, covered by Rule 5, section 1; paragraph (f) change to (e).

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1(b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20) feet of any wall separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter ($1\frac{1}{4}$) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon.	16,000 gallons
If distant 30 feet.....	24,000 "
If distant 40 feet.....	36,000 "
If distant 50 feet.....	48,000 "
If distant 60 feet.....	60,000 "
If distant 75 feet.....	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity or not less than one and one-half ($1\frac{1}{2}$) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth ($\frac{1}{4}$) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half ($1\frac{1}{2}$) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half ($1\frac{1}{2}$) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valves in the line of relief.

Section 3. Vent Pipe.

(a) An open vent pipe of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches ($1\frac{1}{4}$ ") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than $\frac{1}{2}$ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tank is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

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Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity, except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any non-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimensions of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rules 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impractical to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

APPROVED APPLIANCES

Burners for Domestic and Commercial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A. B. C. Oil Burner.....	1295-24-SA	Electrol Automatic Oil Burner and Models BB, C and EA.....	259-25-SA
A. B. C. Oil Burner, Type H.....	684-29-SA	Ember-Glo Oil Burner.....	462-32-SA
Acme Oil Burner, Models BO-1 and BO-2	132-34-SA	Enterprise Rotary Fuel Oil Burner.....	1149-27-SA
Aetna Automatic Oil Burner.....	1547-23-SA	Enterprise Steam Atomizing Burner.....	15-33-SA
Air-Blast Oil Burner.....	579-32-SA	Enterprise Type Junior "W" Oil Burner, Models 1, 2 and 3.....	225-32-SA
Alladin Oil Burner.....	298-26-SA	Espo Oil Gas Burner.....	1431-23-SA
Alexander Oil Burner.....	65-28-SA	Evenheet Oil Burner.....	554-32-SA
Alida Oil Burner.....	124-34-SA	Everedy Oil Burner.....	102-33-SA
American Blue Flame and Sun Flame Oil Burning Heaters, Models No. 73, 86, 88, 92, 93, 94, 95, 96, 4512, 4518, 4528, 4538, 4562, 4563, 4573, 4578, and 4588.....	298-33-SA	Fairfield Oil Burner.....	584-31-SA
Auto-Heat Oil Burner.....	284-33-SA	Faultless Oil Burner.....	493-24-SA
Autocrat Oil Burner, Model B-1.....	297-31-SA	Fluid Heat Domestic Oil Burner, Type O	1094-27-SA
Automatic Airless Oil Burner, Model No. 1	53-34-SA	Fluid Heat (Gun Type) Oil Burner, Model P.	134-35-SA
Baker Automatic House Heating Burner	1323-22-SA	Fluid Heat Oil Burner.....	361-32-SA
Baker Oil Burner, Model L, Gun Type	404-29-SA	Forsdraft Oil Burner.....	41-34-SA
Ballard Baby Grand Oil Burner.....	447-32-SA	Foster Oil Burner.....	715-26-SA
Ballard Super Domestic Oil Burner.....	939-24-SA	Franklin Domestic Oil Burner.....	560-26-SA
Bayard Domestic Fuel Oil Burner.....	1184-22-SA	Freeport-Silent Service Oil Burner, Models 5, 10 and 30.....	97-33-SA
Berggren Oil Burner.....	764-26-SA	Fuelo Oil Burner.....	47-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	Gar Wood Oil Burner.....	373-30-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Gar Wood Oil Burner, Models K and K-3500	481-32-SA
Bettendorf High Pressure Oil Burner....	479-31-SA	General Electric Fuel Oil Burner.....	434-32-SA
Bettendorf Oil Burner.....	731-28-SA	General Electric Oil Burner, Type DA-2..	228-33-SA
Bettendorf Oil Burner, Model H.B.....	498-32-SA	Ghapco Steam Generator.....	348-31-SA
Bock Oil Burner, Models A, B, C and D	123-31-SA	Gilbarco Industrial Burner.....	350-32-SA
Bock Oil Burning Water Heater.....	102-34-SA	Gilbert & Barker Flexible Flame Burner..	109-31-SA
Braden Automatic Fuel Oil Burner.....	322-30-SA	Gilbert & Barker Junior Flexible Flame Domestic Oil Burner.....	520-31-SA
Branford Oil Burner.....	36-31-SA	Gilbert & Barker Oil Burner, Model S-1..	282-33-SA
Branford Oil Burner, Model "A".....	461-32-SA	Gill Oil Burner	1231-23-SA
Brighton Oil Burner.....	372-33-SA	Gold Star Oil Burner, Models F and S.....	166-33-SA
Bullet Automatic Oil Burners, Models A and B.....	195-33-SA	Goodrich Oil Burner, Models G-O, G-1, G-2 and G-3	441-31-SA
Caloroil Burner, Type AA.....	1361-24-SA	Goodspeed Automatic Oil Burner.....	957-27-SA
Camel Automatic Oil Burner, Model 30, Types A, B and C and Models J and A.S.	229-32-SA	Goodspeed Oil Burner, Nozzle Type 2....	346-33-SA
Carboradiant Oil Burner, Models V & VS	16-31-SA	Gould Automatic Oil Burner	178-35-SA
Carboradiant Oil Burner, Model VSS....	49-32-SA	Grant Oil Burner.....	382-26-SA
Carborundum Burner	571-29-SA	Grant Oil Burner, Model "C".....	232-32-SA
Carter-Korth Oil Burner, Model "P"....	389-32-SA	Hardinge Oil Burner.....	813-25-SA
Carter-Korth Oil Burner	54-30-SA	Hardinge Oil Burner, Model 23.....	33-33-SA
Carter Oil Burner, Models 4X and 5X....	117-34-SA	Harris Fuel Oil Burner.....	690-30-SA
Century Oil Burner	157-28-SA	Hart Automatic Oil Burner.....	1162-24-SA
Challenger Kleen Heat Burner, Series No. 100	813-28-SA	Hart Automatic Oil Burner, Model Series "DO"	595-29-SA
Challenger Oil Burner, Model "A".....	86-34-SA	Hart Oil Burner, Model "H"	221-33-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Hayward Oil Burner	696-30-SA
Commonwealth Automatic Oil Burner.....	348-28-SA	Hayward Oil Burner, Model 2000.....	118-35-SA
Concord Burner	108-35-SA	Heat King Oil Burner, Model 2.....	93-35-SA
Cook's Automatic Oil Burner.....	955-27-SA	Heatiator Oil Burner.....	1346-23-SA
Cope-Swift Safety Automatic Oil Burner..	354-31-SA	Heil Combustion Fuel Oil Burner.....	1105-22-SA
Crescent Oil Burner.....	222-29-SA	Heil Combustion Fuel Oil Burner, Type B	295-29-SA
Crescent Type M Size I Oil Burner and Models 8, 18 and 28.....	592-31-SA	Hercules Oil Burner.....	510-29-SA
Crown Oil Burner, Type XA.....	426-29-SA	Hercules Oil Burner, Models H and HF..	309-33-SA
Crystal Blue Flame Oil Burner.....	423-29-SA	Hercules Oil Burner, Models M 1200 and M 1800	486-32-SA
Dahl Vaporizing Oil Burner.....	915-26-SA	Holby Type A Fuel Oil Burner.....	688-29-SA
D'Elia Oil Burner.....	155-31-SA	Holland Type "F" Oil Burner.....	237-34-SA
Delco Heat Oil Burner.....	420-31-SA	Homer Domestic Oil Burner.....	1211-25-SA
DeWalt Oil Burner.....	541-31-SA	Hupp Oil Burner, Models H, U, P and PP..	10-34-SA
Dist-o-matic Oil Burner.....	663-28-SA	Improved Kres-Kno Oil Burner and Model MD	591-29-SA
Doe Oil Burner.....	317-31-SA	Inferno Oil Burner.....	82-33-SA
Doherty Oil Burner.....	943-26-SA	International Mechanical Draft Oil Burner	372-30-SA
Easternoil Automatic Oil Burner, Models A, B and C	600-31-SA	International Oil Burner.....	1305-24-SA
Economy Oil Burner, Type A-1.....	45-31-SA	Jacobsen Balanced Oil Burner, (Model V-1)	333-33-SA
Eisler Automatic Oil Burner.....	481-27-SA	Johnson Improved Rotary Fuel Oil Burner	938-22-SA
Elec-tro-matic Oil Burner, Type 151.....	125-33-SA	Joyce Oil Burner.....	852-26-SA

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
K. F. C. Oil Burner.....	846-25-SA	Oliver Oil Gas Burner, No. 30-A.....	1359-24-SA
Kelco Oil Burner.....	237-33-SA	Oronoque Oil Burner.....	394-30-SA
Kelvinator Oil Burner.....	339-31-SA	Orr Fuel Oil Burner	113-26-SA
Kelvinator Oil Burner, Model K.....	105-34-SA		
KeWaNee Oil Burner, Model "C".....	518-32-SA	Packard Fuel Oil Burner.....	77-34-SA
Kleen Heet Oil Burner.....	62-24-SA	Paramount Oil Burner.....	1193-25-SA
Kleen Heet Oil Burner, Type 902.....	99-35-SA	Paramount Oil Burner, Model A.....	617-30-SA
Kleen Heet Oil Burner, Type R.....	49-33-SA	Pascoe Oil Burner.....	1029-26-SA
Korth Oil Burner, Model G	136-34-SA	Penn Rotary Oil Burner	236-35-SA
Kreager Oil Burner.....	367-30-SA	Perfect Automatic Oil Burner, Models DL-7,	
Kres-Kno Oil Burner.....	443-28-SA	DL-8, DL-10, 0-5, 0-7, 0-8 and 0-10	264-35-SA
Kres-Kno Pressing Machine Burner, Model		Perfect-Pantex Oil Burner.....	271-33-SA
MD, sizes KRF and KRF-1.....	354-34-SA	Petro Domestic Burner.....	161-26-SA
		Petro Model T Oil Burner.....	451-31-SA
Laco Oil Burner, Model NL.....	670-30-SA	Petro Model W Oil Burner.....	452-31-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Petro Burner, Model O.....	78-28-SA
Lange Economical Oil Burner.....	355-33-SA	Petro Burner, Model P-2.....	735-30-SA
Lawrence May Oil Burner.....	1034-27-SA	Petro Oil Burner, Model W-2	244-33-SA
Leader Oil Burner.....	425-31-SA	Petro Oil Burner, Models W-1 and W-1½..	245-33-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Petro Oil Burner, Models D-10, D-11, D-12,	
Liberty Automatic Heater.....	129-28-SA	D-13, D-14 and D-15	40-31-SA
Liberty Pressure Oil Burner.....	75-34-SA	Petroleum Heat & Power Company Fuel Oil	
Lonergan Automatic Oil Burner.....	208-33-SA	Burner Model W-AH	614-32-SA
Lynn Power Oil Burner, Models 1, 2 and 3.	166-34-SA	Pioneer Automatic Oil Burner.....	1259-27-SA
		Pressure Oil Burners, Models A. B and C..	146-31-SA
"M W" Domestic Oil Burners, Models Nos. 25,		Presto Automatic Oil Burner.....	294-34-SA
26, 65, 66, 307, 308, 309, 400 and 800...	341-32-SA	Prize Automatic Oil Burner, Models A, B	
M. W. Emancipator Oil Burner.....	102-33-SA	and C	600-31-SA
M. W. Oil Burning Water Heater.....	737-29-SA	Progressive Oil Burner, Models G4, G5, G6	
M. W. Water Heater, Model 20-D.....	365-34-SA	and G7	411-32-SA
Magna Fuel Oil Burner.....	197-33-SA		
Majestic Oil Burner.....	693-30-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Marr Oil Burner, Model H, Type R.....	765-26-SA		
Master-Kraft Oil Burner.....	83-33-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
May Oil Burner.....	68-24-SA	Ray-Dio Sunshine Oil Burner, Model C, sizes	
May Oil Burner, Type BB.....	46-34-SA	12, 14 and 16.....	368-34-SA
Mayfield Oil Burner.....	568-31-SA	Rayfield Oil Burner.....	504-26-SA
Mayflower Oil Burner.....	124-29-SA	Real Host Oil Burner.....	38-34-SA
McIlvane Oil Burner.....	544-29-SA	Re-Ly-On Oil Burner.....	745-26-SA
Melco Automatic Oil Burner, Type "A"....	1032-25-SA	Remington Domestic Oil Burner, Type B..	532-31-SA
Merco Oil Burner.....	637-29-SA	Remington Oil Burner.....	891-26-SA
Micron Oil Burner	345-34-SA	Rexoil Domestic and Industrial Fuel Oil	
Midget Oil Burner.....	155-34-SA	Burner	667-28-SA
Midget Pressing Machine Oil Burner	122-35-SA	Richmond Gravity Fuel Oil Burner.....	1193-22-SA
Mid-West Oil Burner, Models 106, 108, 208,		Rickard Oil Burner	1011-27-SA
211, 311 and 114.....	327-31-SA	Rotoflame Oil Burner	187-33-SA
Monitor Oil Burner.....	202-34-SA	Ryan & Scully Commercial and Domestic	
Morrissey Oil Burner.....	673-27-SA	Oil Burner	304-32-SA
Morrissey Oil Burner, Models MA-2, MA-3,			
MA-4, SP-1, SP-2, SP-3, and MP-1...	359-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Morse Conical Type Steam Atomizing Burner	938-25-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
Morse Fan Tail Type Steam Atomizing Burner	939-25-SA	S-K Oil Burner, Model F.....	369-33-SA
Morse Fuel Oil Burner.....	820-23-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel	
Moto-Heat Oil Burner.....	195-32-SA	Oil Burner	197-32-SA
Motorless Oilheat Burner, Models 7, 9, 11 13		S. T. Johnson Co., Type 30-H, Rotary Fuel	
and 15	628-23-SA	Oil Burner	198-32-SA
Mousette Oil Burner.....	887-25-SA	S. T. Johnson Oil Heat Servant.....	157-34-SA
		Schulse Home Oil Burner.....	1487-23-SA
Nairoil Oil Burner, Type R, Model E.....	13-35-SA	Scott-Newcomb Pioneer Oil Burner, Models	
National Airoil High Pressure Burner.....	185-29-SA	C, CA, CJ, CV and SN Junior.....	436-32-SA
National Airoil Low Pressure Burner.....	186-29-SA	Security Oil Burner.....	56-28-SA
National Airoil Type D-R Rotary Oil Burner	548-31-SA	Shepard Oil Burner.....	563-30-SA
National Barley Rotary Oil Burner.....	197-33-SA	Shill Oil Burner.....	315-30-SA
National Oil Burner, Model E-J.....	360-34-SA	Silent-Auburn Fuel Oil Burner, Models A,	
National Rotary Oil Burner.....	836-25-SA	B, C and O.....	463-31-SA
Nesbitt Oil Burner, Models F, JF, BF and D.	226-33-SA	Silent Automatic Oil Burner.....	458-26-SA
New Perfection Oil Burner, Type "C"....	518-29-SA	Silent Automatic Burner, Model "B".....	709-30-SA
New Process Oil Burner.....	1071-27-SA	Silent Automatic Burner, Model "E".....	710-30-SA
Nichols-McCann-Harrison Burners.....	255-31-SA	Silent Flash Oil Burner, Model C1.....	38-33-SA
Noiseless Nokol Model G Oil Burner.....	801-28-SA	Silent Glow Oil Burner, Model G.....	600-30-SA
Noiseless Nokol Rotary Oil Burner, Model R	584-28-SA	Silent Glow Oil Burner, Models 800, 1000,	
Nokol Automatic Burner.....	1078-24-SA	1800, 2800, 3800, 6800 and 8800	345-31-SA
Norge Oil Burner Models N8, N18 and N28	226-34-SA	Simplex Domestic Oil Burner, Type P.A..	446-30-SA
Nu-Way Oil Burner.....	773-26-SA	Simplex Domestic Type "S.P." Oil Burner..	145-31-SA
		Socony Arrow Oil Burner.....	1191-24-SA
Oilbuilt Burner	85-33-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Standard Automatic Oil Burner, Type 14-G	536-31-SA	Twin City-on-the-Door Oil Burner.....	129-27-SA
Standard Automatic Oil Burner, Type 11-G	537-31-SA	Uni-Lec-Tric Oil Burner.....	498-29-SA
Standardyne Oil Burner.....	34-31-SA	United States Gun-type Oil Burner	222-35-SA
Stephens Oil Burner, Models Nos. 1 and 2....	146-33-SA	United States Oil Burner.....	620-28-SA
Stuhler Oil Burner.....	618-27-SA	Universal Fuel Oil Burner.....	6-24-SA
Summerheet Oil Burner.....	581-26-SA	Universal Oil Burner	584-31-SA
Sundstrand Automatic Oil Burner.....	755-26-SA		
Sundstrand Purnaco Automatic Oil Burner, Models A-2, 4-B, C-5, A-3U, 3K, B-5U, B-5K and C-6U.....	658-30-SA	Vapomatic Oil Burner	275-34-SA
Sunflower Model S-1 Oil Burner.....	657-29-SA	Vaporoil Burner	44-32-SA
Sunflower Oil Burner, Model S-2.....	587-30-SA	Vesta Oil Burner	451-26-SA
Sun Heat Oil Burner.....	603-29-SA	Victor Oil Burner	612-30-SA
Sun-Ray Fuel Oil Burner.....	106-33-SA	Victory Oil Burner	320-30-SA
Sunway Oil Burner.....	624-30-SA	Viking Oil Burner.....	396-32-SA
Super Automatic Oil Heater Model SSH..	715-29-SA	Volcano Automatic Oil Burner.....	556-29-SA
Superfex Oil Burner, for Warm Air Furnaces	400-32-SA	Volcano Automatic Oil Burner, Models EW, EW-1 and EW-2.....	341-33-SA
Superheet Oil Burner, Model D.....	254-33-SA		
Supreme Oil Burner, Model G	136-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Sword Automatic Oil Burner.....	951-25-SA	Wayne Oil Burner.....	1155-25-SA
Syncro-Flame Oil Burner, Model R	139-35-SA	Wayne S-2 Domestic Oil Burner.....	115-32-SA
		Wheco Oil Burner.....	108-34-SA
Tabor Automatic Oil Heater, Type "D"....	778-28-SA	Williams Oil-O-Matic Oil Burner, Models J, JJ, Junior, K, KA, KB, and R.....	918-22-SA
Thoroburn Oil Burner, Model A-1-16-G....	269-33-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Oil Burner, Model 20.....	287-28-SA	Wisconsin Fuel Oil Burner, Models O, A and B	32-33-SA
Timken Rotary Oil Burner.....	297-29-SA	Wizard Automatic Oil Burner.....	181-33-SA
Timken Silent Automatic Heater (Water Heater Unit) Models 40-A and 50-B....	121-35-SA		
Timken Silent Automatic Oil Burner, Model G	266-34-SA	York Automatic Oil Burner.....	44-29-SA
Todd Rotary Burner, Models A, B and C..	454-25-SA	Yorktown Oil Burner.....	166-33-SA
Todd Spiro Oil Burner	470-31-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Spiro Burner (pump type).....	94-32-SA		
Toridheet Oil Burner.....	63-28-SA	Zenith Oil Burner	270-34-SA
Toridheet Oil Burner, Model G.....	17-35-SA		
Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA		

APPROVED APPLIANCES

APPROVED FUEL OIL FILL PIPE TERMINALS

<i>Name</i>	<i>Calendar No.</i>	<i>Name</i>	<i>Calendar No.</i>
Newbury	223-35-SA	Sealtite	231-35-SA
Seal-O-Strain	48-35-SA	Simplex	214-35-SA

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and
on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Croker National Fire Prev. Eng. Co.	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.	890-28-SA
John Simmons Co.	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)..	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Dis-
tribution Division of the City Record Office, Room 2213,
Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Dis-
tribution Division of the City Record Office, Room 2213,
Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D..	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1...	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner....	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner..	1493-22-SA	Lonergan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3....	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing... High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner..	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morse Conical Type Steam Atomizing Burner..	938-25-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fuel Oil Burner.....	820-23-SA
Coen Mechanical Oil Burner	942-21-SA	National Airoil High Pressure Burner.....	185-29-SA
Concord Burner	108-35-SA	National Airoil Low Pressure Burner.....	186-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Barley Rotary Oil Burner.....	197-33-SA
D'Elia Oil Burner.....	155-31-SA	Nesbitt Oil Burner, Models F, JF, BF and D.	226-33-SA
DeWalt Oil Burner.....	541-31-SA	Nichols-McCann-Harrison Burners	255-31-SA
Doe Oil Burner.....	317-31-SA	North American Low Pressure Oil Burner....	792-26-SA
Enco Type 400 Steam Atomizing Oil Burner..	1414-23-SA	Oilbilt Burner	85-33-SA
Enco Mechanical Oil Burner.....	509-30-SA	Oronoque Oil Burner.....	394-30-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Packard Fuel Oil Burner.....	77-34-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Paramount Oil Burner, Model A.....	617-30-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Forsdraft Oil Burner.....	41-34-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Frankfort Type P Oil Burner.....	1046-23-SA	Petro Mechanical Burner and Air Register..	735-24-SA
Gem Fuel Oil Burner.....	111-26-SA	Petro Model W Oil Burner.....	452-31-SA
General Electric Fuel Oil Burner, Model D-1..	434-32-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Ghapco Steam Generator.....	348-31-SA	Presto Automatic Oil Burner.....	294-34-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Quigley No. 10 Low Pressure Oil Burner.....	436-31-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Quinn Oil Burning Equipment.....	367-21-SA
Gould Automatic Oil Burner	178-35-SA	Ray Rotary Fuel Oil Burner, Types A and B..	504-23-SA
Grant Oil Burner, Model "C".....	232-32-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Rockwell Fuel Oil Burner	341-21-SA
Greenawalt Down Draft Combustion Oil Burn- ing Furnace	85-35-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Hammond Oil Burner.....	72-31-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Harris Fuel Oil Burner.....	690-30-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Hart Oil Burner, Model "H".....	221-33-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hauck Venturi Low Pressure Oil Burner.....	88-27-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Hayward Oil Burner.....	696-30-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Hobeco Oil Burner.....	1278-21-SA	Standardyne Oil Burner.....	34-34-SA
Holby Oil Burner.....	328-27-SA	Steam Oil Burner.....	183-22-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Hupp Oil Burner, Models H, U, P and PP...	10-34-SA	Stewart Gasifier Oil Burner	146-35-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA		
Kelvinator Oil Burner, Model K.....	105-34-SA		
Korth Oil Burner, Model G.	136-34-SA		
Kreager Oil Burner.....	367-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun Heat Oil Burner.....	603-29-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Sun-Ray Fuel Oil Burner.....	106-33-SA	United States Gun-type Oil Burner	222-35-SA
Sunway Oil Burner.....	624-30-SA	United States Oil Burner	620-28-SA
Supreme Oil Burner, Model G	136-34-SA	Vapofier Oil Burner.....	184-34-SA
Surface Combustion Low Pressure Burner....	92-23-SA	Vapomatic Oil Burner	275-34-SA
Syncro-Flame Oil Burner, Model R.....	139-35-SA	Vaporoil Burner	44-32-SA
Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA	Warner Oil Burner, Model A.....	16-34-SA
Tate-Jones No. 6 Oil Burner.....	1444-23-SA	Wheco Oil Burner.....	108-34-SA
Timken Rotary Oil Burner.....	297-29-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Wizard Automatic Oil Burner.....	181-33-SA
Todd Mechanical Fuel Oil Burner.....	1525-22-SA	Yorktown Oil Burner.....	166-33-SA
Todd Rotary Burner, Models A, B and C....	454-25-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner.....	123-23-SA		

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly.....	250-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Aetna Range Oil Burner	29-35-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Air-O-Flame Space Heater, Models 108 and 810 (pot type).....	190-35-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Air-O-Flame Space Heater, Models 71, 91, 1572 and 1582 (sleeve type).....	206-35-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Air-O-Flame Range Burner.....	236-34-SA	Majestic Range Oil Burner, Models 27B and 27T	180-35-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	National Range Oil Burner.....	361-34-SA
Bland Range Oil Burner	234-34-SA	No-Wyck-Koaleess Range and Stove Oil Burner	251-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	Odin Beauty (Space Heater), Models 61, 62, 91 and 92.....	233-35-SA
Champion Range Oil Burner, Models A and B	291-34-SA	Putnam Range Oil Burner	54-35-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Quaker Burnoil Stove	11-31-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	Quick Meal Range Burner.....	304-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fairfax Range Burner	302-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Florence Oil Space Heater, Models PH-28 and PH-8	172-35-SA	Serv-Well Range Oil Burner, Models 27B and 27T	165-35-SA
Florence Range Burners.....	219-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Fox Range Oil Burner.....	200-34-SA	Silent Heet Oil Burner for Ranges and Stoves	592-32-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Superfex Oil Burning Heater and Heat Projector, Model No. 1051	491-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Tower Range Oil Burner	126-33-SA
Kolrid Range Burner.....	48-34-SA	Vap-R-Oil Oil Burner for Ranges and Stoves	592-32-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA	Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA
Loyalty Range Burner	302-34-SA	Viking Range Water Heater, Models 222, 232 and 242	65-35-SA

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
- 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
- 1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A"
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 164-33-SA—Firemaster Fire Extinguisher.
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 205-34-SA—Automatic Firetox Extinguisher.
- 224-34-SA—Progressive Press Machine Oil Burner.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 321-34-SA—Shawmut "Junior" Range Burner.
- 322-34-SA—Shawmut "DeLuxe" Range Burner.
- 325-34-SA—Diamond Range Oil Burner.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.
- 123-35-SA—National Airoil Safety Tank Filling Valve.

- 133-35-SA—Monarch Industrial Oil Burner.
- 135-35-SA—Loyalty Conversion Hot Water Heater.
- 139-35-SA—Syncro-Flame Oil Burner, Model RH.
- 156-35-SA—Gillespie Elevator Shaft Door Switch.
- 157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.
- 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
- 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 166-35-SA—ServWell Space Heater, Models 247T and 248.
- 167-35-SA—Serv-Well Water Heater, Models 255A and 255B.
- 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
- 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.
- 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
- 204-35-SA—Rhode Island Fill Box for Fuel Oil.
- 207-35-SA—Cole's Blast Oil Burning Heating Stove.
- 208-35-SA—Oceco Rotary Pump for Petroleum Products.
- 213-35-SA—Preferred Fill Box.
- 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
- 217-35-SA—Brigham Oil Burner.
- 219-35-SA—United Copper Service Pipe.
- 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
- 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
- 238-35-SA—Garfire Gun (Fire Extinguisher).
- 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
- 244-35-SA—Woolley Patent Mechanical Oil Burner.
- 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
- 249-35-SA—Acme High and Low Water Alarm Tank Switch.
- 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
- 263-35-SA—Ker-Oil Automatic Water Heater.
- 265-35-SA—French Automatic Oil Burner, Model 5 De Luxe.
- 266-35-SA—Kerogas Bowl Type Oil Space Heater, Models 300, 305, 310, 315 and 320.
- 269-35-SA—Kamy Oil Burner.
- 274-35-SA—Econ-O-Matic Fuel Oil Burner, Model 41.
- 292-35-SA—J. H. N. Fill Pipe Terminal.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

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Requests to rescind	6	Requests to amend denied	0
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Requests for extension of permit	8	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	6
Requests for approval of plans	9	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	57
Requests for interpretation	0	Requests for extension of time denied	0
Total	1128	Requests for extension of permit granted	8
Disposed of	948	Requests for extension of permit denied	0
Cases pending November 6, 1935	180	Requests to install granted	0
		Requests to install denied	0
		Plans approved	9
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	21
		Total	948

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

Name.....

Street.....

P. O.....

My Subscription is to begin with the issue for....., 1935.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year NOVEMBER 19, 1935 Single Copies, 5 cents No. 47
By mail, 8 cents

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELLAGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Minutes of Special Meeting, November 13, 1935, at 2 P. M., Affecting Calendar Numbers 84-35-BZ, 477-28-BZ, 154-35-BZ, 229-29-BZ, 344-34-A, 293-35-A, 14-35-A, 257-35-A, 291-35-A, 297-35-A, 302-35-A, 268-35-S, 204-35-SA, 213-35-SA and 292-35-SA.

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PUBLIC HEARINGS

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Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The Clerk's Calendar consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, November 18, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, November 25, 1935, at 2 o'clock.

The Clerk's Calendar is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed Up to November 13, 1935.

<i>Cal. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
326-35-BZ....	D.B.B....	208 Boerum street and 296 Bushwick avenue, southwest corner (Block 3081, Lots 15 and 16), Brooklyn. Applic. 10908-35.
325-35-A.....	D.B.M....	405-419 West 15th street, north side, 99 ft. west of 9th avenue (Block 713, Lot 1), Manhattan. Applic. 529-35.
324-35-BZ....	D.B.M....	35-37-39 West 124th street, north side, 390 ft. west of 5th avenue and 32-42 West 125th street (Block 1722, Lots 20, 20½, 21, 51, 53 and 54), Manhattan. Applic. 2992-35.
323-35-A.....	D.B.M....	426 West 124th street, south side, 425 ft. west of Morningside avenue (Block 1964, Lot 50), Manhattan. 25060-F.
322-35-A.....	D.B.M....	418 West 124th street, south side, 352 ft. west of Morningside avenue (Block 1964, Lot 46), Manhattan. 25020-F.
321-35-A.....	D.B.M....	100-104 Morningside avenue and 403-407 West 123rd street, northwest corner (Block 1964, Lots 29-33), Manhattan. 25016-F.
320-35-A.....	F.D.....	88-110 Crown street (Block 1294, Lot 22), Brooklyn. 66923-L.C.
319-35-BZ....	D.B.B....	8919-8923 Church avenue, northwest corner of Remsen avenue (Block 4686, Lot 6), Brooklyn. Applic. 5149-35.
318-35-S.....	D.B.M....	190-194 Franklin street and 371-375 Greenwich street, northeast corner (Block 187, Lot 10), Manhattan. 23675-L.D.
317-35-A.....	F.D.....	Transportation of Fuel Oil in trucks in New York City. 7734-L.C.
316-35-BZ....	D.B.B....	180 Union street, south side, 85 ft. west of Henry street (Block 343, Lot 21), Brooklyn. Applic. 4375-35.
315-35-BZ....	D.B.Q....	90-02 Astoria boulevard, southeast corner of 90th street (Block 1364, Lot 68), East Elmhurst, Queens. Applic. 4138-35.
314-35-BZ....	D.B.M....	15-21 West 43rd street, north side, 225 ft. west of 5th avenue (Block 1259, Lots 25, 28 and 28½), Manhattan. Applic. 12-35.
313-35-SA....	F.D.....	Peoples Silent Oil Burner, Models O and G, Appliance.

CODE

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H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond

D.B.Bx.....	Department of Buildings, Bronx
T.H.D.	Tenement House Department
B.B.....	Board of Buildings

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Fireproof Wood, Testing of.....	Apr. 9, 1935—Vol. 20, No. 15
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OPINION OF CORPORATION COUNSEL

CITY OF NEW YORK
LAW DEPARTMENT

Paul Windels
Corporation Counsel
New York, November 8, 1935.
(34156)

Hon. Harris H. Murdock,
Chairman, Board of Standards and Appeals.
Sir:

I am in receipt of your communication dated September 25, 1935, which reads as follows:

"I find that disposal of an appeal from the determination of the Bureau of Buildings, dated May 23, 1931, is awaiting a reply to a letter written Hon. Arthur J. W. Hilly, Corporation Counsel, on October 23, 1931. The appeal is from the refusal to grant a permit for the display and sale of more than five automobiles in a business district, and the refusal was based on an opinion dated May 9, 1929, No. 42787-29, advising that such use of a business area is prohibited by Article II, Section 4, Paragraph A15, of the Zoning Resolution.

Is the above opinion still standing or has it been revised? I was not aware that this opinion was outstanding as I have considered that automobiles, new or used, on display for sale and without gasoline in the tanks, were in the nature of merchandise and in a different class from what is meant by 'parking' or 'storage'.

Awaiting your reply."

The opinion dated May 9, 1929, reads as follows:

"Hon. Henry Bruckner,
President, Borough of The Bronx.

Sir: I acknowledge receipt of your communication, dated April 29, 1929, a copy of which follows:

"There has been submitted to me an application to cut curb in front of premises 1162 to 1172 River Avenue, The Bronx, for the purpose of ingress and egress to a plot of land approximately 100 x 115 feet, on which the applicant proposes to conduct what is known as a used car sales business; which will permit the storing at one and the same time of from one hundred and fifty to two hundred cars.

CALENDAR

It occurs to me that under the amendment to the Zoning Resolution, adopted by the Board of Estimate and Apportionment on March 1, 1928, which prohibits the 'Storage of more than five motor vehicles or garage for more than five motor vehicles,' etc., I may be prohibited from granting this permit.

As there is great urgency in this matter I would respectfully ask that you expedite your opinion.

Awaiting your advice, I remain.

Article II, Section 4, Paragraph (a) Subdivision (15), Zone Resolution, as amended March 1, 1928, reads as follows:

'(15) Storage of more than five motor vehicles or garage for more than five motor vehicles including garage units on contiguous lots for a less number which in the aggregate accommodate more than five motor vehicles in the same ownership, management or control, and not including a salesroom where motor vehicles are kept for sale or display purposes only. This provision shall in no way interfere with the carrying out of plans approved prior to the date of the passage of this resolution.'

In my view the amendment of the Zone Resolution above quoted prohibits the use of the premises in question for the sale of used cars when more than five motor vehicles are stored thereon.

Truly yours,

ARTHUR J. W. HILLY,
Corporation Counsel."

The records of this office do not disclose any reply to the letter dated October 23, 1931. I am in accord, however, with the opinion of the Corporation Counsel dated May 9th, 1929.

Although automobiles on display for sale are in the nature of merchandise, the placing of more than five such automobiles on vacant land in business districts is prohibited by Section 4-a, subdivision 15 of the Building Zone Resolution unless the Board of Standards and Appeals permits such use under Section 7-h of said Resolution.

Truly yours,

(Signed) PAUL WINDELS,
Corporation Counsel.

CALL OF CLERK'S CALENDAR

MONDAY, NOVEMBER 18, 1935, AT 2 P. M.

Building Zone Cases.

205-35-BZ.

APPLICANT—Samuels and Samuels, for Bobrose Developments, Inc., owner.

PREMISES—163-03 Northern boulevard, northeast corner of 163rd street (Block No. 5338, Lot No. 5), Flushing, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the alteration and change of occupancy of an existing building so as to include a gasoline service station.

284-35-BZ.

APPLICANT—Scacchetti and Siegel, for Charles E. Sackmann and Anjie A. Sackmann, owners.

PREMISES—725 Church avenue, north side, 156 ft. 6¾ in. east of East 7th street (Block No. 5330, Lot Nos. 55 and 60), Brooklyn.

APPLICATION, under sections 7c and 21 of the building zone resolution,

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a business building (stores and motion picture theatre).

NOVEMBER 19, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, November 19, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

CAL. NO. 120-35-BZ—Application of Maxwell A. Cantor, applicant, on behalf of Andon E. Andon, owner, reopened October 22, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

CAL. NO. 101-32-BZ—Application of Joseph Schafran, applicant, on behalf of Thema Rosen, owner, reopened October 22, 1935, under section 7h of the building zone resolution, to permit in a business district for a period not greater than two (2) years, the parking or storage of more than five (5) motor vehicles on a lot or plot unbuilt upon; premises 2871 Bailey avenue, west side, 107.59 ft. south of West 230th street (Block No. 3264, part of Lot Nos. 70 and 79), The Bronx.

CAL. NO. 35-34-BZ—Application of Sidney L. Strauss, applicant, on behalf of Fannie Levy, owner, reopened May 7, 1935, under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be used as stores and also a motor vehicle repair shop; premises 625-631 West 176th street and 74 Wadsworth avenue, northwest corner (Block No. 2145, Lot No. 54), Manhattan.

CAL. NO. 254-35-BZ—Application, September 11, 1935, under sections 7a and 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Winter Mead and R. Hawley Truax, as trustees of owner, to permit in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated), a portion of the garage having been pre-

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viously granted by the board; premises 300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Manhattan.

CAL. NO. 276-35-BZ—Application, October 9, 1935, under section 21 of the building zone resolution, of Frank S. Parker, applicant, on behalf of General Motors Corporation, owner, to permit in a business district the change of occupancy of part of an existing business building to a garage for more than five (5) motor vehicles; premises 224-228 West 57th street and 1758-1770 Broadway, southeast corner (Block No. 1028, Lot No. 47), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 19, 1935, 2 P. M.

Appeals from Administrative Orders.

- 220-35-A—273 Brighton Beach avenue, north side, 40 ft. east of Lakeland place (Block No. 7284, Lot Nos. 1131 and 1132), Brooklyn.
- 283-35-A—Transportation of Fuel Oil in Trucks in New York City.
- 286-35-A—51-61 Union street, northwest corner of Van Brunt street (Block No. 334, Lot No. 34), Brooklyn.
- 295-35-A—101-113 Beard street, southwest corner of Richards street (Block No. 612, Lot No. 1 and part of Lot No. 64), Brooklyn.
- 299-35-A—25-48 122nd street (Block No. 4258, Lot No. 16), College Point, Borough of Queens.
- 308-35-A—726-736 Greenwich street and 122-130 Perry street (Block No. 632, Lot No. 17), Manhattan.
- 317-35-A—Transportation of Fuel Oil in Trucks in New York City.
- 320-35-A—88-110 Crown street, south side, 220 ft. west of Bedford avenue (Block No. 1294, Lot No. 22), Brooklyn.

Variation of Labor Law.

- 275-35-S—225-227 Cook street, north side, 175 ft. east of White street (Block No. 3118, Lot No. 30), Brooklyn.

Appliance Submitted for Approval.

- 310-35-SA—Viking Pot Type Space Heater, Models 120, 165 and 170.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, November 19, 1935, at 2 o'clock.* in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 117-35-BZ—Application, May 8, 1935, under section 21 of the building zone resolution, of William J. Wilson, applicant, on behalf of Rose Bozzi, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

CAL. NO. 212-35-BZ—Application, August 5, 1935, under section 21 of the building zone resolution, of Thomas W. Lamb, Inc., applicant, on behalf of Edwin J. Long, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, NOVEMBER 25, 1935, AT 2 P. M.

Building Zone Cases.

130-35-BZ.

APPLICANT—Edwin H. Snackenberg, for New York Rapid Transit Corporation, owner.

PREMISES—402-10 64th street and 64-01 to 64-19 Fourth avenue, southeast corner (Block No. 5818, part of Lot No. 1), Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the extension of an existing gasoline service station and also the erection and maintenance of a motor vehicle repair shop.

271-35-BZ.

APPLICANT—Christopher C. McGrath, for Treiport Realty Co., owner.

PREMISES—1166 Ward avenue, east side, 100 ft. south of Westchester avenue (Block No. 3742, Lot No. 38), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (store).

277-35-BZ.

APPLICANT—Gerald M. Bloomfield, for Fordhof Realty Co., Inc., owner.

PREMISES—2171 Grand Concourse, west side, 182.75 ft. north of East 181st street (Block No. 3162, Lot No. 43), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the change of occupancy of an existing residence building to a business use.

172-21-BZ.

APPLICANT—John J. Dunnigan, for Riverside-St. Clair Corp., owner.

PREMISES—564 Riverside drive, east side, 293.10 ft. south of St. Clair place (Block No. 1995, Lot No. 70), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened October 29, 1935),

TO PERMIT in a residence district the erection and maintenance of electric roof signs.

577-19-BZ.

APPLICANT—Joseph B. Lynch, for Emil Navone, owner.

PREMISES—179-183 West Houston street and 231-235 6th avenue, southwest corner (Block No. 520, Lot No. 33), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened September 17, 1935).

TO PERMIT in a business district the inclusion of a gaso-

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line service station in a garage for more than five (5) motor vehicles (garage previously granted by the board).

NOVEMBER 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, November 26, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 247-35-BZ—Application, September 18, 1935, under section 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Teresa Pisaniello, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 3007-3009 East Tremont avenue and 1491 Ericson place, northwest corner (Block No. 5381, Lot No. 38), The Bronx.

CAL. NO. 119-35-BZ—Application, May 13, 1935, under section 21 of the building zone resolution, of Chester Baffa, applicant, on behalf of Annie E. Clark, owner, to permit in a business district the conversion of occupancy of an existing building (auto laundry) to a motor vehicle repair shop; premises 502 Atlantic avenue, south side, 200 ft. west of 3rd avenue (Block No. 185, Lot No. 18), Brooklyn.

CAL. NO. 251-35-BZ—Application, September 20, 1935, under sections 7c and 21 of the building zone resolution, of William B. Linder, applicant, on behalf of State Engineering Corp., owner, to permit partly in a residence district and partly in a business district the erection and maintenance of a business building (stores); premises 2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Brooklyn.

CAL. NO. 278-35-BZ—Application, October 10, 1935, under sections 7a, 7c and 21 of the building zone resolution, of C. A. Sandblom, applicant, on behalf of Moe Weinberger, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre; premises 333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 26, 1935, 2 P. M.

Appeal from Administrative Order.

293-35-A—39 West 19th street (10th floor); (Block No. 821, Lot No. 14), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, November 26, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved

without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 106-35-BZ—Application of Frank G. Whiteside, on behalf of Fourth Assembly District Unit, Republican League of Queens County, Inc., lessee, reopened October 29, 1935, for consideration of an amendment to the resolution of July 16, 1935, as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a residence district the change of occupancy of an existing building to business use (restaurant, ball room, etc.); premises 153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

CAL. NO. 1072-23-BZ—Application of Viola M. Smith, owner, reopened November 6, 1935, for consideration as to extension of permit—re Application granted for a temporary period permitting in a residence district the maintenance of a garage for the storage of five (5) motor vehicles, four (4) spaces rented to persons not residing on premises; premises 41 Richmond street, east side, 322 ft. south of Jamaica avenue (Block No. 4103, Lot No. 8), Brooklyn.

CAL. NO. 255-35-BZ—Application, September 23, 1935, under section 21 of the building zone resolution, of New York Railways Corporation, applicant and owner, to permit in a business district an alteration and conversion of a building used for housing street cars to a garage for more than five (5) motor vehicles; premises 1552-1560 Lexington avenue, northwest corner of East 99th street and 1301-1309 Park avenue (Block No. 1627 (West), south part of Lot No. 1), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, DECEMBER 2, 1935, AT 2 P. M.

Building Zone Cases.

282-35-BZ.

APPLICANT—William B. Linder, for Violet Kramer, owner.

PREMISES—1159-1167 Utica avenue and 5002-5010 Clarendon road, southeast corner (Block No. 4771, Lot Nos. 1 and 78), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

287-35-BZ.

APPLICANT—William E. Kennedy, for Abraham A. Goldstein, owner.

PREMISES—Southeast corner of Parsons boulevard and 84th road (Block No. 864, Lot No. 261), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

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1109-27-BZ.

APPLICANT—Michael Levine, for Ft. Greene Associates, Inc., owner.

PREMISES—106-21 Woodhaven boulevard (Cross Bay boulevard), east side, 365.61 ft. north of 108th avenue (Block No. 430, part of Lot No. 45), Woodhaven, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened September 17, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

DECEMBER 3, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 3, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 246-35-BZ—Application, September 17, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Elinor D. Manson and Nora M. Reich, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

CAL. NO. 273-35-BZ—Application, October 7, 1935, under sections 7a, 7c and 21 of the building zone resolution, of Walter B. Woodruff, applicant, on behalf of John T. Woodruff & Son, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 3, 1935, 2 P. M.

Appeal from Administrative Order.

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

DECEMBER 10, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 10, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 145-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Charles Ginsberg and Max Chesnoff, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

CAL. NO. 112-35-BZ—Application, April 30, 1935, under section 21 of the building zone resolution, of Philip Wolfson, applicant, on behalf of Giuseppa Genco, owner, to permit in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop; premises 115-61 Merrick road and 172-01 116th avenue, northeast corner and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 10, 1935, 2 P. M.

Variation of Labor Law.

268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Manhattan.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, December 10, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matter, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 17, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 17, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 272-30-BZ—Application of Jacob A. Freedman, applicant, on behalf of Rubel Corporation, owner, reopened October 1, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (remitted by order of the Court for hearing); premises 440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

SPECIAL MEETING

WEDNESDAY MORNING, NOVEMBER 13, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the special meeting of the board held on Wednesday morning, November 6, 1935, and the minutes of the special meeting of the board held on Wednesday afternoon, November 6, 1935, were approved as printed in Bulletin No. 46, Vol. XX.

BUILDING ZONE CASES

499-31-BZ.

APPLICANT—Austin W. Magee, for Ernest Reiss, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 7f of the building zone resolution to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period, reopened April 30, 1935).

PREMISES AFFECTED—262-18 Hillside avenue (formerly 262-10) and 84-02 263rd street, southwest corner (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Queens.

APPEARANCES—

For Applicant: Austin W. Magee.

For Opposition: James F. T. Delaney.

ACTION OF BOARD—Laid over to December 10, 1935, at 2 p. m., for report of committee on inspection. No further argument.

112-35-BZ.

APPLICANT—Philip Wolfson, for Giuseppa Genco, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop.

PREMISES AFFECTED—115-61 Merrick road (boulevard) and 172-01 116th avenue, northeast corner and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Borough of Queens.

APPEARANCES—

For Applicant: J. H. Sand.

For Opposition: H. W. Gardner, Edward Zinns and Herbert C. Drescher.

ACTION OF BOARD—Laid over to December 10, 1935, at 10 a. m., upon request of applicant's representative.

255-35-BZ.

APPLICANT—New York Railways Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district an alteration and conversion of a building used for housing street cars to a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—1552-1560 Lexington avenue, northwest corner of East 99th street and 1301-1309 Park avenue (Block No. 1627 (West), south part of Lot No. 1), Manhattan.

APPEARANCES—

For Applicant: Francis Seaman and John T. Cahill.

For Opposition: Annie Douglas, Margarita Stuhler, Karl C. Brett, Joseph Mayer, Marguerite Bertsch.

ACTION OF BOARD—Laid over to November 26, 1935, at 2 p. m., for report of committee on inspection. No further argument.

272-30-BZ.

APPLICANT—Jacob A. Freedman, for Rubel Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, in accordance with Order of the Court reading as follows: "ORDERED that the order so appealed from be and the same hereby is unanimously reversed on the law, with costs, and the matter remitted to the Board of Standards and Appeals for a hearing and determination of the matter as a new and original application."

PREMISES AFFECTED—440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Brooklyn.

APPEARANCES—

For Applicant: Jacob A. Freedman.

For Opposition: Andrew Derby, Harry Lefrak and Abraham Pollock.

ACTION OF BOARD—Laid over to December 17, 1935, at 10 a. m., on request of applicant. Opposition concurring with request for adjournment.

114-35-BZ.

APPLICANT—McLaughlin and Stern, for Martrese Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant).

PREMISES AFFECTED—214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Manhattan.

APPEARANCES—

For Applicant: Leo V. McLaughlin.

For Opposition: L. C. Squire, G. S. Appleby, W. A. Ulman and Richard Hannah.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Absent 0

THE RESOLUTION—

(114-35-BZ)

WHEREAS, McLaughlin and Stern, for Martrese Corporation, owner, filed, May 3, 1935, an application under the building zone resolution to permit in a residence district the alteration and change of occupancy of an existing building to a business use (restaurant); premises: 214 West 59th street, south side, 225 ft. west of 7th avenue (Block No. 1030, Lot No. 42), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 13, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that West 59th street is in a residence and business district; West 58th street is in a business district, and 7th avenue is in a business and residence districts; and

WHEREAS, the decision of the commissioner of buildings, rendered April 29, 1935, re (Alt. App. No. 215-1935), reads:

"1. Proposed use (a restaurant) is contrary to section 3 of zone resolution. Reconsideration denied.";

and

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WHEREAS, the existing building is of non-fireproof construction, 5 stories in height, with a frontage of 25 ft. and a depth of 71 ft. 8 in., formerly occupied as a sanitarium; it is proposed to occupy the building as a restaurant; and

WHEREAS, the board being thoroughly familiar with this section of the city, which section faces Central Park, deems that it is a highly desirable residential section and that conforming residential uses can be maintained and give a fair return on the investment; and that a non-conforming use which might give a greater financial return should not be granted, the court having held in numerous cases "that the mere fact that there is an additional income productive from a non-conforming use is not a proof of hardship"; and

WHEREAS, the board deemed that applicant had failed to substantiate his basis of appeal under section 21 of the building zone resolution, and was, therefore, not entitled to relief.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

196-35-BZ.

APPLICANT—Elizabeth Scheurer and Anna A. Scheurer, owners.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES—40-01 23rd drive, northeast corner of Steinway street (avenue); (Block No. 793, Lot No. 26), Astoria, Borough of Queens.

APPEARANCES—

For Applicant: Henry H. Ehrlich, Philip Schmeizer, Albert E. Pritchard, John F. X. Sheridan and Elizabeth Scheurer.

For Opposition: Jabez E. Dunningham, Edward Weinfeld, William J. Nunnery and Margaret Le Duc.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(196-35-BZ)

WHEREAS, Elizabeth Scheurer and Anna A. Scheurer,

owners, filed, November 6, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 40-01 23rd drive, northeast corner of Steinway street (avenue); (Block No. 793, Lot No. 26), Astoria, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 13, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Steinway street is in a business district; 23rd drive is in a business and unrestricted districts; Tri-Borough Bridge Plaza (Astoria avenue) is in business and unrestricted districts; and

WHEREAS, the decision of the commissioner of buildings, rendered June 28, 1935, (App. No. 3832-35), reads:

"1. The creation of a gasoline service station in a business district is contrary to the zone law."; and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 100 ft. on 23rd drive, 86.28 ft. on Steinway street and a distance of 75 ft. along the east lot line. On the site there are several one-story frame structures—one of which is to be removed to another location on the plot; one to be demolished and one to remain at present location. It is proposed to erect upon the plot grease pits and the necessary tanks and pumps for a gasoline service station; and

WHEREAS, a committee of the board, in order to be informed prior to the hearing, inspected these premises on October 31, 1935; and

WHEREAS, it appears that the owner of these premises is now receiving a substantial revenue from the present use; and

WHEREAS, the board deems that the property can be developed with a conforming use and that if additional gasoline service stations are required, they can be readily established in the adjacent unrestricted district; and that a non-conforming use which might give a greater financial return than the existing conforming use should not be granted and that applicant has not substantiated his basis of appeal under section 21 of the building zone resolution, in that no hardship has been shown on the owner of site under appeal.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

Adjourned, 12:35 p. m.

EDWARD V. BARTON, *Chief Clerk*.

MINUTES

BOARD OF STANDARDS AND APPEALS

SPECIAL MEETING

WEDNESDAY AFTERNOON, NOVEMBER 13, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

84-35-BZ.

APPLICANT—Samuels & Samuels, for Dickel Construction Company, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—77-04 to 77-12 Jamaica avenue, south side, 20.03 ft. east of 77th street (Block No. 56, Lot No. 2), Woodhaven Queens.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: James Loughlin.

ACTION OF BOARD—Application denied.

THE VOTE—

Affirmative	0
Negative: Chairman Murdock, Commrs. Savage and Blum and Assistant Chief Kidney..	4
Absent	0

THE RESOLUTION—

(84-35-BZ.)

WHEREAS, Samuels and Samuels, for Dickel Construction Company, owner, filed, March 29, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 77-04 to 77-12 Jamaica avenue, south side, 20.03

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ft. east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 13, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Jamaica avenue is in a business district; 77th street, Rector street and 78th street are each in residence and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered August 7, 1935 (re Permit No. N. B. 2884-35), reads:

"1. Erection of a gasoline service station within a business district is contrary to 4a-46 of building zone resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 100.17 ft. and a depth of 101.2 ft.; a small area (approximately 300 sq. ft.) at the rear of the plot is in the residence district and the remainder of the plot is in the business district. Proposes to erect upon the plot a one-story office and lubricatory structure 35 ft. by 23 ft. in area and also to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises in question was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing, and which report follows:

REPORT OF COMMITTEE

November 4, 1935.

Cal. No. 84-35-BZ.

Premises—77-04 to 77-12 Jamaica avenue, south side 20.03 ft. east of 77th street (Block No. 56, Lot No. 2), Woodhaven, Borough of Queens.

The plot under appeal is part of the block front on the southerly side of Jamaica avenue, Queens, between 78th street and 77th street. The frontage on both sides of Jamaica avenue for a depth of 100 ft. is zoned for business uses and the abutting areas for considerable distance are zoned for residential uses (except 78th street, which is zoned for business use). This application is brought under section 21 for a zoning variance to permit a gasoline service station with a frontage of one hundred feet and of one hundred and one feet slightly encroaching on the residential use area. The entire block front of this block No. 56 is under the same ownership. The easterly corner is occupied by King Cullen Co. department store, in a recently constructed one-story store building. The southerly corner is a twenty foot plot recently set off to avoid the gas station application falling within the third paragraph of section 21, for if the proposed gasoline station extended to the corner it could not be granted as it would then be located on the same block between two intersecting streets as a public school. The plot occupied by Public School No. 65 is on the same block extending through from 77th street to 78th street, approximately 150 ft. southerly from the rear of the plot under appeal.

The diagram filed meets the requirements in showing plots and buildings thereon where owners are entitled to notice, but the entire neighborhood is solidly built up mainly with private dwellings on the side streets and stores for neighborhood shopping along Jamaica avenue. The photographs filed clearly indicate this development and, also, show the street car line and elevated along Jamaica avenue with the girders under the elevated structure opposite the plot under appeal, for the transformer referred to as "a power house substation and machinery." The elevated station for passengers is at 75th street to the west. The existing garage referred to on the opposite side of Jamaica avenue is some 200 ft. dis-

tant, with stores beside its entrance and lofts over the corner portion. The Rubel Ice Manufacturing plant, apparently erected prior to zoning, is one block west on the same side. Generally the buildings in the area are not new, the most recent development being the six-story elevator apartment house diagonally opposite, not shown on the photographs except for the store section on Jamaica avenue and Rector street.

Observations by the committee indicate that the stores are generally rented. There are four small stores vacant in the new apartment building. The local real estate office representative agreed that while rentals were low, the section was approximately as well off as other similar sections, rents being too low all over the city due to the depression. From this same source information was obtained by the committee to confirm statement at the hearing by an objector that the transformer had been in service for six months and made no noise as it was a mercury arc. The elevated naturally reduces light, but the extra light lost by the transformer located under the tracks is negligible.

The plot under appeal is now used for parking. The committee was informed that the King Cullen Co. have it under lease for the use of their customers. Signs indicate that use, but the owner's representative was in doubt as to whether there was an actual lease. It is apparent that the owner is taking no effective steps to prevent parking as there is no fence or keep off signs. This owner owns not only the block frontage which includes the proposed gasoline station and King Cullen stores, but also directly or indirectly controls considerable store property in the immediate area which have filed consents and the applicant claims, therefore, that this owner would be the most affected.

In the opinion of the committee, this plot can be developed with a conforming use, either for stores or for an apartment house as erected recently diagonally opposite. A gas station would perhaps be much more profitable and perhaps an improvement over the existing ill-kempt conditions, although if granted, parking would undoubtedly continue because of the great amount of vacant space to be left to the rear and sides of the proposed small accessory office. Whether setting off a twenty foot lot on the corner so as technically to avoid the prohibition against a gas station on a school street would be effective is open to question. It is a salutary requirement for the protection of school children.

The committee checked up gas stations nearby as listed by an objector and agrees that no more are needed.

The committee desires to observe that it is idle for realtors to claim that a gasoline station would be an improvement in a business district. They should be aware that the Board of Estimate and Apportionment has classified gasoline stations as prohibited uses in business and residence districts. It has not been noted that realtors have urged a change in the law in this respect. It can hardly be claimed as hardship, being prevented from carrying on an unlawful use.

It does not appear to the committee that hardship has been proven sufficiently to justify the board granting the variation sought and that public welfare and the general good require denial. The committee accordingly so recommends.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

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WHEREAS, this report recommended the denial of this application and the board deemed that the premises is capable of development for a conforming use which would bring a fair return on the investment, and that applicant had failed to substantiate the basis of his application under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

477-28-BZ.

APPLICANT—Scacchetti & Siegel, for Cabin Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under sections 7c and 21 of the building zone resolution, to permit the amendment of a resolution (previously granted by the board) permitting partly in a business district and partly in a residence district the erection and maintenance of a business use (stores) so as to include a motion picture theatre.

PREMISES AFFECTED—2029 Grand Concourse, southwest corner of East Burnside avenue (Block No. 2808, Lot No. 82), The Bronx.

APPEARANCES—

For Applicant: Frederick Hembey.

For Opposition: Herman B. Sarno.

ACTION OF BOARD—Application denied.

THE VOTE—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(477-28-BZ)

WHEREAS, John J. Dunnigan, for Grandside Realty Corp., owner, filed, May 22, 1928, an application under the building zone resolution to permit partly in a business use and partly in a residence use district the erection and maintenance of a business building (stores); premises southwest corner of Burnside avenue and Grand Concourse (Block No. 2808, Lot No. 82), Borough of The Bronx; and

WHEREAS, this application was granted by the board February 5, 1929, the resolution as amended September 17, 1935, being as follows:

“Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted*, only so far as it affects the first story of any building erected on the premises, *on condition* that any structure erected in excess of one story shall be restricted above the first story to conforming use; that the use of the first story shall be restricted to retail mercantile shops or stores, specifically prohibiting the use or occupancy of any portion of the concourse front or corner store to delicatessen business, meat market or fish market; that any advertising display shall be restricted to fixed letters on the plate glass show windows of store fronts; that there shall be no merchandise exposed or displayed outside the building line, and that all permits required shall be obtained within nine months, and that any work involved shall be completed within one year from September 17, 1935,”;

and

WHEREAS, the time to complete the work was extended from time to time, the last extension of time being September 17, 1935; and

WHEREAS, Scacchetti and Siegel, for the present owner, Cabin Holding Corp., requested a reopening of the application and an amendment of the resolution to permit partly in a business use district and partly in a residence use dis-

trict the inclusion a motion picture theatre and store, the theatre to have an entrance from the Grand Concourse; and

WHEREAS, this application was reopened by vote of the board July 16, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 13, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Grand Concourse is in a residence district; Burnside avenue is in a residence and business district, and Creston avenue is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered August 1, 1935, re N. B. Applic. No. 999-1935, reads:

“1. Proposed rearrangement of stores and installation of motion picture theatre, lobby and exits on premises contrary to conditions of approval of Board of Standards and Appeals of variation of building zone resolution permitting business uses on plot in residence district under resolution Cal. No. 477-28-BZ. February 5, 1929, and amendments thereto.”;

and

WHEREAS, the premises consist of a plot of ground having a frontage of 110.2 ft. on Grand Concourse and 130.6 ft. on Burnside avenue. The west portion of the plot extends into the business district for a distance of approximately 30 ft. The remainder of the plot is in a residence district. It is proposed to erect upon the plot a building to be occupied as stores and also a motion picture theatre having 599 seats; the lobby of the theatre being located on the Grand Concourse; and

WHEREAS, the board deems that in view of the objections of adjacent property owners on the Grand Concourse that the limited store use previously granted by the board February 5, 1929, should not be exceeded and that the entrance to the theatre should not be permitted on the Concourse, as this would further infringe on the residential character of this portion of the Concourse; and

WHEREAS, the board deems further that, insofar as the proposed theatre is concerned with its entrance on the Concourse, the applicant has failed to substantiate the basis of his application under sections 7c and 21 and that the application as to this theatre should be denied.

Resolved, that the decision of the commissioner of buildings, dated August 1, 1935, be and it hereby is *affirmed*, and that the application be and it hereby is *denied* and that the resolution of February 5, 1929, as amended September 17, 1935, be *reaffirmed*.

154-35-BZ.

APPLICANT—Samuels & Samuels for Assets Control Company, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens.

APPEARANCES—

For Applicant: Samuel S. Feinberg.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

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THE RESOLUTION—

(154-35-BZ)

WHEREAS, Samuels and Samuels, for Assets Control Company, Inc., owner, filed, June 15, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 219-34 Hillside avenue and 88-07 Springfield boulevard, southeast corner (Block No. 1727, part of Lot No. 1), Queens Village, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its special meeting, November 13, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Springfield boulevard is in business and residence districts; Hillside avenue and Braddock avenue are in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 5, 1935, re (App. No. 1942-1935), reads:

"1. The erection of a gasoline service station in a business district is contrary to article 2, section 4, of the zone resolution."

and
WHEREAS, the premises consist of a plot of ground having a frontage of 100 ft. on Springfield boulevard and 100 ft. on Hillside avenue, upon which it is proposed to erect a one-story office and lubritorium structure 23 ft. by 35 ft. in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, the premises under appeal was the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE

November 8, 1935.

Cal. No. 154-35-BZ.

Premises—219-34 Hillside avenue and 88-07 Springfield boulevard., Queens Village, Queens.

This is an application under section 21 for a zoning variance to permit the premises to be used as a gasoline service station. The plot is a corner at the intersection of Hillside avenue and Springfield boulevard. Hillside avenue has recently been extended easterly from this area so that it is an important artery from Jamaica to the east and Springfield boulevard is an important cross county artery from Sunrise highway to Little Neck. Within a few hundred feet to the north, Springfield boulevard intersects with the Grand Central parkway. Another important thoroughfare is Braddock avenue also known as Rocky Hill road which crosses Hillside avenue diagonally and leads easterly to Merrick road. All these cross roads make this location an important intersection, the full importance of which has not yet been felt because of the newness of the Hillside avenue extension and the Grand Central parkway. The frontages on these main highways are zoned for business use and the surrounding area for residential use as "C", "D" and "E" areas designed to provide mainly for single and two-family residences. In fact, while the diagrams and the photographs filed do not indicate the development, there is as noted by the inspection committee a considerable development of that kind in the adjacent blocks to the south and north. The logical business centre for these residential areas is at the intersection of these main roads. The plot under appeal and adjoining business frontage are now vacant as is other business area nearby owned by the same owners, who have held the property for some years and assert, through this applicant, that there is no development except the gas station existing on the island plot, Lot 1, Block No. 1674. This gas station

is there by right because of having been started prior to the prohibiting amendment of 1925 and confirmed by this board when the technical question arose as to whether the construction of the station already contracted for could be continued. It might be noted that the then owners of Block No. 1727, part of which is covered by this present appeal, filed objections as did owners of Blocks Nos. 1672, 1675 and 240, all in this present area of notification. The other existing business uses are a refreshment stand on this owner's plot adjoining and bill boards which have replaced a diner which operated until recently on plot across Springfield boulevard. There is also a nursery business which has existed for many years in the next blocks east.

It is claimed that this site comes within the purview of the St. Albans-Springfield decision because it cannot be used for its zoned purposes. That decision when read in its entirety as it must be, was based on the plot there under appeal being farm land and the Court said: "The zoning of farm land is different from the zoning of a city." This board in an effort to apply the principle of the St. Albans decision granted to this applicant a zoning variation on Hillside avenue and Little Neck parkway. That is about two miles easterly from this plot and there are certain farm plots adjacent. There are no farm lands in this immediate area.

In the opinion of the committee this plot can be used for a conforming use. Growth in this area is to be expected so that in addition to present requirements for stores more will be needed as the development continues. That this will occur may be judged from what happened in the St. Albans area. Within the few years since the decision based on the then existing farm lands, the area for blocks has developed. The gas stations on the corners permitted by that decision could now be ordered removed, as the corners are unquestionably capable of conforming development. Meanwhile the gas stations with their unlimited signs and other objectionable features are depreciating surrounding properties. Conditions at the St. Albans corner at Linden boulevard and Springfield boulevard are indicated on attached photographs taken this week. This corner is over two miles from the plot in this appeal.

The committee not only finds no hardship exist here but that in the public interest additional gas stations should not be granted to approximate the unfortunate conditions at the St. Albans corner. If this one is granted, surrounding plots would be equally entitled to similar zoning variances. The committee is of the opinion that the character of this intersection should not be set by permitting additional non-conforming uses which would effectually prevent the logical and legal development. The committee recommends that this application be denied.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee of Inspection.

and

WHEREAS, the report of the committee recommended the denial of this application; and

WHEREAS, the board deemed that this property could be developed with a conforming business use which would bring a fair return on the investment, and that the applicant had failed to substantiate the basis of his application under section 21 of the building zone resolution.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

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229-29-BZ.

APPLICANT—Lama and Proskauer, for I. Hoechle, Sr., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings), under sections 7g and 21 of the building zone resolution, granted permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—North side 245th street, 100 ft. east of Cross Island boulevard (Block No. 4915, Lot Nos. 5 and 7), Rosedale, Borough of Queens.

APPEARANCES—

For Applicant: Alfred E. Lama.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(229-29-BZ)

WHEREAS, this application affecting premises north side of 245th street, 100 ft. east of Cross Island boulevard (Block No. 4915, Lot Nos. 5 and 7), Rosedale, Borough of Queens, was granted by the board July 23, 1929, on certain conditions, and the present owner, I. Hoeckle, through his architects, Lama & Proskauer, requested a reopening of this application, and an amendment of the resolution; and

WHEREAS, this application was reopened by vote of the board November 13, 1935; and

WHEREAS, it appears that a violation No. 1115 of 1935, has been filed against these premises by the commissioner of buildings, dated October 25, 1935, and reading in part:

"Conducting gas station contrary to ruling of Board of Standards and Appeals; no curbing; tanks not set back 10 ft. from building line, no triangular platform, and erecting sign 3 ft. by 15 ft.";

and

WHEREAS, applicant proposes to comply with the violation as to the location of the gasoline pumps.

Resolved, that the Board of Standards and Appeals, does hereby amend its resolution of July 23, 1929, so that as amended the resolution will read as follows:

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted on condition "That there shall be constructed along the building line on both street fronts a reinforced concrete curbing not less than 12 inches in width and not less than 6 inches in height with rounded top; that there shall be constructed at the apex of the plot formed by the intersection of 245th street and South Conduit avenue a triangular platform not less than six inches in height and not less than 15 feet in depth from the apex of the plot; that there shall be not more than four (4) vehicular entrances to the plot, two opening on South Conduit avenue and two opening on 245th street; that no opening shall exceed 25 feet in width and that curb cuts opposite shall not exceed 30 feet in width each; that there shall be between the openings on each street sections of curbing not less than six feet in length on 245th street and 8 feet in length on South Conduit ave-

nue;" that all gasoline pumps installed on the premises shall set back from the building line not less than 10 feet from either street front; that the building indicated on the plans filed in this appeal shall be restricted in height to one story and shall be finished on the outside with light colored enameled brick, a dark brick trim and roofed in Spanish tile or variegated slate; "That any advertising displayed shall be restricted to the glass globes of the gasoline pumps and to a flat sign on the frieze of the accessory building and to one post standard erected within the property lines near the intersection of the two thoroughfares to carry an illuminated sign advertising only the brand of gasoline on sale, this sign not to extend more than 8 feet beyond the building line"; that all permits required shall be obtained within six months and all work involved thereby completed within one year from the date of this action.

APPEALS FROM ADMINISTRATIVE ORDERS.

344-34-A.

APPELLANT—Sun Klean Chemical Co., Inc., lessee. SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

APPEARANCES—

For Appellant: S. R. Buxbaum.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to December 3, 1935, at 2 p. m., on request of appellant's representative.

293-35-A.

APPELLANT—Carnival Art. Corp., lessee.

SUBJECT—Appeal from an order of the fire commissioner of buildings.

PREMISES AFFECTED—39 West 19th street (10th floor), (Block No. 821, Lot No. 14), Manhattan.

APPEARANCES—

For Appellant: Pearl Schwam.

For Administration: Inspector Maher of department of buildings.

ACTION OF BOARD—Laid over to November 26, 1935, at 2 p. m., on request of appellant's representative.

14-35-A.

APPELLANT—Marvel Bleach & Chemical Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—548 Meserole street (Block No. 2977, Lot No. 14), Brooklyn.

APPEARANCES—

For Appellant: B. J. Nova.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative: Assistant Chief Kidney	1
Absent	0

THE RESOLUTION—

(14-35-A)

WHEREAS, Marvel Bleach & Chemical Co., lessee, filed, January 14, 1935, an appeal from an order of the fire commissioner affecting premises 548 Meserole street (Block No. 2977, Lot No. 14), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner, dated April 11, 1935 (Order No. 66127 L.C.), reads:

"You are hereby notified that the Permit No. 575649, to expire July 11, 1935, written in clerical error, for

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the storage and use of 15 tons of chlorine gas at 548 Meserole street, Brooklyn, is revoked for the reason that the storage of 15 one-ton cylinders of liquid chlorine at the above premises is not in the interest of public safety and is dangerous to life.

"1. You are, therefore, ordered to forthwith remove all cylinders of liquid chlorine from the above premises and discontinue the storage and use of same. Section 214-A, Chapter 10, Code of Ordinances, New York."

and

WHEREAS, the premises consist of a lot 200 ft. by 200 ft., upon which is erected a one-story fireproof building, 118 ft. by 50 ft., irregular in depth; OCCUPIED for the storage of liquid chlorine and the manufacture of bleach; located within an unrestricted district; and

WHEREAS, the appellant claims the building was erected in 1931, the plans and specifications were duly approved by the fire commissioner, certificate of occupancy issued December 12, 1931, for the storage of chlorine by the superintendent of buildings, permits were regularly issued for the storage of 15 one-ton cylinders of liquid chlorine by the fire commissioner until date of order; the one-ton chlorine cylinders are delivered to the premises on a railroad siding adjacent to the building, the one-ton cylinders are conveyed into a fireproof and waterproof chamber by means of a two-ton crane; the fireproof chamber is fully sprinklered, a 25,000-gallon caustic soda tank is constructed directly overhead with a gate valve for flooding the chlorine chamber with caustic soda in case of leakage, operated on the outside of the chamber; the active chlorine cylinder is connected by piping which extends through the 12-inch brick enclosure wall and leads to the bottom of a vat containing caustic soda solution which absorbs the chlorine gas to form a solution of sodium hypochlorite which is neither explosive nor inflammable and presents no fire hazard; and

WHEREAS, the premises were inspected by a committee of the board, report of which inspection was read at the hearing, and which report recommended the granting of this appeal under certain conditions.

Resolved, that the order of the fire commissioner, No. 66127-L.C., be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the storage of not over 15 tons of liquid chlorine, *on condition* that same shall be stored in the fireproof enclosed tank storage building as indicated and as approved by the fire prevention bureau (fire prevention division of the department of buildings) under Plan No. 3112-31, subject to additional conditions as recommended by report of the committee, as follows:

1. That not more than one cylinder shall be opened and drawn from at one time and that cylinder shall be supported on rigid steel saddles and strapped in place to prevent movement until emptied;

2. That the connection from tank to feed line be by means of a heavy clamp or valve with lead squeeze washers; that the flexible pipe from the tank valve to the feed pipe be extra heavy brass or copper with an approved union connection to the feed pipe and that this flexible pipe be as short as practicable and kept free from sharp bends or kinks;

3. That after working hours the valve at the cylinder shall be kept closed;

4. That in addition to the present arrangement for flooding the main pit with caustic soda, that an additional pipe not less than two inches in diameter shall be provided which will flood the small pit where the chlorine is drawn from. This pipe shall have a gate valve so arranged in the piping from the tank that caustic soda can be delivered to the small pit without being simultaneously delivered to the large storage pit unless a second valve was opened;

5. Arrange the sprinkler system shown on plan submitted with this appeal so that the water discharges from all heads in comparable volume;

6. That the feed line shall be new, extra heavy galvanized seamless wrought iron encased within a two-inch iron pipe. That this piping shall be rigidly and firmly supported at short intervals for its entire length and the exterior surfaces kept well painted; that there shall also be a shut-off valve at the mixing tank;

7. That the equipment for handling the cylinders shall be an approved swinging jib or cantilever crane, suspended track, hoist and trolley. The capacity of all this equipment to be not less than two tons, the hoist to be self-locking in type and the trolley to be arranged for positive travel motion;

8. That the gas masks shall be of the type approved for use against chlorine gas by the U. S. Bureau of Mines. Two masks shall be in the chlorine storage room, two immediately outside, one in the watchman's office and one in the chief chemist's office. All shall be located so as to be readily accessible;

9. That during working hours at least two persons shall hold certificates of fitness issued by the fire commissioner after examination at the premises as to their qualifications, knowledge of the equipment and familiarity with the use of gas masks;

10. That at night, the plant shall be subject to hourly inspection by a watchman who shall also hold a similar certificate of fitness;

11. That the captain in charge of the local police station shall be notified of the chlorine storage and be permitted to detail such men as he deems necessary to familiarize themselves with the installation;

and

Resolved, further, that all work shall be done and permits obtained within thirty days from the date of this action.

257-35-A.

APPELLANT—Frank E. Redmond for Continental Baking Company, owner.

SUBJECT—Appeal from an order of the commissioner of buildings and a decision of the board of buildings.

PREMISES AFFECTED—15-27 North Oxford street (Block No. 2029, Lot Nos. 9 and 10), Brooklyn.

APPEARANCES—

For Appellant: Frank E. Redmond and Harry C. Herwitz.

For Administration: None.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(257-35-A)

WHEREAS, Frank E. Redmond, for Continental Baking Company, owner, filed, September 10, 1935, an appeal from an order of the commissioner of buildings and a decision of the board of buildings, affecting premises 15-27 No. Oxford street (Block No. 2029, Lot Nos. 9 and 10), Borough of Brooklyn; and

WHEREAS, the order of the commissioner of buildings, dated April 11, 1935 (No. 5351-Lf.), reads:

"1. Provide a separate and distinct system of AUTOMATIC SPRINKLERS throughout building having at least one source of water supply, arranged and equipped as provided in the rules for fire extinguishing appliances adopted by the Board of Standards and Appeals November 9, 1927.

and

WHEREAS, the decision of the board of buildings, reads as follows:

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"BOARD OF BUILDINGS

A-285-35.

August 8, 1935.

APPEAL FROM ADMINISTRATIVE ORDER

APPELLANT—Mark A. Daly, general secretary Associated Industries of New York State, Inc., 130 West 42nd street, New York, N. Y.

SUBJECT—Appeal from order and decision of the commissioner of buildings, department of buildings, Borough of Brooklyn.

PREMISES AFFECTED—15-17-19-25-27 North Oxford street, Brooklyn.

APPEARANCES—Mr. Passage, representing Mark A. Daly, secretary of Associated Industries of New York State, Inc., who are the agents for the Continental Baking Company, owner of the premises.

ACTION OF THE BOARD—Appeal denied.

THE VOTE TO DENY—

Affirmative: Chairman Fassler, Commissioners Kelley, Reville, Thatcher and Langworthy. 5

Negative 0

THE RESOLUTION—

"WHEREAS, on July 30th, 1935, Mr. Passage, acting for Mark A. Daly, general secretary of the Associated Industries of New York State, Inc., filed an appeal from order and decision of the commissioner of buildings, Borough of Brooklyn; said order reads as follows:

"2. Provide a separate and distinct system of AUTOMATIC SPRINKLERS throughout building, having 'at least one source of water supply, arranged and equipped as provided in the rules for fire extinguishing appliances adopted by the Board of Standards and Appeals November 9, 1927.'";

and

WHEREAS, the building in question was originally erected and used as a bakery and thereafter converted for use as a storage for junk dealers and waste paper; and

WHEREAS, the building is of non-fireproof construction.

Resolved, that the order and decision of the commissioner of buildings, Borough of Brooklyn, be and it hereby is *affirmed* and the appeal be and it hereby is *denied*."

and

WHEREAS, the building is non-fireproof, 3 stories and cellar (40 feet) in height, 144 feet by 98 feet 6 inches in area; OCCUPIED for the storage of waste paper, 13 persons throughout the building, located within an unrestricted district; and

WHEREAS, the applicant claims the building is of brick and semi-mill construction, erected in 1890, the building was originally used as a bakery, thereafter for junk dealers and storage of waste paper; that Fire Department Permit No. 18611 covering the storage of five tons of papers, expiring May 10, 1936, has been issued; that in lieu of installing an automatic sprinkler system it is proposed to install standpipe hose connections with the necessary hose lengths throughout the building or to install other types of fire extinguishing appliances; the purpose of this appeal is for a modification of the order of the commissioner of buildings and the reversal of the resolution of the board of buildings; furthermore, the applicant contends the premises can be leased only at a low rental, if the order is enforced the applicant would be compelled to vacate the building; and

WHEREAS, these premises were inspected by a committee of the board on October 31, 1935, and the committee found that a serious fire hazard existed; and

WHEREAS, the board deems that in view of this serious fire hazard the appeal should be denied.

Resolved, that the order of the commissioner of buildings and the decision of the board of buildings be and they

hereby are *affirmed*, and that the appeal be and it hereby is *denied*.

291-35-A.

APPELLANT—Fairbanks Cleaners, Inc., sub-lessee and A. W. M. Operating Corp., lessee.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—2235-2237 Light street, northwest corner of Rombouts avenue and 3815 Rombouts avenue (Block No. 4950, Lot Nos 20 and 25), The Bronx.

APPEARANCES—

For Appellant: Leon J. Herman and William Goldman.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Application granted on condition THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(291-35-A)

WHEREAS, Fairbanks Cleaners, Inc., and A. W. M. Operating Corp., sub-lessee and lessee, respectively, filed, October 22, 1935, an appeal from an order and a decision of the fire commissioner affecting premises 2235-37 Light street, northwest corner Rombouts avenue and 3815 Rombouts avenue (Block No. 4950, Lot Nos. 20 and 25), Borough of The Bronx; and

WHEREAS, the order of the fire commissioner, dated June 21, 1935 (Order No. 6442-L.C.), reads:

"Forthwith remove all fuel oil and discontinue the storage and use of such oil on these premises:

"REASON:

"Failure to comply with fire department order 4544-L.C. (Item 1) requiring the separation of boiler from the remainder of the building by unpierced wall of solid masonry at least 8 inches in thickness.

"Entrance to be from exterior of building only.";

and

WHEREAS, the decision of the fire commissioner, dated September 23, 1935, reads:

"The delay in answering your request of August 3, 1935, regarding a modification of order numbered 4544-L.C., has been due to the fact that we have reconsidered your request.

"It is regretted that the order cannot be rescinded or waived. We would suggest that you take advantage of your right to appeal from the fire chief and commissioner's decision, by appealing to the Board of Standards and Appeals, Room 1002, Municipal Building, Manhattan.";

and

WHEREAS, the buildings are non-fireproof, one story (15 ft.) in height, 50 ft. by 213.43 ft. in area; OCCUPIED for technical cleaning and dyeing, 20 persons; located within an unrestricted district; and

WHEREAS, the applicant claims the premises consist of two adjoining buildings (erected in 1927 and 1931) with a communicating door opening protected by a fireproof self-closing door on each side of the wall; equipped with a steam line connected with the boiler and having ½ in. outlets 3 ft. apart; certificate of occupancy was issued October 11, 1934, permitting the use as a "factory for cleaning, pressing and finishing clothes, 20 persons"; the southerly building is used for the finishing room; the northerly building is divided into two sections by an 8-in. brick wall with one doorway protected by a fireproof self-closing door, the north part is the deterging room, using varnolene solvent

MINUTES

(minimum flash point 107 degrees F), the south part is the wet wash and wet dyeing room, with the entrance door from the street, the boiler room is within this room against the southerly wall and enclosed with 8-in. concrete blocks with a fireproof self-closing door opening to the wet wash room; the toilet room and rest room is located between the boiler room and the street wall; under the above conditions strict compliance with the order would be a hardship upon the lessees and very costly; the applicant proposes to construct a concrete sill, 2 ft. in height in the doorway leading to boiler room and provide another fireproof self-closing door on the opposite side of the door opening; or, as an alternative—to cut a doorway through the southerly brick wall leading to the southerly building, the opening to be protected in the same manner as proposed for the existing doorway, which existing doorway would then be built up solidly with masonry; the applicant contends that the proposed change would be a practical compliance with all the objections of the bureau of combustibles and would not interfere with the operation of the plant nor cause an undue hardship upon the lessees.

Resolved, that the order of the fire commissioner, No. 4544-L.C., be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that the existing openings from the boiler room opening into the building northerly therefrom shall be closed with approved masonry and that the only access to the boiler room shall be a new opening to the south into the building located on the corner of Rombouts avenue and Light street known as the finishing room and that this opening shall be protected on either side with approved automatic fire doors; *on the further condition* that there shall be no volatile fluids stored or used in this finishing room except as may be necessary for removing spots, for which purpose volatile cleaning fluid may be used not exceeding one gallon in approved safety cans and that this work shall be carried on at a distance of not less than 75 ft. from the entrance to the boiler room; that upon completion of this work, order of the fire commissioner, No. 6442-LC, shall be dismissed.

297-35-A.

APPELLANT—Brook Refrigerating Co., Inc., for Cudahy Packing Co., Inc., owner.

SUBJECT—Appeal from a decision of the fire commissioner.
PREMISES AFFECTED—681 Brook avenue, northwest corner of East 153rd street (Block No. 2363, Lot No. 1). The Bronx.

APPEARANCES—

For Appellant: Abraham Greenberg.

For Administrator: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(297-35-A)

WHEREAS, Brook Refrigerating Co., Inc., for Cudahy Packing Co., Inc., owner, filed, October 26, 1935, an appeal from a decision of the fire commissioner, affecting premises 681 Brook avenue, northwest corner of East 153rd street (Block No. 2363, Lot No. 1). The Bronx; and

WHEREAS, the decision of the fire commissioner, rendered October 21, 1935, re proposed installation of ammonia piping under 153rd street, The Bronx, reads:

"Your letter of October 2, 1935, requesting permission in behalf of the Brook Refrigerating Company, Inc., to construct a pipe line north in the bed of 153rd street, and under the street to the building operated by the Cudahy Packing Company, Inc., is acknowledged.

"We regret that your request must be denied for the reason that the bureau deems the webbing of ammonia refrigerant piping from one building to another to be hazardous.";

and

WHEREAS, the building is non-fireproof, 2 stories (30 ft.) in height, 191 ft. by 44 ft. in area; OCCUPIED for the storage and refrigerating of poultry and meats, total of 18 persons; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1910, no certificate of occupancy has been issued; at present there is an approved independent refrigerating plant in the cellar connected with 6,500 ft. of 2-in. coil piping throughout the building using ammonia for the refrigerant and operated by the direct method; it is proposed to remove the refrigerating plant from the cellar and connect the existing coil piping with the 4-in. (ammonia) supply line and the 1 1/4-in. return line, which are located in the cellar of premises at southwest corner of 153rd street and Brook avenue; such an arrangement necessitates the extension of the flow and return (ammonia) lines under the bed of 153rd street, permission for which is requested under this appeal; the pipes will be laid in a 12-in. terra cotta tile conduit, so if a leak or break in the lines should occur, the pipe may be quickly removed, working from either building, and repaired; the pipe lines are to carry ammonia and be part of the Class A system, the central machine room of which is located in the cellar of No. 643 Brook avenue, containing three compressors and a receiver using 2,000 lbs. of ammonia for the refrigerant and operated by the direct method; there is 140 lbs. normal working pressure in the 4-in. flow line, provided with an automatic stop at 210 lbs. with a 250-lb. safety valve, the 1 1/4-in. return line is provided with 150 lb. safety valve; furthermore, the applicant contends the project creates no hazard, the neighborhood is purely a market area where no large number of persons reside or are employed; and

WHEREAS, the board deemed that it is contrary to public safety to permit the crossing of the public highway as proposed.

Resolved, that the decision of the fire commissioner be and it hereby is *affirmed*, and that the appeal be and it hereby is *denied*.

302-35-A.

APPELLANT—Roger Smith Hotels Corporation, for Union Square Savings Bank, owner.

SUBJECT—Appeal from an order of the tenement house commissioner.

PREMISES AFFECTED—19-21 West 69th street, north side, 240 ft. west of Central Park West (Block No. 1122, Lot No. 22), Manhattan.

APPEARANCES—

For Appellant: C. A. De Lima.

For Administration: Inspector John Mahoney, of tenement house department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(302-35-A)

WHEREAS, Roger Smith Hotels Corporation, for Union Square Savings Bank, owner, filed, October 31, 1935, an appeal from an order of the tenement house commissioner affecting premises 19-21 West 69th street, north side 240 ft. west of Central Park West (Block No. 1122, Lot No. 22). Borough of Manhattan; and

WHEREAS, the order of the tenement house commissioner, dated September 27, 1935, reads:

MINUTES

"Item 1—The existing standpipe (fire line) system, having the following defects, is in a condition dangerous to life, and as such is a public nuisance according to section 309 of the multiple dwelling law, you are hereby ordered to abate and remove the said nuisance, by correcting these defects immediately.

Item F—The twenty-five feet and fifty feet (25' and 50') lengths of one and one-half inch (1½") unlined linen hose on the hose valves on cellar, first, second, third, fourth, fifth, sixth, seventh, eighth, ninth, tenth, eleventh, twelfth, thirteenth, fourteenth stories are defective."

and

WHEREAS, the building is fireproof, 14 stories (140 ft.) in height, 40 ft. by 90 ft. in area; OCCUPIED as a Class A multiple dwelling, 10 rooms per story; located within a residence district; and

WHEREAS, the applicant claims the existing 25 ft. and 50 ft. lengths of 1½ in. unlined linen hose for the standpipe hose outlets at each story were installed when the building was erected in 1916, and accepted by the city departments having jurisdiction since 1916 to the present time; there are 10 rooms, each story having a total floor area of about 3,000 square ft., the farthest corner of any room is not more than 25 ft. from the public corridor entrance; it is proposed to replace any hose which may be found defective and to provide standard underwriter's 2½-gallon soda-acid fire extinguishers in the fire tower accessible within 15 ft. of each public corridor fire tower door; strict compliance with the order would necessitate the replacement of hose reels, couplings and fittings as well as the hose which would be an unwarranted and unnecessary hardship at the present time; furthermore, the existing standpipe system conforms in all respects to the requirements under the standpipe rules except as to size of hose.

Resolved, that the order of the tenement house commissioner, dated September 27, 1935, be and it hereby is *modified*, and the appeal be and it hereby is *granted*, permitting the continuation of the use of hose of 1½ in. in diameter, *on condition* that hose valves shall be of 2½ in. regulation size with reducing coupling 1½ in. in size; and that the standpipe system shall otherwise comply in all respects with the Standpipe Rules of the Board of Standards and Appeals.

VARIATION OF LABOR LAW.

268-35-S.

APPLICANT—Ansonia Fire Prev. Eng. Co., Inc., for Le-Blang Realty Corporation, owner.

SUBJECT—Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Manhattan.

APPEARANCES—

For Applicant: Herman E. Horwood.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Laid over to December 10, 1935, at 2 p. m., for report of a committee on inspection.

APPLIANCES SUBMITTED FOR APPROVAL

204-35-SA.

APPLICANT—Rhode Island Fittings Co., owner, H. L. Haven, agent.

SUBJECT—Rhode Island Fill Pipe Terminal for Fuel Oil, approval of.

APPEARANCES—

For Applicant: H. L. Haven.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(204-35-SA)

WHEREAS, Rhode Island Fittings Co., owner, filed, July 25, 1935, an application with the Board of Standards and Appeals, for approval of his device known as the "Rhode Island" fill pipe terminal for fuel oil; and

WHEREAS, this device was inspected and tested by the engineer of the board and the report of the engineer recommended the approval of the device under certain conditions.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the "Rhode Island" fill pipe terminal for fuel oil, *on condition*, that this device shall be installed in accordance with the oil burner rules of the Board of Standards and Appeals and shall comply with the following requirements:

The fill pipe terminal shall be provided with at least three (3) lugs on the outside, so that the fill pipe terminal can be imbedded in concrete or masonry to prevent the terminal from being loosened from the fill line or in lieu thereof the fill pipe terminal shall be fastened to the fill line by means of an Allen or similar set screw.

The outer flange of fill pipe terminal shall be provided with letters no less than ½-inch in height and raised 1/16 inch reading "Fuel Oil" and with the calendar number under which the fill pipe terminal was submitted for approval in smaller letters.

The fill pipe terminal shall be of cast or malleable iron with not less than ten machine-cut threads on the nipple end and with not less than seven on the seal-cap.

An oil-proof gasket shall be provided, inserted in a groove in the nipple end of the fill pipe terminal, so that it cannot readily be removed.

The entire body and seal cap of the fill pipe terminal shall be of certified malleable iron and all surfaces, including threads, shall be coated with an extra heavy coating of cadmium plating. A screen of mesh with ⅛ in. openings may be provided to safeguard against entry of foreign matter into the fill pipe.

213-35-SA.

APPLICANT—Preferred Utilities Company, Inc.

SUBJECT—Preferred Fill Pipe Terminal for Fuel Oil, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(213-35-SA)

WHEREAS, Preferred Utilities Company, Inc., owner, filed, August 7, 1935, an application with the Board of Standards and Appeals for approval of their device known as the "Preferred" fill pipe terminal for fuel oil; and

WHEREAS, this device was inspected and tested by the engineer of the board and the report of the engineer recommended the approval of the device under certain conditions.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the "Preferred" fill pipe terminal for fuel oil, *on condition*, that this device shall be installed in accordance with the oil burner rules of the Board of Standards and Appeals and shall comply with the following requirements:

An oil proof gasket shall be provided, inserted in a groove in the nipple end of the fill pipe terminal so that it cannot readily be removed.

MINUTES

The fill pipe terminal shall be provided with at least three (3) lugs on the outside, so that the fill pipe terminal can be imbedded in concrete or masonry to prevent the terminal from being loosened from the fill line or in lieu thereof the fill pipe terminal should be fastened to the fill line by means of an Allen or similar set screw.

The outer flange of fill pipe terminal shall be provided with letters not less than $\frac{1}{2}$ inch in height and raised $\frac{1}{16}$ inch, reading "Fuel Oil" and with the calendar number under which the fill pipe terminal was submitted for approval in smaller letters as shown on diagram submitted, marked Received November 13, 1935.

The entire body and seal cap of the fill pipe terminal unless the seal cap is of brass or bronze shall be coated with an extra heavy coating of cadmium plating or shall be galvanized.

The seal cap of fill pipe terminal shall be provided with at least seven threads and the fill pipe terminal shall be provided with at least 7 threads on the seal cap end and at least 10 threads on the nipple end.

A screen of mesh with $\frac{1}{4}$ inch openings may be provided to safeguard against entry of foreign matter into fill pipe.

292-35-SA.

APPLICANT—Jay H. Newbury & Son, Inc., owner.

SUBJECT—J. H. N. Fill Pipe Terminal for Fuel Oil, approval of.

APPEARANCES—

For Applicant: George C. Newbury, Louis M. Swasey.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(292-35-SA)

WHEREAS, Jay H. Newberry & Son, Inc., owners, filed,

October 22, 1935, an application with the Board of Standards and Appeals for approval of their device known as the "J. H. N." fill pipe terminal for fuel oil; and

WHEREAS, the device was inspected and tested by the engineer of the board and the report of the engineer recommended the approval of the device under certain conditions.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the "J.H.N." fill pipe terminal for fuel oil, *on condition* that this device shall be installed in accordance with the oil burner rules of the Board of Standards and Appeals and with the following requirements:

An oil-proof gasket shall be provided, inserted in a groove in the nipple end of the fill pipe terminal, so that it cannot readily be removed.

The fill pipe terminal shall be provided with at least three (3) lugs on the outside, so that the fill pipe terminal can be imbedded in concrete or masonry to prevent the terminal from being loosened from the fill line or in lieu thereof the fill pipe terminal should be fastened to the fill line by means of an Allen or similar set screw.

The outer flange of fill pipe terminal shall be provided with letters not less than $\frac{1}{2}$ inch in height and raised $\frac{1}{16}$ inch, reading "Fuel Oil" and with the calendar number under which the fill pipe terminal was submitted for approval in smaller letters.

The entire body and seal cap of the fill pipe terminal unless the seal cap is of brass or bronze shall be coated with an extra heavy coating of cadmium plating or shall be galvanized.

The seal cap of fill pipe terminal shall be provided with at least seven threads and the fill pipe terminal shall be provided with at least 7 threads on the seal cap end and at least 10 threads on the nipple end.

A screen of mesh with $\frac{1}{4}$ inch openings may be provided to safeguard against entry of foreign matter into fill pipe.

Adjourned, 4:10 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED APPLIANCES

APPROVED FUEL OIL FILL PIPE TERMINALS

Name	Calendar No.	Name	Calendar No.
J. H. N.	292-35-SA	Seal-O-Strain	48-35-SA
Newbury	223-35-SA	Sealtite	231-35-SA
Preferred	213-35-SA	Simplex	214-35-SA
Rhode Island	204-35-SA		

NOTICE

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

Plumbing, Drainage, Water Supply, Gas Piping and Ventilation of Buildings.

Adopted by the Superintendents of Buildings, Effective April 23, 1912; Amended by the Board of Standards and Appeals, July 5, 1917; December 27, 1918; March 8, 1921; October 21, 1921; July 17, 1923; January 8, 1924; May 5, 1931, and November 12, 1931.

Filings of Drawings, Descriptions, Etc.

1. Drawings and triplicate descriptions, on forms furnished by the Department of Buildings for all Plumbing and Drainage, shall be properly filled in, and filed by the owner or architect in the said Department. The plans must be drawn to scale in ink, on cloth, or they must be cloth prints of such scale drawings, and shall consist of such floor plans and sections as may be necessary to show clearly all plumbing work to be done, and must show partitions and methods of ventilating water-closet apartments.

2. The said plumbing and drainage shall not be commenced or proceeded with until said drawings and descriptions shall have been so filed and approved by the Commissioner of Buildings.

3. No modification of the approved drawings and descriptions will be permitted unless either amended drawings and triplicate descriptions, or an amendment to the original drawings and descriptions, covering the proposed change or changes, are so filed and approved by the Commissioner of Buildings.

4. The drainage and plumbing of all buildings, both public and private, shall be executed in accordance with the rules and regulations of the Department of Buildings.

5. Repairs or alterations of plumbing or drainage may be made without filing drawings and descriptions in the Department of Buildings, but such repairs or alterations shall not be construed to include cases where new vertical lines or horizontal branches of soil, waste, vent or leader pipes are proposed to be used.

6. Notice of such repairs or alterations shall be given to the said bureau before the same are commenced in such cases as shall be prescribed by the rules and regulations of the said bureau, and the work shall be done in accordance with the said rules and regulations.

7. Where repairs or alterations, ordered by the Board of Health or Tenement House Department for sanitary reasons, include cases where new vertical and horizontal lines of soil, waste, vent or leader pipes are proposed to be used or old ones replaced, drawings and descriptions must be filed with and approved by the Commissioner of Buildings before the same shall be commenced or proceeded with.

8. Repairs and alterations may comply in all respects with the weight, quality, arrangement and venting of the rest of the work in the building. Except when an existing soil, waste or vent line has been damaged by fire or other causes to the extent of 50 per cent or more of its entire length, same must be replaced by new lines installed in accordance with the rules and regulations governing new lines.

9. No plumbing and drainage or any part thereof shall be commenced until the plumber who is to do the work shall sign the specifications and make affidavit that he is duly authorized to proceed with the work. Affidavit must give the name and address of owner and plumber, etc. No registered plumber shall sign the specifications and act as the agent for a plumber who has not obtained a certificate of competency from the Examining Board of Plumbers as an Employing or Master Plumber. A violation of this rule will be deemed a sufficient reason by the Commissioner of Buildings for the cancellation of a Certificate of Registration, in accordance with Chapter 803, Laws of 1896.

10. One set of specifications will be received for not more

than ten houses, and then only when on adjoining lots and houses are exactly alike.

11. Written notices must be given to the Commissioner of Buildings by the plumber when any work is begun, and at such times as the work is ready for inspection.

Definition of Terms.

12. The term "private sewer" is applied to main sewers that are not constructed by and under the supervision of the Department of Public Works.

13. The term "house sewer" is applied to that part of the main drain or sewer extending from a point two feet outside of the outer front wall of the building, vault or area to its connection with public sewer, private sewer or cesspool.

14. The term "house drain" is applied to that part of the main horizontal drain and its branches inside the walls of the building, vault or area and extending to and connecting with the house sewer.

15. The term "soil line" is applied to any vertical line of pipe having outlets above the floor of first story for water closet connections.

16. The term "waste line" is applied to any vertical line of pipe having outlets above the first floor for fixtures other than water closet.

17. The term "vent pipe" is applied to any special pipe provided to ventilate the system of piping and to prevent trap siphonage and back pressure.

Materials and Workmanship.

18. All materials must be of the best quality, free from defects, and all work must be executed in a thorough, workmanlike manner.

19. All cast-iron pipes and fittings must be uncoated, sound, cylindrical and smooth, free from cracks, and holes and other defects, and of uniform thickness.

20. Pipe, including the hub, shall weigh not less than the following average weights per linear foot:

Diameters	Weights per Linear Foot	
	Standard	Extra Heavy
2 inches.....	3 3/5	5 1/2 pounds
3 inches.....	5 1/5	9 1/2 pounds
4 inches.....	7	13 pounds
5 inches.....	9	17 pounds
6 inches.....	11	20 pounds
7 inches.....	14	27 pounds
8 inches.....	17	33 1/2 pounds
10 inches.....	23	45 pounds
12 inches.....	33	54 pounds

Standard pipe may be used above ground in residence buildings not exceeding two stories and basement in height. In all other buildings extra heavy pipe shall be used.

21. The size, weight and maker's name must be cast on each length of pipe.

22. All joints must be made with picked oakum and molten lead and be made gas tight. Twelve ounces of fine, soft pig lead must be used at each joint for each inch in the diameter of the pipe when extra heavy pipe is used, and nine ounces when standard pipe is installed.

23. All wrought iron and steel pipes must be equal in quality to "standard" and must be properly tested by the manufacturer. All pipe must be lap-welded. No plain black or uncoated pipe will be permitted.

24. All wrought iron or steel water supply, vent, waste and soil pipes must be galvanized.

RULES

25. Where galvanized wrought iron or steel pipe is required the fittings used on same must also be galvanized.

26. Fittings for waste or soil and refrigerator waste pipes must be cast-iron recessed and threaded drainage fittings, with smooth interior waterway, and threads tapped, so as to give a uniform grade to branches of not less than one-fourth of an inch per foot.

27. Short nipples on wrought iron or steel pipe, where the unthreaded part of the pipe is less than one and one-half inches long, must be of the thickness and weight to correspond to weight of pipe.

28. The pipe shall not be less than the following average thickness and weight per linear foot:

Diameters	Thicknesses	Weights per Linear Foot
1½ inches.....	.14 inches	2.68 pounds
2 inches.....	.15 inches	3.61 pounds
2½ inches.....	.20 inches	5.74 pounds
3 inches.....	.21 inches	7.54 pounds
3½ inches.....	.22 inches	9.00 pounds
4 inches.....	.23 inches	10.66 pounds
4½ inches.....	.24 inches	12.34 pounds
5 inches.....	.25 inches	14.50 pounds
6 inches.....	.28 inches	18.76 pounds
7 inches.....	.30 inches	23.27 pounds
8 inches.....	.32 inches	28.18 pounds
9 inches.....	.34 inches	33.70 pounds
10 inches.....	.36 inches	40.06 pounds
11 inches.....	.37 inches	45.02 pounds
12 inches.....	.37 inches	48.98 pounds

29. All brass pipe for soil, waste and vent pipes and solder nipples must be thoroughly annealed, drawn, brass tubing, of standard iron-pipe gauge.

30. Connections on brass pipe and between brass pipe and traps on iron pipe must not be made with slip joints or couplings. Threaded connections on brass pipe must be of the same size as iron pipe thread for same size of pipe and be tapered.

31. The following average thicknesses and weights per linear foot will be required:

Diameters	Thicknesses	Weights per Linear Foot
1½ inches.....	.14 inches	2.84 pounds
2 inches.....	.15 inches	3.82 pounds
2½ inches.....	.20 inches	6.08 pounds
3 inches.....	.21 inches	7.92 pounds
3½ inches.....	.22 inches	9.54 pounds
4 inches.....	.23 inches	11.29 pounds
4½ inches.....	.24 inches	13.08 pounds
5 inches.....	.25 inches	15.37 pounds
6 inches.....	.28 inches	19.88 pounds

32. Where light or heavy pipe is used, brass ferrules must be of best quality cast brass, not less than 4 inches long and 2 inches and 3 inches and 4 inches in inside diameter and not less than the following weights:

Diameters	Weights	
2 inches.....	1 pound	0 ounces
3 inches.....	1 pound	12 ounces
4 inches.....	2 pounds	8 ounces

33. One and one-half inch ferrules are not permitted.

34. Soldering nipples must be heavy cast brass or of brass pipe, iron pipe-size. When cast they must not be less than the following weights:

Diameters	Weights	
1½ inches.....	0 pound	8 ounces
2 inches.....	0 pound	14 ounces
2½ inches.....	1 pound	6 ounces
3 inches.....	2 pounds	0 ounces
4 inches.....	3 pounds	8 ounces

35. Brass screw caps for cleanouts must be extra heavy, not less than one-eighth of an inch thick. The screw cap must have a solid square or hexagonal nut, not less than one inch high, with a least diameter of one and one-half inches. The body of the cleanout ferrule must be at least equal in weight and thickness to the caulking ferrule for the same size of pipe.

36. Where cleanouts are required by rules and by the approved plans, the screw cap must be of brass. The engaging part must have not less than six threads of iron-pipe size and be tapered. Cleanouts must be of full size of trap up to four inches in diameter, and not less than four inches for larger traps.

37. The use of lead pipes is restricted to the short branches of the soil and waste pipes, bends and traps, roof connections of inside leaders.

"Short branches" of lead pipe shall be construed to mean not more than:

8 feet of.....	1½ inch pipe
5 feet of.....	2 inch pipe
2 feet of.....	3 inch pipe
2 feet of.....	4 inch pipe

38. All connections between lead pipes and between lead and brass or copper pipes must be made by means of "wiped" solder joint.

39. All lead waste, soil, vent and flush pipes must be of the best quality, known in commerce as "D," and of not less than the following weights per linear foot:

Diameters	Weights per Linear Foot
1¼ inch (for flush pipes only).....	2½ pounds
1½ inches.....	3 pounds
2 inches.....	4 pounds
3 inches.....	6 pounds
4 and 4½ inches.....	8 pounds

40. All lead traps and bends must be of the same weights and thicknesses as their corresponding pipe branches. Sheet lead for roof flashings must be six-pound lead, and must extend not less than six inches from the pipe, and the joint made watertight.

41. Copper tubing, when used for inside leader roof connections, must be seamless drawn tubing, not less than 22 gauge, and when used for roof flashings must be not less than 18 gauge.

General Regulations.

42. Each building must be separately and independently connected with a public or private sewer, or cesspool, except where a building is located on the rear of the same lot with another building, when its plumbing and drainage system may be connected to the house-drain of the front build-

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ing behind the house trap and fresh air inlet which shall be used for both buildings if sewer connected; or may be connected to an existing cesspool of front house and be provided with a separate house trap and fresh air inlet.

43. Every building must have its sewer connections directly in front of the building, unless permission is otherwise granted by the Commissioner of Buildings.

44. Where there is no sewer in the street or avenue, and it is possible to construct a private sewer to connect in an adjacent street or avenue, a private sewer may be constructed, to be used in common for one or more buildings. It must be laid outside the curb under the roadway.

45. Cesspool and privy vaults will be permitted only after it has been shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary.

46. When allowed, they must be constructed strictly in accordance with the terms of the permit issued by the Commissioner of Buildings.

47. Cesspools must not be used as privy vaults nor can privy vaults be used as cesspools. Cesspool and privy vaults must be located at least 15 feet from any building and on the same lot as building for which their use is intended. Walls of cesspools and privy vaults when constructed of brick must be 8 inches thick; if of stone, 18 inches thick. Bottoms of cesspools and privy vaults must be of stone concrete 6 inches thick. The entire interior surface of cesspools and privy vaults must be finished with a coating of Portland cement mortar 1 inch thick.

48. As soon as it is possible to connect with a public sewer, the owner must have the cesspool and privy vault emptied, cleaned and disinfected and filled with fresh earth, and have a sewer connection made in the manner herewith prescribed.

49. All pipe lines must be supported at the base on brick piers, or by heavy iron hangers from the cellar ceiling-beams, and along the line by heavy iron hangers at intervals of not more than ten feet.

50. All pipes, issuing from extensions or elsewhere, which would otherwise open within 20 feet of the window of any building, must be extended above the top of any window located within such distance. When a building exceeds in height that of an adjoining building, and windows or openings are cut in the wall on the lot line within 20 feet of the roof terminal of any soil, waste or vent line now in place or subsequently installed in the lower building, the owner of the higher building shall defray the expense of extending said soil, waste or vent lines above the roof of the higher building, or shall himself make such alteration.

51. The arrangement of all pipes must be as straight and direct as possible. Offsets will be permitted only when unavoidable.

52. All pipes and traps should, where possible, be exposed to view. They should always be readily accessible for inspection and repairing.

53. In every building where there is a leader connected to the drain, if there are any plumbing fixtures, there must be at least one four (4) inch pipe extending above the roof for ventilation.

Yard, Area and Other Drains.

54. All yards, areas and courts exceeding 15 square feet in area must be drained into the sewer. A shaft open at the top not exceeding 25 square feet in area, and which cannot be connected in back of a leader, yard, court or area drain trap, may be drained into a publicly-placed, water-supplied, properly-trapped and vented slop sink.

55. These drains, when sewer-connected, must have con-

nections not less than three inches in diameter. They should be controlled by one trap—the leader trap, if possible.

56. Floor drains will only be permitted when it can be shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary and arrangements made to maintain a permanent water seal in the traps.

57. Cellar drains may be connected in back of and controlled by a leader, yard, court or area drain trap which need not be vented.

58. Subsoil drains should discharge into a sump or receiving tank, the contents of which if discharged by gravity may be discharged into a rain leader, yard, court or area drain behind the trap controlling same or may be discharged through a properly-trapped and vented, water-supplied receptacle. Where mechanical force is required to discharge the contents into the plumbing and drainage system, a proper automatic cut-off or check valve must be provided on the connection between house-drain and apparatus used for raising the contents of sump-pit.

59. The contents of settling chamber or dust receptacle for vacuum cleaners may be discharged into a Plumbing and Drainage system, the same as sub-soil drain sump-pits.

Leaders.

60. Every building shall be kept provided with proper metallic gutters and rain leaders for conducting water from all roofs in such manner as shall protect the walls and foundations from injury. In no case shall the water from any rain leader be allowed to flow upon the sidewalk or adjoining property, but the same shall be conducted by proper pipes to the sewer. If there be no sewer in the street upon which the building fronts, then the water from said leaders may be conducted by proper pipes laid below the surface of sidewalk to the street gutter, or may be conducted by extra heavy cast-iron pipe to a leeching cesspool located at least 20 feet from any building. No plumbing fixtures shall discharge into a leeching cesspool.

61. Inside leaders must be made of cast-iron, wrought iron or steel, with roof connections made gas and water tight by means of a heavy lead or copper-drawn tubing wiped to a brass ferrule or nipple caulked or screwed into the pipe.

62. Outside leads may be made of sheet metal, but they must connect with the house drain by means of a cast-iron pipe extending vertically five feet above the grade level.

63. Leaders must be trapped with cast-iron running traps so placed as to prevent freezing.

64. Rain-water leaders must not be used as soil, waste or vent pipes, nor shall any such pipe be used as a leader.

The House Sewer, House Drain, House Trap and Fresh Air Inlet.

65. Old house sewers may be used in connection with new buildings or new plumbing only when they are found, on examination by the plumbing inspector, to conform in all respects to the requirements governing new sewers.

66. When a proper foundation consisting of a natural bed of earth, rock, etc., can be obtained, the house sewer can be of earthenware pipe.

67. Where the ground is made or filled in, or where the pipes are, less than three feet deep, or in any case where there is danger of settlement by frost or from any cause, and when cesspools are used, the house sewer must be of extra heavy cast-iron pipe, with lead-caulked joints.

68. No earthenware house-drain, when found in a leaky or defective condition, shall be repaired or replaced except with heavy cast-iron pipe.

69. The house-drain and its branches must be of extra heavy cast iron when under ground, and of extra heavy

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cast iron or galvanized wrought iron or steel when above ground, except as provided in Rule 20 of these rules.

70. The house drain must properly connect with the house sewer at a point two feet outside of the outer front vault or area wall of the building. An arched or other proper opening must be provided for the drain in the wall to prevent damage by settlement.

71. The house drain if above the cellar floor must be supported at intervals of ten feet by eight-inch brick piers or suspended from the floor beams, or be otherwise properly supported by proper hangers placed not more than 10 feet apart.

72. No steam-exhaust, boiler blow-off or drip-pipe shall be connected with the house-drain. Such pipes must first discharge into a proper condensing tank, and from this a proper outlet to the house sewer outside of the building must be provided. In low pressure steam systems the condensing tank may be omitted, but the waste connections must be otherwise as above required.

73. The house-drain and house-sewer must be run as direct as possible, with a fall of at least one-quarter inch per foot, all changes in direction made with proper fittings, and all connections made with Y branches and one-eighth and one-sixteenth bends.

74. The house-sewer and house-drain must be at least four inches in diameter when receiving the discharge of a water-closet. Where rain leaders are connected to the plumbing system, the sizes of house-sewer, house-drain and leader connections shall be computed according to the square feet of area drained into them. No house-sewer or house-drain shall be of less diameter than the largest line of pipe connected thereon. The following table is the maximum area allowed to drain into pipes of given diameter:

Diameter of Pipe	Fall ¼ Inch per Foot	Fall ½ Inch per Foot
3.....	1,200 square feet	1,500 square feet
4.....	2,500 square feet	3,200 square feet
5.....	4,500 square feet	6,000 square feet
6.....	8,000 square feet	10,000 square feet
7.....	12,400 square feet	15,600 square feet
8.....	18,000 square feet	22,500 square feet
9.....	25,000 square feet	31,500 square feet
10.....	41,000 square feet	59,000 square feet
12.....	69,000 square feet	98,000 square feet

75. Full size Y and T branch fittings for handhole cleanouts must be provided where required on house-drain and its branches. No cleanout need be larger than 6 inches in diameter.

76. An iron running trap must be placed in the house-drain near the front wall of the house, and on the sewer side of all connections, except a Y fitting used to receive the discharge from an automatic sewage lift, oil separator, or a drip-pipe where one is used. If placed outside of the house or below the cellar floor, it must be made accessible in a brick manhole, the walls of which must be eight inches thick, with an iron or flagstone cover. When outside the house it must never be less than three feet below the surface of the ground.

77. When the plumbing system of any building is altered by the addition of a new soil, waste or vent line to the extent of 50 per cent. or more, and no house trap and fresh air inlet or leader trap exists on the house-drain, same shall be provided.

78. The house trap must have two cleanouts, with brass screw cap ferrules caulked in.

79. A fresh-air inlet pipe must be connected with the house-drain just inside of the house trap and extended to the outer air, terminating with open end at least one foot

above the grade at most available point to be approved by the Commissioner of Buildings and shown on plans. The fresh-air inlet pipe shall be one-half the diameter of house-drain but not less than 4 inches in diameter.

80. No curb box or similar device with grating placed in sidewalk will be permitted for fresh air inlets.

Soil and Waste Lines.

81. All main, soil, waste or vent pipes must be of iron, steel or brass.

82. When they receive the discharge of fixtures on any floor above the first, they must be extended in full calibre at least one foot above the roof coping, and well away from all shafts, windows, chimneys or other ventilating openings. When less than four inches in diameter, they must be enlarged to four inches at a point not less than one foot below the roof surface by an increaser not less than nine (9) inches long.

83. No caps, cowls or bends shall be affixed to the top of such stack.

84. In all buildings, wire baskets must be securely fastened into the opening of each pipe in an accessible position. When roofs are used for drying purposes or roof gardens, all pipes shall be extended to a height of seven feet.

85. Necessary offsets above the highest branch must not be made at an angle of less than forty-five degrees to the horizontal.

86. Soil and waste pipes must have proper Y or TY branches for all fixture connections.

87. No connection to lead branches for water-closets or slop sinks will be permitted, except the required branch vent.

88. Branch soil and waste pipe must have a fall of at least one-quarter inch per foot.

89. Short TY branches will be permitted on vertical lines only. Long one-quarter bends and long TY's are permitted. Short one-quarter bends and double hubs, short roof increasers and common offsets, and bands and saddles are prohibited.

90. The diameters of soil and waste pipes must not be less than those given in the following table:

Main soil stacks in buildings serving not more than two sets of fixtures in four or less stories	4	inches
Main soil stacks in residence buildings serving not more than two sets of fixtures in five or six stories.....	4	inches
Main soil stacks in all other cases.....	5	inches
Branch soil pipes for not more than four water-closets	3	inches
Branch soil pipes for more than four water-closets	4	inches
Main waste stacks.....	2	inches
Main waste stacks for kitchen sinks on six or more floors.....	3	inches
Branch waste pipes for slop sinks.....	3	inches
Branch waste pipes for laundry tubs.....	1½	inches
When set in ranges of three.....	2	inches
Branch waste for kitchen sinks.....	2	inches
Branch waste for urinals.....	2	inches
Branch waste for other fixtures.....	1½	inches

A set of fixtures, as used in this rule, shall include not more than one water-closet, one bath tub, one wash basin, one sink and two laundry trays.

Vent Pipes.

91. All traps, except approved anti-syphon traps connected to main waste or soil lines or to the house drain

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by branch piping not over seven (7) feet in length with a fall not exceeding two (2) inches per foot, shall be protected from siphonage and back-pressure by special lines of vent pipes; provided that where approved deep-seal siphon-pet water closet or slop sink fixtures are installed with branch piping not over five (5) feet in length from fixture to main soil or waste line, the vent pipe may be omitted for such fixtures in buildings not over eight (8) stories in height, and where the main soil or waste line is made one inch larger in diameter than required by these rules, the vent pipe may also be omitted for such fixtures in buildings over eight (8) stories in height.

92. All vent pipe lines and main branches must be of iron, steel or brass. They must be increased in diameter and extended above the roof as required for waste pipes. They may be connected with the adjoining soil or waste line well above the highest fixture, but this will not be permitted when there are fixtures on more than six floors.

93. All offsets must be made at an angle of not less than forty-five degrees to the horizontal, and all lines must be connected at the bottom with a soil or waste pipe or the drain in such a manner as to prevent the accumulation of rust scale.

94. Branch vent pipes shall be kept above the top of all connecting fixtures, so as to prevent the use of vent pipes as soil pipes or waste pipes. Branch vent pipes should be connected not less than six inches nor more than two feet from crown of trap or side of lead bend.

95. Except where "yoke type" ventilation is installed, vent connection for water-closets and slop sinks must be made from the branch soil or waste pipe just below the trap of the fixture, and the branch vent pipe must be so connected as to prevent obstruction, and no waste pipe connected between it and the fixture. Earthenware traps must have no vent horns.

"Yoke type" ventilation shall be taken to mean a cross connection, by means of a horizontal branch soil or waste pipe, between the main soil or waste line and the vent line, and in which the connection between the branch pipe and the vent line is made at least six (6) inches above the line of fixtures discharging into such branch pipe.

96. No sheet metal, brick or other flue shall be used as a vent pipe.

97. The sizes of vent pipes throughout must not be less than the following:

For main vents, two inches in diameter; for water-closets on three or more floors, three inches in diameter; for other fixtures on less than seven floors, two inches in diameter; three-inch vent pipe will be permitted for less than nine stories; for more than eight and less than sixteen stories, four inches in diameter; for more than fifteen and less than twenty-two stories, five inches in diameter; for more than twenty-one stories the size of the vent pipe shall be determined by the Commissioner of Buildings.

For fixtures other than water-closets and slop sinks and for more than eight stories, vent pipes may be one inch smaller in diameter than above stated.

For long branch vent pipes over 10 feet in length but not exceeding 25 feet, two inches in diameter; when over 25 feet in length but not exceeding 50 feet, three inches in diameter. No branch vent pipe can exceed 50 feet in length, nor can any main vent be of less diameter than the largest branch vent connecting to same.

98. When the plumbing fixtures installed in any building are arranged in groups of batteries, "yoke type" ventilation may be installed, provided that for batteries of water-closets each fixture shall be set not more than two (2) feet distant from the horizontal branch soil pipe into which it discharges, and for batteries of fixtures other than water-

closets each fixture shall be so located that its trap will be not more than two (2) feet distant from the horizontal branch waste line into which it discharges. When the ordinary type of venting is installed and the number of branch or back vents from the traps of fixtures connecting to any main branch vent exceeds the number and size given in the following table, a 3-inch main branch vent must be provided for the additional vent connections.

2-1½ inch branches on a 1½ inch main branch.	
4-2 inch branches on a 2 inch main branch.	
7-1½ inch branches on a 2 inch main branch.	
2-2 } inch branches on a 2 inch main branch.	
4-1½ } inch branches on a 2 inch main branch.	
1-2 } inch branches on a 2 inch main branch.	
5-1½ } inch branches on a 2 inch main branch.	

Traps.

99. No form of trap will be permitted to be used unless it has been approved by the Commissioner of Buildings or the Board of Standards and Appeals.

No anti-siphon trap or deep-seal siphon-jet fixture shall be approved until it has successfully passed such test as may be prescribed by the Board of Standards and Appeals.

100. No masons' cesspool, bell, pot, bottle or D-trap will be permitted, nor any form of trap that is not self-cleaning, nor that has interior chamber or mechanism, nor any trap except earthenware ones that depend upon interior partitions for a seal. Backwater or tide valves will only be permitted when it can be shown to the satisfaction of the Commissioner of Buildings that their use is absolutely necessary and of a type as approved by him.

101. Every fixture must be separately trapped by a water-sealing trap placed as close to the fixture outlet as possible, and no trap shall be placed more than 2 feet 0 inches from any fixture.

102. A set of not more than three wash trays may connect with a single trap, or into the trap of an adjoining sink, provided both sink and tub waste outlets are on the same side of the waste line, and the sink is nearest the line. When so connected, the waste pipe from the wash trays must be branched in below the water-seal.

103. The discharge from any fixture must not pass through more than one trap before reaching the house-drain.

104. All traps must be well supported and set true with respect to their water levels.

105. All fixtures, other than water-closets and urinals, must have strong metallic strainers or bars over the outlets to prevent obstruction of the waste pipe.

106. All exposed or accessible traps, except water-closet traps, must have brass trap screws for cleaning the trap placed on the inlet side, or below the water level.

107. All iron traps for house-drain, yard and other drains and leaders must be running traps with handhole cleanouts of full size of the traps, when same are less than five (5) inches. All traps under ground must be made accessible by brick manholes with proper covers.

108. Overflow pipes from fixtures must in all cases be connected on the inlet side of traps.

109. All earthenware traps must have approved heavy brass floor plates properly secured to the branch soil pipe and bolted to the trap flange, and the joint made gas-tight. The use of rubber washers for floor connections is prohibited. All floor flanges must be set in place and inspected before any water-closet is set thereon.

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110. No trap shall be placed at the foot of main soil and waste pipe lines.

111. Every plunge bath shall be provided with a trap at least four inches in diameter, the waste from trap to bath to be reduced to two inches in diameter and this waste to be controlled by a gate valve. Overflow pipes, if provided, must be connected on inlet side of trap. Except where an approved anti-siphon trap is installed in the manner specified in Rule 91, such trap must be ventilated by a separate vent line extended above the roof, of the same size as trap and water connection.

112. The sizes for traps must not be less than those given in the following table:

Traps for water-closets.....	4	inches in diameter
Traps for slop sinks.....	3	inches in diameter
Traps for kitchen sinks.....	2	inches in diameter
Traps for wash trays.....	2	inches in diameter
Traps for urinals.....	2	inches in diameter
Traps for shower-baths.....	2	inches in diameter
Traps for other fixtures.....	1½	inches in diameter

Traps for leaders, area, floor and other drains must be at least 3 inches in diameter.

113. Every dental cuspidor must be separately trapped by a trap of at least one and one-half (1½) inches in diameter, which shall be vented except where an approved anti-siphon trap is installed in the manner specified in Rule 91, and placed as close to the fixture as possible. The connection between trap and cuspidor may be three-quarters (¾) of an inch in diameter.

114. No plumbing fixtures, except bar sinks, soda fountains or drinking fountains, shall be installed with an indirect waste connection to the plumbing and drainage system. The waste of every bar sink, soda fountain and drinking fountain, if not directly connected, must discharge over a properly water-supplied, trapped sink, with trap vented, unless an approved anti-siphon trap is installed in the manner specified in Rule 91. The main waste lines shall be two (2) inches in diameter, and the branches to fixtures at least one and one-half (1½) inches in diameter. Drinking fountains must be trapped and the waste line extended through the roof. No vent connections need be provided.

Safe and Refrigerator Waste Pipes.

115. Safe and refrigerator waste pipes must be of galvanized iron, and be not less than 1¼ inches in diameter nor larger than 1½ inches in diameter with pipe branches at least 1 inch in diameter with strainers over each inlet.

116. Safe and refrigerator waste pipes shall not be trapped. They must discharge over a properly water-supplied, trapped sink, with trap vented unless an approved anti-siphon trap is installed in the manner specified in Rule 91, such sink to be publicly placed, and not more than 4 feet above the floor. In no case shall any refrigerator or safe waste pipe discharge over a sink located in a room used for living purposes.

117. The branches on vertical lines must be made by Y or TY fittings and carried up to the safe with as much pitch as possible.

118. Lead safes must be graded and neatly turned over bevel strips at their edges.

119. Where there is an offset on a refrigerator waste pipe in the cellar, there must be cleanouts to control the horizontal part of the pipe.

120. In all lodgings and tenement houses the safe and refrigerator waste pipes must extend above the roof.

Water Closets, Sinks and Washtubs.

(Good except as relating to tenement houses and factories.)

121. In all buildings occupied as stores, dwellings, lodging or boarding houses, hotels, offices, lofts, workshops, factories or storage houses, there must be at least one water-closet in each building. There must be sufficient water-closets so that there will never be more than fifteen persons to each water-closet. In places of public assembly, the number of toilets and the most available location are to be determined by the Commissioner of Buildings.

122. Separate water-closets and toilet rooms must be provided for each sex in buildings used as workshops, lofts, office buildings, factories, hotels, and all places of public assembly.

123. In lodging houses, there must be one water-closet on each floor, and where there are more than fifteen persons on any floor there must be an additional water-closet on that floor for every fifteen additional persons or fraction thereof.

124. In tenement houses, lodging houses, factories, workshops, and all public buildings, the entire water-closet apartment, and side walls to a height of six inches from the floor, except at the door, must be made waterproof with asphalt, cement, tile, metal or other waterproof material as approved by the Commissioner of Buildings.

125. In all buildings, the water-closet and urinal apartments must be ventilated to the outer air by windows opening on the same lot upon which the building is situated or by a ventilating skylight placed over each room or apartment wherein such fixtures are located.

126. In all buildings, the outside partition of any water-closet or urinal apartment must be air-tight and extend to the ceiling or be independently ceiled over. When necessary to properly light such apartments, the upper part of the partitions must be provided with translucent glass. The interior partitions of such apartments must be dwarfed partitions.

127. The general water-closet accommodation of any building cannot be placed in the cellar, nor can any water-closet be placed outside of a building except to replace an existing water-closet.

128. In alteration work where it is not practicable to ventilate a water-closet or urinal apartment by windows or a skylight directly to the outer air, there may be provided a galvanized wrought iron vent duct extended to the outer air which must be equal in area to at least 144 inches for one water-closet or urinal, and an additional 72 square inches for each water closet added therein.

129. Where water-closets will not support a rim-seat, the seat must be supported on galvanized iron legs.

130. Every earthenware water-closet with connection through the floor in all new work, and in all alterations, must be set on an approved floor slab of porcelain, slate or other material impervious to moisture, same to be not less in size than the base of the water-closet set thereon.

131. All water-closets must have earthenware flushing rim bowls. They must be set entirely free and open from all enclosing woodwork.

132. Pan, plunger, offset-washout and washout, or other water-closets having an unventilated space, or the walls of which are not thoroughly washed out at each discharge, will not be permitted.

133. Long hopper water-closets will not be permitted, except earthenware hoppers where there is an exposure to frost.

134. Drip trays on water-closets will not be permitted.

135. Water-closets and urinals must never be connected directly with or flushed from the water-supply pipes, except when flushometer valves are used.

136. Each water-closet and urinal must be flushed from a separate cistern, the water from which is used for no other purpose, or may be flushed through flushometer valves.

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137. Where "Flushometers" are used, they must be supplied from tank pressure, unless otherwise permitted by the Commissioner of Buildings; the rising lines shall be at least one and one-half inches in diameter, and the main branches shall be at least one and one-quarter inches in diameter, with individual branches not less than one inch in diameter, for water-closets and not less than one-half inch in diameter for urinals. Individual branches shall not exceed twelve inches in length.

138. The overflow of cisterns may discharge into the bowl of the closet, but in no case connect with any part of the drainage system.

139. Iron water-closet and urinal cisterns and automatic water-closet and urinal cisterns are prohibited, unless approved by the Commissioner of Buildings.

140. The copper lining of water-closet and urinal cisterns must not be lighter than ten (10) ounce copper.

141. Water-closet flush pipes must not be less than one and one-fourth inches and urinal flush pipes one (1) inch in diameter, and if of lead must not weigh less than two and one-half pounds and two pounds per linear foot. Flush couplings must be of full size of the pipe.

142. Rubber connections and elbows are not permitted on flush pipes.

143. Latrines, trough water-closets and similar appliances may be used only on written permit from the Commissioner of Buildings, and must be set and arranged as may be required by the terms of the permit.

144. All urinals must be constructed of materials impervious to moisture, and that will not corrode under the action of urine. The floor and wall of the urinal apartments must be lined with similar non-absorbent and non-corrosive material.

145. The platforms of treads of urinal stalls must never be connected independently to the plumbing system, nor can they be connected to any safe waste pipe.

146. Iron trough water-closets and trough urinals must be enameled or galvanized.

147. In all houses, sinks must be entirely open, on iron legs or brackets without any inclosing woodwork.

148. Wooden wash tubs are prohibited, except when used in hotels, restaurants or bottling establishments for washing dishes or bottles. Cement or artificial stone tubs will not be permitted unless approved by the Commissioner of Buildings.

Water Supply for Fixtures.

149. All water-closets and other plumbing fixtures must be provided with a sufficient supply of water for flushing to keep them in a proper and cleanly condition.

Flush tanks must have a capacity of eight gallons for water-closets and five gallons for urinals.

150. House service pipes must be connected to the street mains by means of taps, and a stop-cock or valve placed under the sidewalk at the curb, in compliance with the rules and under the supervision of the Department of Water Supply, Gas and Electricity.

151. A separate stop or valve must be placed upon the service pipe inside the front wall.

152. The diameters of street service pipes must not be less than three-quarter inch for dwellings and tenements occupied by six families or less; one inch for tenements and one and one-half inch for hotels, factories and other miscellaneous buildings, provided that in no case can the diameter of the service pipes be less than the diameter of the tap installed under the supervision of the Department of Water Supply, Gas and Electricity.

Riser Lines.

153. The diameter of all riser lines in plumbing systems shall be not less than three-quarters ($\frac{3}{4}$) inches; except that when lead or brass pipe is used, the minimum diameter may be one-half ($\frac{1}{2}$) inch.

Separate stop-cocks or valves, so located as to be accessible at all times, shall be placed at the foot of each riser line and, in all buildings other than residence buildings occupied exclusively by one or two families or having not more than fifteen sleeping rooms, on each branch line from the riser for each isolated fixture or each group of fixtures, such as bathroom fixtures, kitchen fixtures, etc.; except that only one stop cock or valve shall be required for the fixtures contained in any one apartment, suite, store or loft occupied by one tenant when all the fixtures contained in each such apartment, suite, store or loft are supplied from one branch line.

154. Diameters of branches to any fixtures must not be less than one-half inch, except when used to supply water-closets, cisterns or lavatories. When the material used is lead or brass pipe, the minimum diameter may be three-eighths inch. Branches for flush valves for water-closets must not be less than one and one-quarter inch in diameter and for urinals not less than three-quarters of an inch in diameter.

155. Where a hot water supply system is installed, the distance between the hot and cold water risers should not be less than six inches. Where it is impossible to place them six inches or more apart, the hot water riser must be covered with an approved insulating material and a method of circulation provided that will insure a prompt delivery of hot water at the faucet when required.

All hot water systems in buildings of more than four stories in height shall be of an approved circulating type. In buildings of four stories or less where the developed length of hot water piping exceeds 100 feet from the boiler to the fixture, an approved circulating system shall be installed.

(In connection with this amendment adopted November 12, 1931, all present installations where complying with the current rules may be maintained until April 1, 1933, with the proviso that should the Commissioner of the Department of Water Supply, Gas and Electricity deem an emergency exists the rule shall become effective on thirty days' notice of such emergency to the Commissioner of Buildings).

156. All risers and branches must be properly fastened.

157. When the water pressure is not sufficient to supply freely and continuously all fixtures, a house supply tank must be provided of sufficient size to afford an ample supply of water to all fixtures at all times. Such tanks must be supplied from the pressure or by power pumps, as may be necessary; when from the pressure, ball cocks must be provided.

158. House supply tanks must be metal-covered so as to exclude dust and so located as to prevent water contamination by gas and odors from plumbing fixtures.

159. House supply tanks must be of wood or iron, or of wood lined with tinned and planished copper.

160. House tanks must be supported on iron beams.

161. The overflow pipe should discharge upon the roof, where possible, and in such cases should be brought down to within six (6) inches of the roof, or it must be trapped and discharged over an open and water-supplied sink not in the same room, nor over three and one-half feet above the floor. In no case shall the overflow be connected with any part of the plumbing system.

162. Emptying pipes for such tanks must be provided and be discharged in the manner required for overflow pipes, and may be branched into overflow pipes. Emptying pipes for tanks containing more than five hundred (500) gallons must be four (4) inches in diameter and provided with a valve of same size fitted with a wheel or lever handle.

163. Acid wastes must be "B" lead pipe or earthen pipe; if of lead pipe they must be at least two inches in diameter, and if of earthen pipe at least three inches in diameter and continued down to the lower story of building and

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so arranged as to discharge into a lime box and diluting sink properly trapped and vented and connected inside of house trap. If the lime box and diluting sink are not used the acid waste must be extended to an earthen house sewer or separately and independently connected to a public or private sewer in street and provided with an accessible running trap located just inside of front wall of building. All branches and joints on lead acid wastes must be made by means of burnt lead joints. If earthenware pipe is used, vertical joints must be made with a mixture of asphaltum and cement. Each length of pipe on vertical runs and on horizontal runs when above the cellar floor must be supported at each hub by proper supports. All floor drains and fixture connections must be trapped and run as direct as possible.

Sewage Lifts.

164. When it is necessary to use a sump system and sewage lift to receive the discharge from the waste or soil connection to fixtures, same shall be arranged to be accessible. If discharged with compressed air it shall be connected to the house drain on the sewer side of all leader or area drain traps and fixture connections or may be connected to house drain on the sewer side of house trap. A separate trap and fresh air inlet must be provided on the inlet side of sump and a 4-inch pipe line continued from drain discharging into sump up to and above roof, for purposes of ventilation. Relief pipes must be provided on sewage receptacles of sumps. Traps of fixtures connected to sump systems must not be vented to vent lines which are used to ventilate traps of fixtures on gravity system. Sump systems should be entirely separate both as to discharge and venting from rest of plumbing system in buildings.

Oil Separators.

165. Oil separators installed in any building where volatile fluids are used must be arranged to be readily accessible. They must not receive the discharge of any water-closet, rain leader, yard, court or area drain.

166. They must, if discharged by gravity, be connected by a Y branch fitting to the house drain behind the house trap in such a manner that they will not interfere with the house drain and the rest of the plumbing and drainage system. When mechanical force is used to discharge the contents, the connection must be made by a Y branch fitting on the sewer side of house trap.

167. No separate running trap need be provided on the drain entering oil separators, but a separate fresh air inlet and vent line must be provided to keep the system of drainage controlled by the oil separator entirely separate from the rest of plumbing and drainage system.

168. The size of fresh air inlet shall be determined by the size of inlet connection to oil separator, which shall be considered the same as the term house-drain for determining the size of all fresh air inlets, which shall conform to the same requirements as regards size and arrangement of terminals for fresh air inlets as called for in regulations.

169. Vent lines shall conform in all respects to vent lines for plumbing fixtures as regards size and arrangement.

170. Relief pipes must be provided at least 1½ inches in diameter. They may be connected to a vent line when installed as a separate system or must be carried independently above the roof.

Testing the Plumbing System.

171. The entire plumbing and drainage system within the building must be tested by the plumber, in the presence of a Plumbing Inspector, under a water test. All pipes must remain uncovered in every part until they have successfully passed the test. The plumber must securely close all openings, as directed by the Inspector of Plumbing. The use of wooden plugs for this purpose is prohibited.

172. The water test will be applied by closing the lower end of the main house drain and filling the pipes to the highest opening above the roof with water. The water test shall include at one time the house drain and branches, all vertical and horizontal soil, waste and vent and leader lines and all branches therefrom to a point above the surface of the finished floor and beyond the finished face of walls and partitions. If the drain or any part of the system is to be tested separately, there must be a head of water at least six (6) feet above all parts of the work so tested, and special provision must be made for including all joints and connections in at least one test.

173. After the completion of the plumbing work in any new or altered building and before the building is occupied, a final smoke test must be applied in the presence of a Plumbing Inspector. Except that for a building not over six stories in height, a peppermint test may be applied.

174. The material and labor for the test must be furnished by the plumber. When the peppermint test is used, two ounces of oil of peppermint must be provided for each line up to five stories and cellar in height and an additional ounce of oil of peppermint must be provided for each line when lines are more than five stories in height.

Plumbing in Tenement Houses.

175. All sections or parts of sections of the tenement house law relating to plumbing and drainage of tenement houses are to be observed, and are hereby made a part of these rules and regulations.

Gas Piping and Fixtures.

176. Hereafter the gas piping and fixtures in all new buildings and all alterations and extensions made to the gas piping or fixtures in old buildings must be done in accordance with the following rules, which are made in accordance with the provisions of section 89 of the Building Code.

For additional requirements of public buildings, theatres and places of assemblage, see Part XXI of the Building Code.

177. Before the construction or alteration of any gas piping in any building or part of any building, a permit must be obtained from the Commissioner of Buildings. This permit will be issued only to a registered plumber. Small alterations may be made by notifying the Department of Buildings, using the same blank forms provided for alterations and repairs to plumbing.

178. All gas pipe shall be of the best quality wrought iron or steel and of the kind classed as standard pipe, and shall weigh according to the following scale:

Diameters	Weights per Linear Foot
¾ inch.....	0.56 pound
1½ inch.....	0.85 pound
¾ inch.....	1.12 pound
1 inch.....	1.67 pound
1¼ inch.....	2.24 pounds
1½ inch.....	2.68 pounds
2 inch.....	3.61 pounds
2½ inch.....	5.75 pounds
3 inch.....	7.54 pounds
3½ inch.....	9.00 pounds
4 inch.....	10.66 pounds

No pipe allowed of less than ¾ inch in diameter.

179. All fittings (except stop-cocks or valves) shall be of malleable iron.

180. There shall be a heavy brass straightway cock or

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valve on the service pipe immediately inside the front foundation wall. Iron cocks or valves are not permitted.

181. Where it is not impracticable so to do, all risers shall be left not more than five feet from front wall.

182. No pipe shall be laid so as to support any weight (except fixtures) or be subjected to any strain whatsoever. All pipe shall be properly laid and fastened to prevent becoming trapped, and shall be laid, when practicable, above timbers or beams instead of beneath them. Where running lines or branches cross beams, they must do so within thirty-six inches of the end of the beams, and in no case shall the said pipes be let into the beams more than two inches in depth. Any pipe laid in a cold or damp place shall be properly dripped, protected and painted with two coats of red lead and boiled oil or tarred.

183. No gas pipe shall be laid in cement or concrete unless the pipe or channel in which it is placed is well covered with tar.

184. All drops must be set plumb and securely fastened, each one having at least one solid trap. Drops and outlets less than $\frac{3}{4}$ of an inch in diameter shall not be left more than one inch below plastering, centrepieces or woodwork.

185. All outlets and risers shall be left capped until covered by fixtures.

186. No unions or running threads shall be permitted. Where necessary to cut out to repair leaks or make extensions, pipe shall be again put together with right and left couplings.

187. No gasfitters' cement shall be used, except in putting fixtures together.

188. All gas brackets and fixtures shall be placed so that the burners of same are not less than three feet below any ceiling or woodwork, unless the same is properly protected by a shield, in which case the distance shall not be less than eighteen inches.

No swinging or folding gas brackets shall be placed against any stud partition or woodwork.

No gas brackets on any lath and plaster partition or woodwork shall be less than five inches in length, measured from the burner to the plaster surface or woodwork.

Gas lights placed near window curtains or any other combustible material shall be protected by a proper shield.

189. Gas outlets for burners shall not be placed under tanks, back of doors or within four feet of any meter.

190. All buildings shall be piped according to the following scale:

Diameter	Length	Burners
$\frac{3}{8}$ inch.....	26 feet	3
$\frac{1}{2}$ inch.....	36 feet	6
$\frac{3}{4}$ inch.....	60 feet	20
1 inch.....	80 feet	35
$1\frac{1}{4}$ inch.....	110 feet	60
$1\frac{1}{2}$ inch.....	150 feet	100
2 inch.....	200 feet	200
$2\frac{1}{2}$ inch.....	300 feet	300
3 inch.....	450 feet	450
$3\frac{1}{2}$ inch.....	500 feet	600
4 inch.....	600 feet	750

191. Outlets for gas ranges shall have a diameter not less than required for six burners, and all gas ranges and heaters shall have a straightway cock on service pipe.

192. When brass piping is used on the outside of plastering or woodwork, it shall be classed as fixtures.

193. All brass tubing used for arms and stems of fixtures shall be at least No. 18 standard gauge and full size outside so as to cut a full thread.

All threads on brass pipe shall screw in at least $\frac{5}{16}$ of an inch. All rope or square tubing shall be brazed or

soldered into fittings and distributors, or have a nipple brazed into the tubing.

194. All cast fittings, such as cocks, swing joints, double centres, nozzles, etc., shall be extra heavy brass. The plugs of all cocks must be ground to a smooth and true surface for their entire length, be free from sandholes, have less than $\frac{3}{4}$ of an inch bearing (except in cases of special design), have two flat sides on the end for the washer, and have two nuts instead of a tail screw. All stop pins to keys or cocks shall be screwed into place.

195. After all piping is fitted and fastened and all outlets capped up, there must be applied by the plumber, in the presence of an inspector of the Department of Buildings, a test with air to a pressure equal to a column of mercury 6 inches in height, and the same to stand for five minutes; only mercury gauge shall be used. No piping shall be covered up, nor shall any fixture, gas heater or range be connected thereto until a card showing the approval of this test has been issued by the Commissioner of Buildings.

196. No meter will be set by any gas company until a certificate is filed with them from the Department of Buildings certifying that the gas pipes and fixtures comply with the foregoing rules.

Modifications.

197. When for any reason it may be impracticable to comply strictly with the foregoing rules, the Commissioner of Buildings shall have power to modify their provisions so that the spirit and substance thereof shall be complied with. Such modifications shall be indorsed upon the permit over the signature of the Commissioner of Buildings.

METHOD FOR TESTS FOR ANTI-SIPHON TRAPS OR FIXTURES.

Adopted by the Board of Standards and Appeals,
February 11, 1919.

Resolved, that the following be and it hereby is adopted by the board of standards and appeals as the method prescribed for tests for anti-siphon traps or fixtures, which must be successfully passed before such traps or fixtures shall be approved under Rule 88, Rules for Plumbing and Drainage:

Instructions.

1. The entire cost and responsibility for the installation of the necessary equipment for such test shall be borne by the person or firm submitting the appliance.

2. Such person or firm shall also furnish the board, together with the application for test, the following material and information:

(a) A stock trap of the size and design to be tested, which shall be of the P and S type and shall be of lead or brass, cast in one piece, and without interior partitions or mechanism.

(b) A similar trap cut in half.

(c) A similar trap, to be used in the test, provided with glass observation ports of sufficient size to permit clear observation of the action occurring within the trap during test, and such observation ports shall be so located that the amount of water seal remaining after each test can be readily observed.

(d) An affidavit that the three traps submitted are regular stock traps.

(e) A list of all cities, towns or municipalities where such trap has been officially approved for use without back venting.

The testing apparatus shall be located within the City of New York, and in a place, building or structure to meet the approval of the testing authorities. Such apparatus shall be so located that every part is easily accessible for inspection.

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Apparatus.

The apparatus shall consist of the following:

A tank of not less than fifty nor more than one hundred and fifty gallons capacity, with adequate water supply for refilling the same during the test.

A vertical wrought iron or steel pipe line fifty feet long, connected to the underside of the tank, and of the same internal diameter as the trap to be tested.

A quick-opening valve, located ten feet below the underside of the tank.

A TY fitting located two feet below the quick-opening valve, with horizontal branch pipe connected thereto, of the same diameter as the vertical line, this branch line not to exceed two feet in length, with a pitch towards the vertical line of two inches to the foot, and the trap to be tested shall be connected to this horizontal branch pipe.

A wash basin, or fixture answering the same purpose, which can be conveniently connected or disconnected from the inlet side of the trap.

The test shall be conducted as follows:

For Anti-Siphon Qualities.

For the purpose of determining the efficiency of the trap, the tank shall be completely filled, a water seal established in the trap; and:—

The quick-opening valve shall be opened for five seconds, then closed for five seconds, and this alternating process repeated five times.

The quick-opening valve shall be opened and the entire contents of the tank discharged at one time.

The wash basin shall be connected to the trap, filled with water, and both wash basin and tank discharged simultaneously. The quick-opening valve shall be kept open until the entire contents of the tank has been discharged.

The trap shall be disconnected and a bridge of solid soap formed across the lower half of the discharge end of the trap, so as to effectually block one-half of the clear waterway, and the foregoing tests repeated.

Each operation shall be repeated several times, if desired by the testing authorities.

For Self-Cleansing Qualities.

For the purpose of determining its self-cleansing qualities, the trap shall be filled with sand and the wash basin filled with water and allowed to discharge. A similar operation shall be repeated with tea leaves, coffee grounds, sawdust and grated soap.

For Service Qualities.

The service qualities of the trap may be tested as follows:

A trap which has been in actual constant use for a period of not less than one year shall be removed under the supervision of a representative of the testing authorities, split into two halves, and submitted for inspection, for the purpose of determining whether sediment or coating of grease or other foreign matter has accumulated in the trap during service conditions.

Approval.

An approval shall not be issued for any anti-siphon trap which has been subjected to the foregoing tests unless the trap has:

1. Maintained its water seal throughout the test.
2. Been successfully scoured of any foreign substance placed in the trap, when water has been discharged through same.
3. Upon inspection, after service, shown no excessive accumulation of grease or other foreign substance.

Deep Seal Siphon-Jet Fixtures, or Anti-Siphon Fixtures.

Instructions: Applicants for approval of deep seal siphon-jet or anti-siphon fixtures shall submit the following with their application:—

- (a) A stock fixture of the size and design to be tested.
- (b) A similar fixture, cut in half.
- (c) A similar fixture, to be used in the test, provided with glass observation ports of sufficient size to permit clear observation of the action occurring within the fixture during test, and such observation ports shall be so located that the amount of water seal remaining after each test can be readily observed.
- (d) An affidavit that the three fixtures submitted are regular stock fixtures.

Apparatus.

The apparatus shall be similar to that required for anti-siphon traps, except that vertical and horizontal pipes shall have an internal diameter of three inches for testing slop sinks and four inches for testing water-closets; tank shall have a capacity of not less than one hundred gallons and the fixture shall be provided with its usual water supply so that same may be flushed when required.

Test.

For the purpose of determining the efficiency of the fixture to maintain a water seal, it shall be tested in a manner similar to that prescribed for anti-siphon traps, except that no soap bridge need be provided at the outlet.

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USE OF HYDRATED LIME IN CONCRETE.

Adopted by the Board of Standards and Appeals, April 19, 1920, under Cal. No. 153-20-S.

The use of hydrated lime in all classes of concrete construction shall not be prohibited when used in accordance with the conditions hereinafter set forth.

The hydrated lime shall conform with the standard specifications for this material which have been adopted by the American Society for Testing Materials.

The maximum amount of hydrated lime which may be used shall conform with the following table, all weights given being the amount of lime which may be incorporated for each ninety-five pound bag of Portland cement:

1-1½-3 Mix, 4 pounds of hydrated lime per bag of cement.

1-2-4 Mix, 5 pounds of hydrated lime per bag of cement.

1-2½-5 Mix, 6 pounds of hydrated lime per bag of cement.

For hand mixed concrete, the hydrated lime and Portland cement shall be well mixed while dry.

Hydrated lime shall not be used in concrete which is to be deposited under water.

PROGRESS REPORT

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Requests for extension of permit granted	8
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Plans approved	9
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Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	21
Total	963

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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BULLETIN
OF THE
BOARD OF STANDARDS AND APPEALS
CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription **NOVEMBER 26, 1935** Single Copies, 5 cents No. 48
\$2.50 a year By mail, 8 cents

DIRECTORY

BOARD OF STANDARDS AND APPEALS

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CHIEF JOHN J. McELIGOTT

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OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

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Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, November 25, 1935*, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, December 2, 1935*, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET.

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331-35-BZ....	D.B.M....	1-3 East 8th street and 9-17 5th avenue, northeast corner (Block 566, Lots 1, 2, 4, 5, 6 and 34), Manhattan, N. B. 168-35.
330-35-A.....	F.D.....	12-12 43rd avenue, southwest corner of 13th street (Block 443, Lot 15), Long Island City, Queens, 66947-L.C.
329-35-SA....	F.D.....	Baker Perkins Oil Burner, Type C and CD Control, Appliance.
328-35-BZ....	D.B.Bx....	922 Westchester avenue and 918 Rogers place, southeast corner, and 909-923 East 163rd street (Block 2697, Lot 35), The Bronx, Decision.
327-35-A.....	T.H.D....	130 Washington place West and 187-191 West 4th street (Block 592, Lot 2), Manhattan, Order and Decision.
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D.B.R.....	Department of Buildings, Richmond
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OPINION OF CORPORATION COUNSEL

CITY OF NEW YORK
LAW DEPARTMENT

Paul Windels
Corporation Counsel
New York, July 26, 1935.
(30418)

Hon. John J. McElligott,
Fire Commissioner.

Sir:

I have received a communication from Francis X. Giaccone, Deputy Fire Commissioner, dated July 1, 1935, which reads as follows:

"Will you please let me have your legal opinion concerning the following query, in order that the Board of Hazardous Trades of the Fire Department and the Fire Chief and Commissioner, may be guided accordingly?"

"A set of specifications have been compiled and submitted for adoption for liquefiers used to convert solid carbon dioxide to a liquid and/or gas in accordance with the provisions of Article 17, of Chapter 10, of the Code of Ordinances. These specifications are being submitted to the Board of Hazardous Trades of the Fire Department for their action and approval. The Board acts in an advisory capacity to the Fire Chief and Commissioner.

"Pending the consideration of this matter before a meeting of the Board, we have had occasion to refer to Section 718-A, Subdivision 2, of the Greater New York Charter. This section provides for the powers of the Board of Standards and Appeals. Said Subdivision 2, after conferring power upon said Board of Standards and Appeals to make, amend, etc., rules and regulations, definitely states that such rules and regulations shall take the place of rules and regulations made by a Borough President, a Superintendent of Buildings and the Fire Commissioner.

"We construe this section to mean that the power of making rules and regulations, and of specifically approving specifications, such as are being submitted to our Board at the present time, is entirely within the province of the Board of Standards and Appeals, and is beyond the power of the Board of Hazardous Trades to act upon and to make any recommendations about to the Fire Chief and Commissioner, in the first instance. We feel that this matter should be referred to the Board of Standards and Appeals for their action and approval.

Pending the receipt of your opinion, we are holding this matter in abeyance. Your early advice will be greatly appreciated."

The power to make rules and regulations and prescribe specifications concerning liquefiers used to convert solid carbon dioxide to a liquid and/or gas is vested in the Board of Standards and Appeals under Section 718-A of the Greater New York Charter. There is nothing to prevent the submission of specifications by the Board of Hazardous Trades to the Fire Commissioner, who may then transmit the same to the Board of Standards and Appeals for such action as it deems fit.

Yours truly,
(Signed) PAUL WINDELS,
Corporation Counsel.

CALENDAR

CALL OF CLERK'S CALENDAR MONDAY, NOVEMBER 25, 1935, AT 2 P. M.

Building Zone Cases.

130-35-BZ.

APPLICANT—Edwin H. Snackenber, for New York Rapid Transit Corporation, owner.

PREMISES—402-10 64th street and 64-01 to 64-19 Fourth avenue, southeast corner (Block No. 5818, part of Lot No. 1), Brooklyn.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the extension of an existing gasoline service station and also the erection and maintenance of a motor vehicle repair shop.

271-35-BZ.

APPLICANT—Christopher C. McGrath, for Treipport Realty Co., owner.

PREMISES—1166 Ward avenue, east side, 100 ft. south of Westchester avenue (Block No. 3742, Lot No. 38), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the erection and maintenance of a business building (store).

277-35-BZ.

APPLICANT—Gerald M. Bloomfield, for Fordhof Realty Co., Inc., owner.

PREMISES—2171 Grand Concourse, west side, 182.75 ft. north of East 181st street (Block No. 3162, Lot No. 43), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the change of occupancy of an existing residence building to a business use.

172-21-BZ.

APPLICANT—John J. Dunnigan, for Riverside-St. Clair Corp., owner.

PREMISES—564 Riverside drive, east side, 293.10 ft. south of St. Clair place (Block No. 1995, Lot No. 70), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened October 29, 1935),

TO PERMIT in a residence district the erection and maintenance of electric roof signs.

577-19-BZ.

APPLICANT—Joseph B. Lynch, for Emil Navone, owner.

PREMISES—179-183 West Houston street and 231-235 6th avenue, southwest corner (Block No. 520, Lot No. 33), Manhattan.

APPLICATION, under section 21 of the building zone resolution (reopened September 17, 1935).

TO PERMIT in a business district the inclusion of a gasoline service station in a garage for more than five (5) motor vehicles (garage previously granted by the board).

NOVEMBER 26, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, November 26, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 247-35-BZ—Application, September 18, 1935, under section 21 of the building zone resolu-

tion, of Scacchetti and Siegel, applicants, on behalf of Teresa Pisaniello, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 3007-3009 East Tremont avenue and 1491 Ericson place, northwest corner (Block No. 5381, Lot No. 38), The Bronx.

CAL. NO. 119-35-BZ—Application, May 13, 1935, under section 21 of the building zone resolution, of Chester Baffa, applicant, on behalf of Annie E. Clark, owner, to permit in a business district the conversion of occupancy of an existing building (auto laundry) to a motor vehicle repair shop; premises 502 Atlantic avenue, south side, 200 ft. west of 3rd avenue (Block No. 185, Lot No. 18), Brooklyn.

CAL. NO. 251-35-BZ—Application, September 20, 1935, under sections 7c and 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Magaroff Realty Corp., lessee (long term lease), to permit partly in a residence district and partly in a business district the erection and maintenance of a business building (stores); premises 2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Brooklyn.

CAL. NO. 278-35-BZ—Application, October 10, 1935, under sections 7a, 7b and 21 of the building zone resolution, of C. A. Sandblom, applicant, on behalf of Moe Weinberger, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre; premises 333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

NOVEMBER 26, 1935, 2 P. M.

Appeals from Administrative Orders.

293-35-A—39 West 19th street (10th floor); (Block No. 821, Lot No. 14), Manhattan.

305-35-A—Transportation of Fuel Oil in Trucks in New York City.

325-35-A—405-419 West 15th street, north side, 99 ft. west of 9th avenue (Block No. 713, Lot No. 1), Manhattan.

Variation of Labor Law.

318-35-S—190-194 Franklin street and 371-375 Greenwich street, northeast corner (Block No. 187, Lot No. 10), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, November 26, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 106-35-BZ—Application of Frank G. Whiteside, on behalf of Fourth Assembly District

CALENDAR

Unit, Republican League of Queens County, Inc., lessee, reopened October 29, 1935, for consideration of an amendment to the resolution of July 16, 1935, as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a residence district the change of occupancy of an existing building to business use (restaurant, ball room, etc.); premises 153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

CAL. NO. 1072-23-BZ—Application of Viola M. Smith, owner, reopened November 6, 1935, for consideration as to extension of permit—re Application granted for a temporary period permitting in a residence district the maintenance of a garage for the storage of five (5) motor vehicles, four (4) spaces rented to persons not residing on premises; premises 41 Richmond street, east side, 322 ft. south of Jamaica avenue (Block No. 4103, Lot No. 8), Brooklyn.

CAL. NO. 255-35-BZ—Application, September 23, 1935, under section 21 of the building zone resolution, of New York Railways Corporation, applicant and owner, to permit in a business district an alteration and conversion of a building used for housing street cars to a garage for more than five (5) motor vehicles; premises 1552-1560 Lexington avenue, northwest corner of East 99th street and 1301-1309 Park avenue (Block No. 1627 (West), south part of Lot No. 1), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR MONDAY, DECEMBER 2, 1935, AT 2 P. M.

Building Zone Cases.

282-35-BZ.

APPLICANT—William B. Linder, for Violet Kramer, owner.

PREMISES—1159-1167 Utica avenue and 5002-5010 Clarendon road, southeast corner (Block No. 4771, Lot Nos. 1 and 78), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

287-35-BZ.

APPLICANT—William E. Kennedy, for Abraham A. Goldstein, owner.

PREMISES—Southeast corner of Parsons boulevard and 84th road (Block No. 864, Lot No. 261), Jamaica, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

1109-27-BZ.

APPLICANT—Michael Levine, for Ft. Greene Associates, Inc., owner.

PREMISES—106-21 Woodhaven boulevard (Cross Bay boulevard), east side, 365.61 ft. north of 108th avenue (Block No. 430, part of Lot No. 45), Woodhaven, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened September 17, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

186-30-BZ.

APPLICANT—Ethel Quasman, owner.

PREMISES—74-02 to 74-12 Jamaica avenue and 1 Elderts lane, southeast corner (Block No. 50, part of Lot No. 1), Woodhaven, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution (reopened October 8, 1935),

TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.

26-32-BZ.

APPLICANT—Louis Schlefer, for Minnie Streit, owner.

PREMISES—1551-1555 Coney Island avenue, east side, 100 ft. south of Avenue L (Block No. 6731, Lot No. 90), Brooklyn.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station (reopened September 10, 1935, for rehearing by Order of the Court).

654-27-BZ.

APPLICANT—Wagner, Quillinan & Rifkind, for Henry Pape, owner.

PREMISES—622-632 Foster avenue, southwest corner of East 7th street (Block No. 6494, Lot No. 8), Brooklyn.

APPLICATION, under sections 7e and 21 of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment of a resolution granting in a business district the change of occupancy of an existing building to a garage for the storage of more than five (5) motor vehicles of the pleasure-car type, so as to include motor vehicles of the commercial-car type.

240-35-BZ.

APPLICANT—Samuel Rosenblum, for Bawnfawn Holding Corp., owner.

PREMISES—88-15 Queens boulevard and 89-05 56th avenue, northwest corner (Block No. 1844, Lot No. 3), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

DECEMBER 3, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 3, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 246-35-BZ—Application, September 17, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Elinor D. Manson and

CALENDAR

Nora M. Reich, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

CAL. NO. 273-35-BZ—Application, October 7, 1935, under sections 7a, 7c and 21 of the building zone resolution, of Walter B. Woodruff, applicant, on behalf of John T. Woodruff & Son, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

CAL. NO. 205-35-BZ—Application, July 26, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Bobrose Developments, Inc., owner, to permit in a business district the alteration and change of occupancy of an existing building so as to include a gasoline service station; premises 163-03 Northern boulevard, northeast corner of 163rd street (Block No. 5338, Lot No. 5), Flushing, Borough of Queens.

CAL. NO. 284-35-BZ—Application, October 16, 1935, under sections 7c and 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Charles E. Sackmann and Anjie A. Sackmann, owners, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (stores and motion picture theatre); premises 725 Church avenue, north side, 156 ft. 6¾ in. east of East 7th street (Block No. 5330, Lot Nos. 55 and 60), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 3, 1935, 2 P. M.

Appeals from Administrative Orders.

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

283-35-A—Transportation of Fuel Oil in Trucks in New York City.

286-35-A—51-61 Union street, northwest corner of Van Brunt street (Block No. 334, Lot No. 34), Brooklyn.

299-35-A—25-48 122nd street (Block No. 4258, Lot No. 16), College Point, Borough of Queens.

317-35-A—Transportation of Fuel Oil in Trucks in New York City.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, December 3, 1935, at 2 o'clock, in Room 1013, Municipal Building*, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22 feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

CAL. NO. 120-35-BZ—Application of Maxwell A. Cantor, applicant, on behalf of Andon E. Andon, owner, reopened October 22, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

CAL. NO. 35-34-BZ—Application of Sidney L. Strauss, applicant, on behalf of Fannie Levy, owner, reopened May 7, 1935, under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be used as stores and also a motor vehicle repair shop; premises 625-631 West 176th street and 74 Wadsworth avenue, northwest corner (Block No. 2145, Lot No. 54), Manhattan.

CAL. NO. 254-35-BZ—Application, September 11, 1935, under sections 7a and 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Winter Mead and R. Hawley Truax, as trustees of owner, to permit in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated), a portion of the garage having been previously granted by the board; premises 300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 6, 1935, 10 A. M.

SPECIAL MEETING.

Rules

262-35-SR—Proposed Rules for Liquefiers used to convert solid carbon dioxide to a liquid and/or a gas.

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 9, 1935, AT 2 P. M.

Building Zone Case.

235-35-BZ.

APPLICANT—Leon J. Levine, for Victoria B. Cohen, owner.

CALENDAR

PREMISES—158-07 Rockaway boulevard, southeast corner of Conover street (Block No. 4481, Lot No. 69), Jamaica, Borough of Queens.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing gasoline service station to a motor vehicle repair shop.

DECEMBER 10, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 10, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 145-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Charles Ginsberg and Max Chesnoff, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

CAL. NO. 112-35-BZ—Application, April 30, 1935, under section 21 of the building zone resolution, of Philip Wolfson, applicant, on behalf of Giuseppa Genco, owner, to permit in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop; premises 115-61 Merrick road and 172-01 116th avenue, northeast corner and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 10, 1935, 2 P. M.

Variation of Labor Law.

268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, December 10, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly

262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

CAL. NO. 117-35-BZ—Application, May 8, 1935, under section 21 of the building zone resolution, of William J. Wilson, applicant, on behalf of Rose Bozzi, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

CAL. NO. 212-35-BZ—Application, August 5, 1935, under section 21 of the building zone resolution, of Thomas W. Lamb, Inc., applicant, on behalf of Edwin J. Long, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

CAL. NO. 233-32-BZ—Application of Richard Vom Lehn Sons, applicants, on behalf of Treselmina Co., owner, reopened November 19, 1935, for consideration as to extension of time re Application granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 267-271 Eastern Parkway Extension, northeast corner of Rockaway avenue (Block No. 1455, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 13, 1935, 10 A. M.

SPECIAL MEETING.

Rules

353-30-SR—Paint, Varnish and Lacquer Spraying Rules, Proposed Revision of.

DECEMBER 17, 1935, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 17, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 272-30-BZ—Application of Jacob A. Freedman, applicant, on behalf of Rubel Corporation, owner, reopened October 1, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (remitted by order of the Court for hearing); premises 440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, NOVEMBER 19, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

390-27-BZ.

APPLICANT—Conroy and Hardy, for Ralph Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (reopened March 26, 1935).

PREMISES AFFECTED—73-34 to 73-46 Cooper avenue south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: R. S. Hardy.

For Opposition: George P. Stier, Herbert G. Roleke, Louis D. Cohen, Mrs. A. Wagenhauser and others.

ACTION OF BOARD—Laid over to December 3, 1935, at 2 p. m. for report of committee on inspection. No further argument.

120-35-BZ.

APPLICANT—Maxwell A. Cantor, for Andon E. Andon, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to calendar October 22, 1935).

PREMISES AFFECTED—63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

APPEARANCES—

For Applicant: Maxwell A. Cantor.

For Opposition: Henry L. Schloh, Thomas F. Guidera, Mrs. Rita Freibourg, Walter O'Melia and others.

ACTION OF BOARD—Laid over to December 3, 1935, at 2 p. m. for report of committee on inspection. No further argument.

35-34-BZ.

APPLICANT—Sidney L. Strauss, for Fannie Levy, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a building to be used as stores and also a motor vehicle repair shop (reopened May 7, 1935).

PREMISES AFFECTED—625-631 West 176th street and 74 Wadsworth avenue northwest corner (Block No. 2145, Lot No. 54), Manhattan.

APPEARANCES—

For Applicant: Sidney L. Strauss and Albert L. Levy.

For Opposition: Furman V. Gaines, H. L. Roberts, M. Silverman, Norbert Altschul and Joseph A. Cassidy.

ACTION OF BOARD—Laid over to December 3, 1935, at 2 p. m. for report of committee on inspection. No further argument.

254-35-BZ.

APPLICANT—Scacchetti & Siegel, for Winter Mead and R. Hawley Truax, as trustees of owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles and stores, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated), a portion of the garage having been previously granted by the board.

PREMISES AFFECTED—300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Manhattan.

APPEARANCES—

For Applicant: Archie Samuels, Milton Samuels, Max Siegel and R. Hawley Traux.

For Opposition: Emanuel J. Freiberg, Bernard Trencher and L. C. Squire.

For Administration: Mr. Falkenstein, board of transportation.

ACTION OF BOARD—Laid over to December 3, 1935, at 2 p. m. for report of committee on inspection. No further argument.

101-32-BZ.

APPLICANT—Joseph Schafran, for Thema Rosen, owner.

SUBJECT—Application (re decision of the commissioner of buildings), reopened October 22, 1935, under section 7h of the building zone resolution, to permit in a business district for a period not greater than two (2) years, the parking or storage of more than five (5) motor vehicles on a lot or plot unbuilt upon.

PREMISES AFFECTED—2871 Bailey avenue, west side, 107.59 ft. south of West 230th street (Block No. 3264, part of Lot Nos. 70 and 79), The Bronx.

APPEARANCES—

For Applicant: Samuel Greenbaum.

For Opposition: None.

ACTION OF BOARD—Application withdrawn upon request of applicant's representative.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

276-35-BZ.

APPLICANT—Frank S. Parker, for General Motors Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution to permit in a business district the change of occupancy of part of an existing business building to a garage for more than five (5) motor vehicles.

PREMISES AFFECTED—224-228 West 57th street and 1758-1770 Broadway, southeast corner (Block No. 1028, Lot No. 47), Manhattan.

APPEARANCES—

For Applicant: Frank S. Parker.

For Opposition: Frederick Dassori.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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MINUTES

Negative 0
Absent 0
THE RESOLUTION—

(276-35-BZ)

WHEREAS, Frank S. Parker, for General Motors Corporation, owner, filed, October 9, 1935, an application under the building zone resolution to permit in a business district the change of occupancy of part of an existing business building to a garage for more than five (5) motor vehicles, premises: 224-228 West 57th street and 1758-1770 Broadway, southeast corner (Block No. 1028, Lot No. 47), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, November 19, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that W. 57th street, West 56th street, Broadway, and 7th avenue are in business use districts; and

WHEREAS, the decision of the commissioner of buildings, rendered September 21, 1935, re Alt. App. No. 1441-1935, reads:

"12. As premises are located in a business district, use must conform to section 4, building zone resolution. Use of premises for storage of more than five motor vehicles or for garage for more than five motor vehicles will be in violation of section 4, building zone resolution."

and

WHEREAS, the building is of fireproof construction, nine (9) stories in height, with a frontage of 141.5 ft. on West 57th street and 136.2 ft. on Broadway; occupied as automobile show rooms and offices; it is proposed to occupy the building as offices and showrooms with the storage of more than five motor vehicles, as follows: Cellar 8, first story, 14; second story, 30; third story, 35; and

WHEREAS, the General Motors Corporation has acquired the entire building and has remodeled same at considerable expense to accommodate the business of the company and its subsidiary companies; and

WHEREAS, it is essential to the conduct of the business that demonstrating cars and used cars taken in trade should be housed in the building with sufficient gasoline in the tanks to permit operating for demonstrating purposes; and

WHEREAS, the owner proposes to limit the storage of such cars to the basement, second and third floors, no cars to be stored unless in the ownership of the company; and

WHEREAS, the board deemed that applicant substantiated his basis of appeal under section 21 on the grounds of unnecessary hardship.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 21, to permit the building under appeal to be used as to the basement, 1st, 2nd and 3rd floors as a private storage garage, solely for storing cars owned by the General Motors Corporation and its subsidiary companies and not as a storage garage for general public occupancy, *on condition* that the boiler room in the basement shall be completely cut off with approved masonry from the balance of the basement, enterable only from the exterior of the building; that this variation shall continue only so long as the building is under lease to and under control of the General Motors Corporation and its subsidiaries; that the balance of the building shall be used for conforming purposes; and that other than as varied herein, all laws and regulations shall be complied with, and that no gasoline shall be stored on the premises other than in the tanks of the cars, as herein permitted.

Adjourned, 2:45 p. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, NOVEMBER 19, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

117-35-BZ.

APPLICANT—William J. Wilson, for Rose Bozzi, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—122-04 25th road, southeast corner of College Point causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

APPEARANCES—

For Applicant: William J. Wilson.

For Opposition: None.

ACTION OF BOARD—Laid over to December 10, 1935, at 2 p. m., for report of committee on inspection. No further argument.

212-35-BZ.

APPLICANT—Thomas W. Lamb, Inc., for Edwin J. Long, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution to permit in a busi-

ness district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

APPEARANCES—

For Applicant: Harry J. Williams.

For Opposition: Leonard Ring, Alex Cipriano, Mrs. C. Druz, D. Rapuzzo and Edward Kuntz.

ACTION OF BOARD—Laid over to December 10, 1935, at 2 p. m., for opposition to submit financial statements from adjoining gasoline stations.

233-32-BZ.

APPLICANT—Richard Vom Lehn Sons, for Treselmina Co., owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the superintendent of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—267-271 Eastern Parkway extension, northeast corner of Rockaway avenue (Block No. 1455, Lot No. 1), Brooklyn.

APPEARANCES—

For Applicant: Richard Vom Lehn.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing December 10, 1935, at 2 p. m.

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THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

235-23-BZ.

APPLICANT—Edwin W. Kleinert, for Albert Ritterman, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the alteration and change of occupancy of an existing public garage so as to permit the inclusion of a gasoline service station.

PREMISES AFFECTED—2306-2324 Neptune avenue, south side, 37.62 ft. east of West 24th street (Block No. 7015, part of Lot No. 3), Brooklyn.

APPEARANCES—

For Applicant: Edwin W. Kleinert.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION:

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(235-23-BZ)

WHEREAS, Edwin W. Kleinert, for Albert Ritterman, present owner, filed an application for reopening, garage having been granted September 30, 1924, under the building zone resolution to permit in a business district the alteration and change of occupancy of an existing public garage so as to permit the inclusion of a gasoline service station; premises: 2306-2324 Neptune avenue, south side, 37.62 ft. east of West 24th street (Block No. 7015, part of Lot No. 3), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 9, 1934, after due notice by publication in the Bulletin of the Board of Standards and Appeals;

WHEREAS, the use district maps accompanying the building zone resolution show that Neptune avenue and West 24th street are in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered August 16, 1934, re Applic. No. 106665-1934, reads:

"1. A change in occupancy of a portion of a building erected under permit granted by the Board of Appeals from one prohibited use to another, must be referred to Board of Appeals."

and

WHEREAS, the building is of non-fireproof construction, one story in height, with a frontage of 160 ft. and a depth of 100 ft., occupied as a garage, it is proposed to set back a portion of the front wall for a gasoline service station; and

WHEREAS, this resolution was amended by the board October 9, 1934, and applicant requested a further amendment of the resolution.

Resolved, that the resolution adopted by the board on September 30, 1924, as amended October 9, 1934, be and it

hereby is further amended by incorporating therein the amended paragraph reading:

"That the front wall of this building for a distance of 80 ft. toward the west may be eliminated to provide for the construction of an alcove gasoline station, as indicated on plans marked 'received September 14, 1934,' on condition that there shall be constructed at a point at least 19 ft. southerly from Neptune avenue and parallel thereto a continuous masonry wall for the full height of the building from the foundation below the floor line to the underneath side of the roof boarding; that the roof over this proposed gasoline selling station alcove shall be completely removed; that the wall along the westerly lot line shall remain out to the building line; that all windows from this gasoline alcove opening into the garage or garage office shall be fireproof, self-closing; that no gasoline pumps shall be erected nearer than 10 ft. from the garage wall, unless such wall is unpunctured within 5 ft. of the pump in either direction; that if any additional gasoline tanks are installed, other than those now existing, they shall be installed at as great a depth as possible in view of tide-water conditions and not nearer than 25 ft. to boiler room wall; that the boiler room shall be entirely separated from the balance of the building by fireproof construction and enterable only from the exterior of the building; that no portable gasoline tanks shall, after the construction of this gasoline selling alcove, be used on or from the entire premises; that the gasoline selling alcove wall shall be constructed of face brick and trimmings; that nothing in this amendment shall change or alter any provision in the resolution adopted by the board on September 30, 1924, except as to the construction of this gasoline selling alcove; that all permits required shall be obtained within six months and all work completed within one year from the date of this amended resolution."

229-34-BZ.

APPLICANT—Edgar J. Moeller, for John McCluskey, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of repair shop for motor vehicles in connection with automobile sales building.

PREMISES AFFECTED—531-535 East Fordham road, northeast corner of Bathgate avenue (Block No. 3273, Lot Nos. 305 and 307), The Bronx.

APPEARANCES—

For Applicant: Edgar J. Moeller.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(229-34-BZ)

WHEREAS, this application affecting premises 531-535 East Fordham road, northeast corner of Bathgate avenue (Block No. 3273, Lot Nos. 305-307), Borough of The Bronx, was granted by the board, October 16, 1934, on certain condi-

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tions, amended November 13, 1934, and applicant requests a further amendment as to time limit imposed.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on October 16, 1934, as amended by resolution on November 13, 1934, only so far as it has reference to the completion of work, so that as amended this portion of resolution shall read:

"that in view of statement of applicant that plans have been filed and approved and permits obtained, all work shall be completed within one year from the date of this amended action and that other than as amended herein the resolution adopted by the board on October 16, 1934, as amended by resolution on November 13, 1934, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS.

283-35-A.

APPELLANT—Caldo Fuel Oil Co., Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: A. Bain.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Laid over to December 3, 1935, at 2 p. m., for further consideration.

286-35-A.

APPELLANT—Harry L. Marcus, for Triangle Farms Inc., owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—51-61 Union street, northwest corner of Van Brunt street (Block No. 334, Lot No. 34), Brooklyn.

APPEARANCES—

For Appellant: Irving Lewis.

For Administration: None.

ACTION OF BOARD—Laid over to December 3, 1935, at 2 p. m., upon request of applicant's representative.

299-35-A.

APPELLANT—Jane Baylee Stevens, lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—25-48 122nd street (Block No. 4258, Lot No. 16), College Point, Borough of Queens.

APPEARANCES—

For Appellant: Jane Baylee Stevens.

For Administration: None.

ACTION OF BOARD—Laid over to December 3, 1935, at 2 p. m., for report of committee on inspection.

317-35-A.

APPLICANT—John A. Wells, Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: George E. Light.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Laid over to December 3, 1935, at 2 p. m., for further consideration.

220-35-A.

APPELLANT—Harry Lazaroff, adjoining owner, against

Pauline Sweetwood owner and Lakeland Theatre, lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings—re Revocation of certificate of occupancy.

PREMISES AFFECTED—273 Brighton Beach avenue, north side, 40 ft. east of Lakeland place (Block No. 7284, Lot Nos. 1131 and 1132), Brooklyn.

APPEARANCES—

For Appellant: Joseph E. Marcus.

For Owner of Premises: Milton Mount.

For Administration: Assistant Engineer Benjamin Saltzman of department of buildings.

ACTION OF BOARD—Appeal to revoke certificate of occupancy denied.

THE VOTE TO REVOKE CERTIFICATE OF OCCUPANCY—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum 3

Absent: Assistant Chief Kidney 1

THE RESOLUTION—

(220-35-A)

WHEREAS, Harry Lazaroff, adjoining property owner, against Pauline Sweetwood, owner, and Lakeland Theatre, lessee, filed, August 14, 1935, an appeal from the decision of the commissioner of buildings, refusing to revoke Certificate of Occupancy No. 76046 of 1935, and alteration Permit No. 990 of 1935, affecting premises 273 Brighton Beach avenue, north side, 40 ft. east of Lakeland place (Block No. 7284, Lot Nos. 1131 and 1132), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings, dated August 30, 1935, reads:

"Replying to your letter of August 21st in reference to above premises, you are advised that inspection shows that the rear exit door has been reduced in size on alteration Permit No. 990-35. The door is erected according to approved plans.

"A Certificate of Occupancy can not be revoked only by the Board of Standards and Appeals.";

and

WHEREAS, the building is fireproof, one-story (20 ft.) in height, 40 ft. by 100 ft. in area; OCCUPIED: motion picture theatre (435 seats) and two stores; located within a business district; and

WHEREAS, the applicant contends that the building was converted into a motion picture theatre in 1925 under application approved on condition: that an easement affecting the rear of the adjoining premises at west (13 ft. in width) be at all times maintained for a required means of exit from the theatre to the street; that on completion of the work the original certificate of occupancy No. 5854 permitting 407 seats was issued April 9, 1925, and further that the 13 ft. easement has been discontinued; that under Alt. Applic. No. 1177 of 1935, the existing required exit (10 ft. in width) was structurally altered and reduced to 8 ft. 6 in. in width, the two exit doors (each 5 ft. in width) were shifted to a new position at an angle to the normal width of the exit as a subterfuge for an exit 10 ft. in width; that the examiner originally rejected the application on the ground of insufficient width for the required exit, the objection was overruled under the notation "*satisfactory to the Commissioner*" on the objection sheet; that thereafter the application was approved, the work completed and certificate of occupancy No. 76046 was issued July 1, 1935, permitting 435 seats; that under section 503 of the building code the total required width of exits for the theatre in question is 21 ft. 9 in., one of such exits shall be not less than 10 ft. in width; that the total width of present exits is 20 ft. 4 in., the largest single exit being 8 ft. 6 in. in width, this width is further reduced when the doors are in an open position; that the above conditions constitute a fire hazard; and furthermore, that Alt. permit No. 990 of 1935, and certificate of occupancy No. 76046 of 1935 were illegally issued by the com-

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missioner of buildings and both should be revoked forthwith; and

WHEREAS, the site under appeal was the subject of an inspection by a committee of the board, verbal report of which inspection was made by the chairman in behalf of the committee and which report stated that it was the opinion of the committee that after eleven years of continuous occupancy under permit of the superintendent of buildings, the board would not be justified in setting aside this certificate of occupancy; and

WHEREAS, the board deemed that the decision of the commissioner of buildings should be affirmed.

Resolved, that the decision of the commissioner of buildings be and it hereby is *affirmed* and that the appeal for a revocation of occupancy be and it hereby is *denied*.

295-35-A.

APPELLANT—J. H. McDowell, for American Molasses Co., owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—101-13 Beard street, southwest corner of Richards street (Block No. 612, Lot No. 1 and part of Lot No. 64), Brooklyn.

APPEARANCES—

For Appellant: J. H. McDowell.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(295-35-A)

WHEREAS, J. H. McDowell, for American Molasses Co., owner, filed, October 25, 1935, an appeal from a decision of the commissioner of buildings affecting premises 101-13 Beard street, southwest corner Richards street (Block No. 612, Lot No. 1 and part of Lot No. 64), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings, rendered September 27, 1935, re App. No. 11749-1935, reads:

"Omitting standpipe system in a building over 10,000 sq. ft. in area and over 45 ft. in height, is contrary to Art. 28, Sec. 581, of the Building Code.";

and

WHEREAS, the proposed building in course of construction is fireproof, 4 stories (70 ft.) in height, 87 ft. by 149 ft. 8 in., irregular in area; OCCUPANCY: Manufacture of syrup, 15 persons on 1st story; 12 persons on 2nd story; 5 persons on 3rd story; 3 persons on 4th story; located within an unrestricted district; and

WHEREAS, the new building adjoins an existing one-story, non-fireproof warehouse at west, which warehouse is equipped with an approved dry pipe sprinkler system, 178 one-half-inch heads fed through a 6-in. connection from the private 8-in. main under Richards street, which is about 350 ft. in length and owned by the applicant; there is a post indicator valve in front of the building; the new building is divided into three parts; an office, the main building, the power house and also an outside loading platform; the main building is 10,759 sq. ft. in area and has one opening, 4 ft. 6 in. by 6 ft. 6 in. in the party wall, through which a conveyor operates to transfer materials to the existing one-story warehouse of 9,636 sq. ft. in area; communicating doorways to office and power house will be provided with fireproof self-closing doors; in lieu of the required standpipe system, the applicant proposes to install a sprinkler system in accordance with the requirements under the sprinkler rules; about 400 one-half-inch heads will be installed and controlled by a Class A dry-pipe valve, fitted with quick-opening device, the system to be connected with the six-inch existing underground connection on the street

side of the post indicator valve so as to provide an independent post indicator valve in front of the new addition; there is 48-lbs. average water pressure in the present 6-in. (Class C) connection under Richards street; furthermore, the applicant contends that the cost of a standpipe system required under the law would be less than the cost of the proposed sprinkler system, but does not provide as much fire protection; for this reason the applicant requests permission to omit the required standpipe system and install a system of greater fire protection.

Resolved, that the decision of the commissioner of buildings in connection with Application No. 11749-1935 be and it hereby is *modified* and that the appeal be and it hereby is *granted*, waiving the requirements for a standpipe system, on condition that the building shall be constructed of the height and area indicated on plans filed with this appeal and shall be protected throughout with a sprinkler system complying with the rules of the Board of Standards and Appeals; and, *granted* only so long as the building is occupied as proposed as a refinery and manufactory of the American Molasses Company.

308-35-A.

APPELLANT—Erwin Rebafka, for The Henry-William Company of the City of New York, owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—726-736 Greenwich street and 122-130 Perry street, southwest corner (Block No. 632, Lot No. 17), Manhattan.

APPEARANCES—

For Appellant: Erwin Rebafka.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative	0
Absent: Assistant Chief Kidney	1

THE RESOLUTION—

(308-35-A)

WHEREAS, Erwin Rebafka, for The Henry-William Company of the City of New York, owner, filed, November 1, 1935, an appeal from an order of the commissioner of buildings, affecting premises 726-736 Greenwich street, and 122-130 Perry street, southwest corner (Block No. 632, Lot No. 17), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated April 26, 1935 (No. 21238-F), reads:

"Install an approved standpipe system in accordance with the rules of the Board of Standards and Appeals, Sec. 580-1, Ch. 5, Art. 28, Code of Ordinances."; and the decision of the commissioner of buildings, rendered October 24, 1935, reads:

"In reply to your request for reconsideration and rescindment of Order No. 21238-F, which requires a standpipe system to be installed in the above premises, you are advised that reinspection shows the building to be 86 ft. in height.

"Under this condition, your request to rescind the order must be denied.";

and

WHEREAS, the building is fireproof, 7 stories in height, 104 ft. by 117 ft. in area; OCCUPIED: Cellar—storage; upper stories—offices, 6 persons each story; located within an unrestricted district; and

WHEREAS, the applicant contends the building was erected in 1898, no certificate of occupancy has been issued; that the building is occupied as a United States bonded warehouse where the storage of highly combustible materials is not permitted; that the housekeeping conditions are good; that according to records in the building department, the building is at the most 86 ft. in

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height and the floor area is less than 10,000 sq. ft., subdivided into two areas of about 3,000 and 6,000 sq. ft.; that standpipes were not required in buildings less than 100 ft. in height at the time when this building was erected; that during the past 37 years the existing conditions have caused no orders to be filed against the building; and furthermore, that strict compliance with the order would not only create an unnecessary hardship upon the owner but would very likely cause vacation of the building.

Resolved, that the order of the commissioner of buildings, No. 21238-F, be and it hereby is *modified* and that the appeal be and it hereby is *granted*, waiving the requirements for a standpipe system, *on condition* that there shall be installed such auxiliary fire-fighting appliances as the commissioner shall direct; and *granted* only so long as this building is used for its present purpose, *i.e.*, a bonded warehouse, and shall not be increased in height or area.

320-35-A.

APPELLANT—John J. Beatty, for Mary T. Beatty, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—88-110 Crown street south side, 220 ft. west of Bedford avenue (Block No. 1294, Lot No. 22), Brooklyn.

APPEARANCES—

For Appellant: John J. Beatty.

For Administration: Inspector Meyer, of fire department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(320-35-A)

WHEREAS, John J. Beatty, for Mary T. Beatty, owner, filed, November 7, 1935, an appeal from an order of the fire commissioner affecting premises 88-110 Crown street, south side, 220 ft. west of Bedford avenue (Block No. 1294, Lot No. 22), Brooklyn; and

WHEREAS, the order of the fire commissioner, dated October 15, 1935 (Order No. 66923-LC), reads:

"1. Remove all gasoline from the underground storage tank (capacity 1,080 gallons originally constructed for the storage of fuel oil, and discontinue the storage of gasoline in said tank for the reason that use of a storage tank of 1,080 gallon capacity for the storage of gasoline is a violation of Subdivision A, Section 112, Chapter 10, Code of Ordinances, New York, which reads as follows:

"Permits may be issued for the storage of petroleum and shale oil and the liquid products thereof and of coal tar in a manner satisfactory to the fire commissioner, in buildings or premises other than storage plants in quantities not to exceed the following—volatile inflammable oil (gasoline) 550 gallons.";

and

WHEREAS, the building is non-fireproof, one story and basement in height, 240 ft. by 131 ft. in area; OCCUPIED: as a garage for more than five motor vehicles; located within a business district; and

WHEREAS, the applicant claims the building was erected under Cal. No. 275-25-BZ, granted May 25, 1926, by the board for use as a garage for more than five motor vehicles; certificate of occupancy No. 42632 issued June 11, 1927, permitting the use as a "garage and service station for automobiles"; that by request of the applicant the application was reopened and modified by the board December 23, 1930,

on condition "that the business conducted on the premises be confined to that commonly known as service station for automobiles"; that the building was occupied as a service station for the Willys Overland Company until 1933, when they vacated the premises; that at present the Sanitation Department of the City of New York occupies the central and east sections and the Childrens' Bus Service Co. occupies the west section for storing motor vehicles; that the buried fuel oil tank of 1,080 gallons capacity was installed when the building was erected in 1926, but has not been used at anytime, either for fuel oil or for gasoline; that a 550-gallon gasoline tank was also installed which has been in use since 1926; that both tanks are imbedded in concrete one foot in thickness all around, and that all necessary inspections have been made as required by the fire commissioner; that this appeal is made for permission to use the 1,080-gallon tank for the storage of gasoline in addition to the existing 550-gallon gasoline storage tank located inside the building; and

WHEREAS, it appears that this tank is surrounded on all sides with 12 inches of concrete and that the tank has recently been tested by the fire department under date of September 17, 1935, which test shows that the tank and piping held under a 30-pound hydrostatic pressure test; and

WHEREAS, the tank is to be used solely for servicing trucks owned by the New York City Department of Sanitation and at all times under its exclusive control.

Resolved, that the order of the fire commissioner, No. 66923-LC, be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, permitting the existing underground storage tank to be used for storage of gasoline, *on condition* that it meets all test requirements and the rules and regulations governing the use of same and only so long as the tank is used for gasoline solely for servicing the trucks of the New York City Department of Sanitation and that the garage shall comply with all laws and regulations and the resolution of the Board of Standards and Appeals, under Cal. No. 275-25-BZ in all other respects.

348-34-A.

APPELLANT—Samuel Rosenblum, for The Mantrose Corporation, owner.

SUBJECT—Application for reopening—amendment—re Appeal from an order of the fire commissioner.

PREMISES AFFECTED—136-41st street (Block No. 716, Lot No. 20), Brooklyn.

APPEARANCES—

For Samuel Rosenblum and Morris A. Rosen.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum	3
Negative: Assistant Chief Kidney	1
Absent	0

THE RESOLUTION—

(348-34-A)

WHEREAS, the Mantrose Corp., owner, filed, December 11, 1934, an appeal from an order of the fire commissioner, affecting premises 136 41st street (Block No. 716, Lot No. 20), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner, dated Nov. 20, 1934 (No. 65459-LC), reads:

"With reference to application dated November 15, 1934, requesting permit for the storage and use of 18 one ton cylinders of chlorine gas, 8,000 pounds sulphuric

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acid and 150 barrels of denatured alcohol to be used in the manufacture of shellac at premises 136 41st street, Brooklyn, I regret to state that I am without power to grant a permit for the storage and use of 18 one ton cylinders of chlorine gas for the reason that the storage of 18 one ton cylinders of chlorine gas at the above premises is not in the interest of public safety and is dangerous to life.

"1. You are, therefore, ordered to remove all chlorine gas from the premises and to discontinue the further storage of chlorine gas on the premises. The storage and use of one ton cylinders of chlorine gas creates a dangerous condition and is a violation. Section 10, Chapter 10."

and

WHEREAS, the premises consist of a plot about 120 feet by 100 feet, upon which is erected a fireproof building, 3 stories (36 feet) in height, 60 feet by 100 feet in area; OCCUPIED for the manufacture of shellac and bleaching purposes; cellar, boiler room, 3 persons; 1st story, 16 persons; 2nd story, 8 persons; 3d story, 4 persons; located within an unrestricted district; and

WHEREAS, the appellant claims the building was erected in 1914; the present use started in 1924, operating with 150 pound chlorine gas cylinders until 1928; these cylinders were trucked daily to the plant through a distance of ten miles, unloaded and stored in an adjoining separate brick vault, from which the cylinders were brought into the building in question in groups of six, placed in a hot water vat, connected in series by piping to the absorption tower on the roof; the appellant considered such a method unsatisfactory especially of having about 1,000 pounds of chlorine gas directly in the main building; under approved building plan No. 11517 of 1928, and with full approval of the fire commissioner, a new one-story fireproof chlorine storage building 10 feet 6 inches by 57 feet was erected 49 feet 6 inches distant from the main building for the storage of 17 one-ton drums of chlorine gas and one drum in active service, kept in a waterproof chamber, which is connected by piping with an underground liquid caustic soda tank of 10,000 gallons, having a 3-inch flood valve manually operated on the outside of the building; the chlorine gas issues from the active drum through piping on the exterior of the building to the roof absorption tower and descends to storage tanks in the main building as sodium hypochlorite, which is not dangerous; the owners expended about \$18,000 for installing the chlorine gas storage system; the building is sprinklered and designed so as to practically eliminate all hazards; the plant has been in operation since 1928 under yearly permits regularly issued by the fire commissioner; the only question raised is the handling of chlorine gas in one-ton drums; these approved chlorine drums classified as type No. 106A500 are delivered from a float to a railroad car of special approved construction and transported direct to a railroad siding adjoining the chlorine storage building where they are arranged in the waterproof chamber by means of a three-ton crane; the entire transportation of the chlorine is under the jurisdiction of the Interstate Commerce Commission and Federal supervision up to the very instant when the chlorine is delivered to the building; Section 3, Article 1, Chapter 10, of the Code of Ordinances states: "Nothing contained in this chapter shall be construed as applying to the transportation of any article or thing shipped in conformity with the regulations prescribed by the Interstate Commerce Commission; furthermore, the appellant contends that the chlorine gas does not enter the main building at any time, all safety measures required by the fire commissioner prior to approval were complied with; watchman's service is maintained every hour of the year when the plant is not in operation; certificate of occupancy No. 74550 is in force for the present use; the sudden refusal of the fire commissioner to reissue the yearly operating permit creates an unnecessary hardship upon the owner; and

WHEREAS, a committee of the board visited these premises and reported as follows:

REPORT OF COMMITTEE OF INSPECTION.

June 17, 1935.

Cal. No. 348-34-A.

Premises—136 41st street (Block No. 716, Lot No. 20), Brooklyn.

The Mantrose Corporation engaged in the bleaching of shellac and manufacturing of shellac varnish, have been using liquid chlorine since 1915 and since 1928 have obtained annually permits to store 18 one ton cylinders of liquid chlorine stored in an approved vault. Upon consultation with the fire department, storage of chlorine was removed from their main building and isolated in a brick fireproof building erected in their yard. Approved I.C.C. cylinders are delivered by means of a crane and hoist operating on a track directly from the flat car on their siding into this building. The jurisdiction over the transportation of these cylinders is a Federal matter subject to the regulations of the I.C.C. and New York's responsibility commences with delivery at the premises.

It appears that, unlike the circumstances in Calendar No. 216-34-A, the Board of Hazardous Trades did not report on this installation and use as the installation had already been approved by the fire commissioner under Alteration No. 624 of 1925. The method of handling and the safeguards are substantially the same as was recommended and put into force for a similar occupancy at 52 Warren street. What this committee has said in general as to that installation applies here. After granting permits year by year since 1927 notice by the fire commissioner was served by order No. 65459-LC on November 20, 1934, that the permit would not be renewed. This appeal is from that decision.

The committee has visited this installation, seen the unloading of cylinders and connections made to the feed line and observed the construction, safeguards and methods of operation.

There is here, as at 52 Warren street, considerable investment and a going industry dependent on the use of liquid chlorine for the bleaching of shellac.

The committee recommends that the order of the fire commissioner be modified and the appeal granted for one year on condition that the number of cylinders at no time exceed 18; that such cylinders shall be stored only in the present fireproof tank storage building as approved; that not more than one cylinder be opened or drawn from at one time and that the present protection as to sprinklers and caustic soda flooding be continued and in addition that the following requirements be made:

1. That the cylinder being drawn from shall be supported on rigid steel saddles and strapped in place to prevent movement until emptied.

2. That the connection from tank to feed line be by means of a heavy clamp or valve with lead squeeze washers; that the flexible pipe from the tank valve to the feed pipe be extra heavy brass or copper with an approved union connection to the feed pipe and that this flexible pipe be as short as practicable and kept free from sharp bends or kinks.

3. That after working hours the valve at the cylinder shall be kept closed.

4. That in addition to the present pump and piping from buried caustic soda tank that a separate 1,000 gallon tank be installed on the roof directly over the pit in which the cylinder being drawn from is located; that this be kept filled with caustic soda and that there shall be a 3-inch discharge line into this pit, controlled by an easy opening valve located directly outside the exterior door and properly marked; that the soda flood line to the reserve storage tank shall be branched with 2-inch lines so that soda can be readily distributed at

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intervals of not over ten feet. That the pump shall be housed in a fireproof enclosure in which the electric switch controlling same shall be located and switch removed from present location in stairhall.

5. That the feed line shall be new, extra heavy galvanized seamless wrought iron encased within a two inch iron pipe. That this piping shall be rigidly and firmly supported at short intervals for its entire length and the exterior surfaces kept well painted; that there shall also be a shut-off valve at the mixing tank.

6. That the equipment for handling the cylinders shall be an approved track and travelling crane and hoist of not less than two tons capacity self-locking in type and with positive travel motion.

7. That the gas masks shall be of the type approved for use against chlorine gas by the U. S. Bureau of Mines. Two masks shall be in the chlorine storage room, two immediately outside, one in the watchman's office and one in the chief chemist's office. All shall be located so as to be readily accessible.

8. That during working hours at least two persons shall hold certificates of fitness issued by the fire commissioner after examination at the premises as to their qualifications, knowledge of the equipment and familiarity with the use of gas masks.

9. That at night, the plant shall be subject to hourly inspection by a watchman who shall also hold a similar certificate of fitness.

10. That the captain in charge of the local police station shall be notified of the chlorine storage and be permitted to detail such men as he deems necessary to familiarize themselves with the installation.

11. That the requirements of all laws, ordinances and rules shall be complied with.

12. That new plans be filed to comply with the boards' resolution incorporating the construction and equipment as approved under alteration application 624 of 1925 and adding the additional requirements made herein and also showing extension to unloading platform with part removable to replace present loose I beams used.

(Signed) HARRIS H. MURDOCK, *Chairman.*
BERNARD A. SAVAGE,
CHARLES M. BLUM,

Committee.

and

WHEREAS, this appeal was granted by the board June 18, 1935, on certain conditions and appellant requested an amendment of the resolution.

Resolved, that the order of the fire commissioner, dated November 20, 1934, No. 65459-LC, be and it hereby is modified and that the appeal be and it hereby is granted, permitting the use and storage of liquified chlorine in one-ton cylinders, on condition that not more than eighteen (18) such cylinders shall be stored on the premises; and that the requirements approved by the fire commissioner under Alteration No. 624-25 shall be complied with; that the additional requirements as embodied in the report of the committee of the board, dated June 17, 1935, shall also be complied with except as to Item No. 1 of said report which is amended to read:

"(1)—That the cylinder being drawn from shall be supported with very rigid steel or reinforced concrete saddles and strapped into place to prevent movement until emptied."

and except as to Item No. 4 of said report which is amended to read:

"(4)—That in addition to the present pump and piping from buried caustic soda tank, a separate 600-gallon tank shall be installed within the chlorine storage room, as indicated on plans marked 'Received November 19, 1935,' and directly over the pit in which the cylinder being drawn from is located; that there shall be a 3-inch discharge

line into pit controlled by an easy-opening valve located directly outside the exterior door and properly marked; that the main flood line from the buried tank shall be branched with 2-inch lines so that soda can be readily distributed at intervals of not over 10 ft. into the storage tank; that the pump shall be housed in fireproof enclosure, in which the electric switch controlling same shall be located and the switch removed from present location in stairhall."

that in order to bring the plans filed up to date and to incorporate the additional requirements, revised plans shall be filed with and approved by the fire prevention division; that this modification shall continue for one year from June 18, 1935.

93-35-A.

APPELLANT—Adolph H. Schmedtje, owner.

SUBJECT—Application for reopening—amendment—Appeal from an order and a decision of the commissioner of buildings and an order of the fire commissioner.

PREMISES AFFECTED—418 East 115th street (Block No. 1708, Lot No. 41), Manhattan.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(93-35-A)

WHEREAS, Adolph H. Schmedtje, owner, filed April 8, 1935, an appeal from an order and a decision of the commissioner of buildings and an order of the fire commissioner, affecting premises 418 East 115th street (Block No. 1708, Lot No. 41), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated January 17, 1935, re Order No. 18797-F, reads:

"14. Discontinue and remove the direct method of refrigerating from that part of the building prohibited by Section 219, Chapter 10, Code of Ordinances."

and

WHEREAS, the decision of the commissioner of buildings, dated March 18, 1935, reads:

"In reference to Order 18797-F pending against premises 418 East 115th street, New York City, please be advised that this department is without power to rescind this order and it will be necessary for you to appeal to the Board of Standards and Appeals, Room 1000, Municipal Building, Manhattan."

and

WHEREAS, the building is non-fireproof, 3 stories (48 feet) in height, 25 feet by 97 feet in area; OCCUPIED as a brewery; cellar, 19 steel beer tanks; 1st story, 8 steel beer tanks; 2nd story, refrigerating machinery; 3rd story, brewing machinery; located within a business district; and

WHEREAS, the applicant claims the building was erected in 1921, certificate of occupancy issued April of 1933; the refrigerating plant on the second story consists of two compressors, condensers, receiver and brine tank, using 200 pounds of ammonia for the refrigerant; the plant is operated mainly by the indirect method except the two coolers on

MINUTES

the 1st story are refrigerated by the direct method; there is about 20 feet of flow and return ammonia pipe lines extending to the two coolers on 1st story, having a maximum pressure of 120 pounds on the high pressure side and 30 pounds on the low pressure side; furthermore, each compressor is equipped with a pressure limiting device which will stop the machine at 270 pounds pressure and also a safety valve set at 300 pounds; under such conditions no objection should be made to the plant; and

WHEREAS, upon motion of the applicant the order issued February 1, 1935, by the fire commissioner, No. 5051-LC, was incorporated as a part of this appeal, such order reading as follows:

1. Cut off all elevator shafts leading into refrigerating machinery rooms as per Section 220-1-(a) of Chapter 10.

2. Discontinue the use of any fire, open flames or arc light in refrigerating machinery room, as per Section 221-1 of Chapter 10.

3. Have person in charge of the operating of the refrigerating system during each shift secure a license or a Certificate of Qualification from the Boiler Squad, Department of Buildings, Municipal Building, Manhattan, as per Section 217 (a), Chapter 10.

4. Remove all stop valves located between the pressure limiting device and that part of the system protected thereby, as per Section 224-2 (a) of Chapter 10;

and

WHEREAS, the building is occupied throughout as a brewery by one tenant; and

WHEREAS, it appears that Items 2, 3 and 4 of Order No. 5051-LC of the fire commissioner have been complied with; and

WHEREAS, it was not the intention of the board to require a partition on the 3rd story.

Resolved, that the Board of Standards and Appeals does hereby correct the resolution adopted May 7, 1935, so that as corrected it shall read:

Resolved, that the order of the fire commissioner, No. 5051-LC, be and it hereby is *modified* as to Item 1 and that the appeal be and it hereby is *granted on condition* that there shall be erected a tight wood sheathing partition from floor to ceiling on the 2nd floor separating the elevator shaft from that portion of the building in which the refrigerating system is installed and that any openings in this partition for access shall be equipped with wood doors, close-fitting and self-closing; that this modification is granted only so long as the building is occupied by one tenant; and that the order and decision of the commissioner of buildings No. 18795-F be dismissed.

VARIATION OF LABOR LAW.

275-35-S.

APPLICANT—Frank V. Laspia, for Refined Macaroni Company, owner.

SUBJECT—Variation of the labor law as cited in a decision of the health commissioner.

PREMISES AFFECTED—225-227 Cook street, north side, 175 ft. east of White street (Block No. 3118, Lot No. 30), Brooklyn.

APPEARANCES—

For Applicant: Michael Agusta.

For Administration: Chief Supervisor Isaac Hirsch, of health department.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(275-35-S)

WHEREAS, Frank V. Laspia, for Refined Macaroni Company, owner, filed, October 8, 1935, an application for a variation of the labor law as cited in a decision of the health commissioner, affecting premises 225-227 Cook street, northside, 175 ft. east of White street (Block No. 3118, Lot No. 30), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of health, dated September 17, 1935, reads:

"Macaroni bakery—application denied.

"This is to certify that I have made an inspection of the above-mentioned establishment and found the following violations:

"(1) Entire cellar mfg. room not 10 ft. in height;

(2) Yard and court not 6 in. below floor of cellar.";

and

WHEREAS, the building is non-fireproof, 4 stories in height, 40 ft. by 95 ft. 6 in. in area; OCCUPIED: for the manufacture of macaroni; cellar, 5 persons; 1st and 2nd stories, 3 persons each story; 3rd and 4th stories, 20 persons each story; EQUIPPED with a sprinkler system; and

WHEREAS, the applicant contends that the building was erected in 1916; that Alt. App. No. 9843 of 1930 was approved by the superintendent of buildings to excavate yard and 23 ft. of westerly yard court to a point 6-in. below cellar floor, the balance of the westerly court and the entire easterly court were to remain undisturbed, also to remove water closets from the cellar, the cellar to be 10 ft. in height; all work was completed in accordance with approval except the yard level was made 11 in. above cellar floor, the portion of westerly court finished 7 in. above cellar floor and retaining walls were erected in yard and court along lot lines; that the height of cellar varied from 10 ft. in height at front to 9 ft. 9 in. in height at rear; that certificate of occupancy No. 73846 was issued July 12, 1934, permitting the manufacture of macaroni in cellar; 1st and 2nd stories, total of 11 persons; and factory work on 3rd and 4th stories, 20 persons each story; that there is no bake oven in the cellar, the macaroni is manufactured by machinery operated by electric power; furthermore, the applicant contends that strict compliance with the order would involve a great financial hardship and would interfere with the carrying on of the business; that the present condition of the cellar is good with ample light and ventilation; and

WHEREAS, a committee of the board inspected these premises on November 14, 1925, and a verbal report by the chairman stated that the committee found the conditions good, the basement being well ventilated and that the objections raised were purely technical; that the plans filed with the commissioner of buildings showed the rear yard to be 6 in. below the cellar floor; that owing to the difficulty of obtaining sufficient pitch to permit the rear yard to drain to the sewer, the elevation of the rear yard is not carried down to the required point, namely 6 in. below the cellar floor, but is approximately at cellar floor level or slightly above; that the doors opening from the basement into this rear yard have a concrete sill, so that there is 6 in. or more of sill above the yard level.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the requirements of the labor law, and that the application be and it hereby is *granted*, modifying the decision of the commissioner of health, dated September 17, 1935, as to section 338 of the labor law, so long as this building is used as at present and the general conditions are maintained.

APPLIANCES SUBMITTED FOR APPROVAL

310-35-SA.

APPLICANT—The Viking Manufacturing Co., owner.

SUBJECT—Viking Pot Type Space Heater, Models 120, 165 and 170, approval of.

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APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on reserve callendar and referred to engineer of board for test and report.

321-34-SA.

APPLICANT—Hoben Mfg. Co., owner.

SUBJECT—Shawmut "Junior" Range Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(321-34-SA)

WHEREAS, this application was filed with the Board of Standards and Appeals, by the Hoben Mfg. Co., owner, for the approval of their device known as the Shawmut "Junior" Range Burner; and

WHEREAS, the applicant has failed to provide a location where this appliance could be tested, though duly notified to do so.

Resolved, that this application be and it hereby is *dismissed* for lack of prosecution.

322-34-SA.

APPLICANT—Hoben Mfg. Co., owner.

SUBJECT—Shawmut "DeLuxe" Range Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(322-34-SA)

WHEREAS, this application was filed with the Board of Standards and Appeals, by the Hoben Mfg. Co., owner, for the approval of their device known as the Shawmut "DeLuxe" Range Burner; and

WHEREAS, the applicant has failed to provide a location where this appliance could be tested, though duly notified to do so.

Resolved, that this application be and it hereby is *dismissed* for lack of prosecution.

139-35-SA.

APPLICANT—Super Oil Heet Company for Syncro-Flame Burner Corporation, owner.

SUBJECT—Syncro-Flame Oil Burner—re Amendment—to include the approval of Model RH.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Model RH approved in accordance with report of engineer of the board, and bureau of combustibles, fire department.

THE VOTE TO APPROVE MODEL RH—

Affirmative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(139-35-SA)

WHEREAS, Super Oil Heet Company, for Syncro-Flame Burner Corporation, owner, filed, May 28, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Syncro-Flame Oil Burner, Model R; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner is of the low-pressure, mechanical draft, gun type and consists of the following parts:

A Century one-sixth (1/6) horse power motor; a Syncro-Flame 6-Blade rotary pump and a Webster transformer; a Sirocco type fan and Syncro-Flame nozzle. Ignition, electric continuous. Controls, in this installation the burner was equipped with a united flame control manufactured by the United Electric Company and a Minneapolis Honeywell Aquastat, type L-416. However, the burner is so designed that any of the standard controls may be used, according to the requirements of the specific installation.

This burner employs low-pressure air of about two (2) pounds per square inch for atomizing the oil. This air under pressure is supplied by the compressor or pump which is attached directly on the motor shaft. The primary air is admitted from a special fitting with a small orifice which is located in the highest point in the fuel oil supply line from the tank when the burner is not running as it simply flows back into the tank when the burner stops. The pump produces a vacuum on the inlet side sufficient to draw the oil from the tank irrespective of the size or location of the tank. The air and oil enter together through the float valve into the float chamber until the level raises sufficiently so that the float closes the valve and also breaks the vacuum within the float chamber. The meter valve found at the bottom of this chamber is adjusted to deliver the desired amount of oil to the pump and the air that has been admitted to the chamber passes along with the oil. Additional air is supplied through the motor housing to the pump so that there is sufficient air for atomizing the oil as it leaves the nozzle. At the tank there is provided a glass filter unit.

The burner was tested with both hot and cold combustion chambers and the flame control was set to shut the burner down when the flame was extinguished at the end of fifty (50) seconds. Several tests were made of the controls both with and without fire and they operated as designed.

During the period of the tests there were no flare-backs due to faulty ignition and the flame was clear and free from smoke and soot. Examination of the combustion chamber showed that there were no undue carbon deposits.

This burner has a capacity up to two and one-half (2½) gallons an hour and may be used for burning fuel oils of commercial grades 1, 2, 3 and 4.

As a result of these tests it is recommended that the Syncro-Flame Oil Burner, Model R, be approved for domestic, commercial and industrial use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15th, 1934, for oil not heavier than No. 4;

and

WHEREAS, this Model (R) was approved by the board July 2, 1935, and applicant requested an amendment of the resolution to include the approval of Model RH; and

WHEREAS, this Model RH was submitted for test and report and a report submitted reading:

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This oil burner unit, Model RH, is of the pressure atomizing mechanical draft type and consists of the following:

A Century 1/6 H.P. motor.

A Sirocco type pan.

A Sundstrand pump.

A regulating and cut-off valve and strainer manufactured by the manufacturer of the burner, namely, the Super Oil Heet Company.

CONTROLS:

The burner comes equipped with standard controls, these used at the time of the test were a Mercoid Pyra-therm type, SN-V and a Mercoid Steam switch.

With the oil supply shut off and a cold combustion chamber, the oil burner was operated and on two successive tests the pyra-therm shut down the unit in 84 and 87 seconds, respectively. The oil supply was then turned on and the burner put in operation and the controls tested for a period of approximately 70 min. During the period of the test, there was no fluctuation in flame and the same was clear and free of soot and smoke. Examination of the combustion chamber showed no undue carbon deposits.

As a result of the above inspection and test, it is recommended that this burner be approved for domestic and commercial use when installed in accordance with the provisions of the oil burner rules adopted by the Board of Standards and Appeals, July 12, 1935.

Resolved, that the Board of Standards and Appeals does hereby *approve* the Syncro Flame Oil Burner, Model R, for domestic, commercial and industrial use and Model RH, for domestic and commercial use, when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals, and when used with fuel oil not heavier than No. 3 for domestic use, and not heavier than No 4 for commercial and industrial use, *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 139-35-SA.

Adjourned, 5:10 p. m.

EDWARD V. BARTON, Chief Clerk.

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

Name of Burner	Calendar No.	Name of Burner	Calendar No.
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Water Heater Assembly.....	250-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Aetna Range Oil Burner	29-35-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Air-O-Flame Space Heater, Models 108 and 810 (pot type).....	190-35-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Air-O-Flame Space Heater, Models 71, 91, 1572 and 1582 (sleeve type).....	206-35-SA	Majestic Range Oil Burner, Models 27B and 27T	180-35-SA
Air-O-Flame Range Burner.....	236-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	National Range Oil Burner.....	361-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	No-Wyck-Koaleess Range and Stove Oil Burner	251-34-SA
Bland Range Oil Burner	234-34-SA	Odin Beauty (Space Heater), Models 61, 62, 91 and 92.....	233-35-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	Putnam Range Oil Burner	54-35-SA
Champion Range Oil Burner, Models A and B	291-34-SA	Quaker Burnoil Stove	11-31-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Quick Meal Range Burner.....	304-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Fairfax Range Burner	302-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Florence Oil Heater. Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Serv-Well Range Oil Burner, Models 27B and 27T	165-35-SA
Florence Oil Space Heater, Models PH-28 and PH-8	172-35-SA	Silent Glow Range Oil Burner.....	172-34-SA
Florence Range Burners.....	219-34-SA	Silent Heet Oil Burner for Ranges and Stoves	592-32-SA
Fox Range Oil Burner.....	200-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Superfex Oil Burning Heater and Heat Projector, Model No. 1051	491-31-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Tower Range Oil Burner	126-33-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Vap-R-Oil Oil Burner for Ranges and Stoves	592-32-SA
Kolrid Range Burner.....	48-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Viking Range Oil Burner and Range Oil Burning Heater. Models 20, 30, 60, 65, 70 and 80	333-34-SA
Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA	Viking Range Water Heater, Models 222, 232 and 242	65-35-SA
Loyalty Range Burner	302-34-SA		

PUBLIC HEARING

[262-35-SR]

NOTICE IS HEREBY GIVEN that a public hearing will be held by the Board of Standards and Appeals on Friday, December 6, 1935, at 10 A. M., Room 1013, Municipal Building, on Proposed Rules for Liquefiers used to convert solid carbon dioxide to a liquid and/or a gas.

RULES FOR LIQUEFIERS USED TO CONVERT SOLID CARBON DIOXIDE TO A LIQUID AND /OR A GAS, IN ACCORDANCE WITH THE PROVISIONS OF SECTION 214, ARTICLE 17 OF CHAPTER 10 OF THE CODE

OF ORDINANCES

Rule 1. Certificate of Approval.

A Certificate of Approval shall be obtained by the manufacturer from the Fire Chief and Commissioner for each type of liquefier or converter to be used for the conversion of solid carbon dioxide to liquid carbon dioxide. A Certificate of Approval shall also be obtained from the Fire Chief and Commissioner for each system used to convert solid carbon dioxide to liquid carbon dioxide for filling portable cylinders or other containers.

Rule 2. Certificate of Fitness.

A Certificate of Fitness must be obtained for each operator of a liquefier system used to convert solid carbon dioxide to liquid carbon dioxide for filling portable cylinders or other containers.

Rule 3. Inspection Test Report.

A disinterested inspection service, approved by the Fire Chief and Commissioner, shall inspect all material and workmanship of all liquefiers at the place of manufacture and shall verify compliance with these Rules, witness all tests and shall furnish the Fire Chief and Commissioner with a test report as follows:

- A. Test reports for liquefiers, other than redesigned portable cylinders, shall show all information called for in paragraph 23, I. C. C. Specification 3A, except as follows:
 1. "Marks stamped into shoulder of cylinder." This shall be as per Rule "11 Marking" hereinafter specified. Actual markings shall be shown on test report
 2. "Record of hydrostatic tests." This shall be as per Rule "9 Testing" hereinafter specified.
 3. Statement shall be furnished that liquefier covered in said test report comply with these Rules, and Certificate of Approval Number for the type of liquefier covered in said test report.
- B. Test report for converted portable cylinders for liquefier use shall show for each converted cylinder the following:
 1. Liquefier Serial Number.
 2. Original number of cylinder used for conversion.
 3. Original ownership initials of cylinders used for conversion.
 4. Original I. C. C. marking of cylinder used for conversion.
 5. Original manufacturing test date of cylinder used for conversion, and name of original manufacturer.
 6. Test pressure applied to cylinder before conversion.
 7. Total expansion obtained on cylinder before conversion.
 8. Permanent expansion obtained on cylinder before conversion.
 9. Per cent expansion obtained on cylinder before conversion.
 10. Elastic expansion obtained on cylinder before conversion.
 11. Outside diameter and length of cylinder before conversion.
 12. A statement that the above cylinders before conversion into liquefiers were tested in a water jacket in accordance with these Rules and I. C. C. Regulations and the results appear above.

13. A statement that the bottom thickness, opening for cover plate and distance across the corner where the side wall meets the bottom and at 45° to the side wall, was measured and the dimensions were found to conform with Rule 6, F, G, H and I.
14. A statement that after assembly each liquefier was given an open hydrostatic test to 3,000 lbs. and this pressure was held for at least two minutes without showing a pressure recession of more than 75 lbs.
15. The liquefier was marked as follows: (See Rule "11 Marking" for requirements.)
16. A statement that these liquefiers conform to these Rules, and that the type of liquefier has been approved under New York City Fire Department Certificate of Approval Number

Rule 4. Construction Other Than Screw Thread Type.

New liquefiers designed for the purpose of converting solid CO² to liquid CO² must be constructed of seamless drawn steel in accordance with Specifications of I. C. C. governing cylinders for CO². Closure devices other than screw thread type shall conform with the following:

- A. The minimum wall thickness for a test pressure of 3,000 lbs. per sq. in. shall be in accordance with the following formula:

$$t = \frac{OD \times P \times .43}{S}$$

S

Where OD = Outside diameter of container.

t = Wall thickness.

P = 3,000 lbs. PSI.

S = Minimum yield point of steel (not to be figured in excess of 50,000 lbs.).

- B. The "Bottom" is defined as that portion of the liquefier in which the closure device is installed.
- C. The minimum thickness of the bottom before machining shall be at least 3½ times the wall thickness.
- D. The minimum thickness of the bottom after machining shall be at least 3 times the wall thickness.
- E. The minimum distance from edge of the hole cut or shaped for the closure device to the outside of wall shall be 4½ times the wall thickness.
- F. The maximum width of the machined seat shall not be more than 1½ times the wall thickness.
- G. The outside radius connecting the bottom of the liquefier to its side wall shall not be more than 1½ times the wall thickness.
- H. The inside radius connecting the side wall to the bottom before machining, shall not be less than 2½ times the wall thickness.
- I. A large fillet shall be provided in the corner of the machined seat where it meets the inside radius.

Rule 5. Construction Screw Thread Type.

New liquefiers designed for the purpose of converting solid CO² to liquid CO² must be constructed of seamless drawn steel in accordance with specifications of I. C. C. governing cylinders for CO². Closure device of the screw thread type shall conform with the following:

- A. The minimum wall thickness for a test pressure of 3,000 lbs. per sq. in. shall be in accordance with the following formula:

$$t = \frac{OD \times P \times .43}{S}$$

S

Where OD = Outside diameter of container.

t = Wall thickness.

P = 3,000 lbs. PSI.

S = Minimum yield point of steel (not to be figured in excess of 50,000 lbs.).

- B. The thread of the device shall be designed with a factor of safety of not less than 4 at a test pressure of 3,000

PUBLIC HEARING

lbs. per sq. in. and the wall thickness after cutting thread shall not be less than that specified in Rule 5-A above.

Rule 6. Conversion of Portable Cylinders for Liquefier Use.

- A. Seamless portable cylinders made to I. C. C. Specification 3 or 3A for oxygen or carbon dioxide and originally designed and used for the transportation of compressed or liquefied gases shall be acceptable for alteration or conversion into carbon dioxide liquefiers only under the following conditions.
- B. Cylinders which have been in a fire must not be used for conversion into liquefiers until they have been properly heat treated and retested as specified in paragraph 423, of the I. C. C. Regulations.
- C. Cylinders which show surface dents, or which fail to give a clear ring on being struck with a hammer, or cylinders of the quenched type shall not be used for conversion into liquefiers.
- D. Before conversion into liquefiers, each cylinder shall be submitted to a hydrostatic test of 3,000 lbs. pressure in a water jacket under the conditions specified in paragraph 424 of the I. C. C. Regulations and the total and permanent expansion shall be recorded. A cylinder must be condemned when it leaks or when the permanent expansion exceeds 10 per cent of the total expansion.
- E. If in the hydrostatic test in the water jacket the net elastic expansion (total expansion less permanent expansion) at 3,000 lbs. exceeds the allowable limit given in the following table for the type of cylinder involved, such cylinder shall not be used for conversion into a liquefier. If the cubic capacity of a cylinder to be tested varies from the standard capacity given in the table for that type, then the allowable limit of elastic expansion will be varied in the same proportion.

TABLE I.

Type	Cubic Capacity	Elastic Expansion Allowable Limit
220 ft. oxygen	2,660 cu. in.	170 c.c.
200 ft. oxygen	2,660 cu. in.	170 c.c.
50 lbs. CO ²	2,360 cu. in.	150 c.c.

- F. No cylinders designed and used for a portable container shall have the thickness of the side wall reduced by any cutting of threads in the process of conversion into a liquefier, except as specified in Rule "5-B Construction Screw Thread Type."
- G. If the closure is formed by using a portion of the former bottom as a seat, this shall only be permissible if the dimensions of the liquefier conform to those shown in the Tables II, III and IV.

TABLE II.

Type	Minimum Bottom Thickness
220 ft. oxygen	.66 in.
200 ft. oxygen	.66 in.
50 lbs. CO ²	.66 in.

TABLE III.

Type	Maximum Opening Permitted
220 ft. oxygen	6 1/8 in. x 7 1/8 in.
200 ft. oxygen	6 1/8 in. x 7 1/8 in.
50 lbs. CO ²	5 3/4 in. x 6 3/4 in.

TABLE IV.

Type	Minimum Thickness across corner at Point where the outside of the side wall meets the inside radius of bottom and at 45° to side wall.
220 ft. oxygen	5/8 in.
200 ft. oxygen	5/8 in.
50 lbs. CO ²	5/8 in.

- H. The maximum width of the machined seat for the gasket of liquefier shall be 5/16 in., and the inside radius connecting this seat to the side wall of the cylinder shall not be less than 1/8 in.

- I. The minimum thickness of closure plate shall be 5 times the wall thickness of the cylinder. The closure plate shall be of a good grade of billet steel. Castings not permitted.

Rule 7. Spuds.

Spuds for chain connections or for reinforcing valve or pipe connections of not over 3/4 in. pipe size shall be welded before heat treatment at place of manufacture of the liquefier.

Rule 8. Safety Devices.

Each liquefier shall be provided with two safety devices of frangible disc type attached to the liquefier at a point not lower than 6 inches from the top. The cross section area of the discharge channel, or channels (of the safety device, or devices) must be at least .006 sq. in. for each 25 lbs. of liquefier water capacity and .00024 sq. in. additional for each additional pound of water capacity. Safety devices having two or more outlets must be so constructed that these outlets will have a combined total area of not less than one and one-half times that prescribed for the safety discharge channel. The frangible disc of the safety devices shall be designed to release at a pressure of not more than 2,000 lbs. per sq. in.

Rule 9. Testing.

Each liquefier after assembly shall be tested hydrostatically by an approved independent testing agency for not less than two minutes to a pressure of 3,000 lbs. per sq. in. without showing a pressure recession of more than 75 lbs. per sq. in. The inspection service shall file a satisfactory record on test report stating that the liquefier passed the above required test.

Rule 10. Quinquennial Test.

Liquefiers used for any purpose shall be retested at least every five years to a pressure of 3,000 lbs. per sq. in. in the same manner and under the same requirements as at the time and place of manufacture and the date of retest shall be stamped thereon.

Rule 11. Marking.

Each liquefier shall bear marking as follows:

- A. Name of owner.
- B. Serial number.
- C. Name or trade mark of manufacturer.
- D. Date of manufacture.
- E. Test pressure.
- F. Inspection service mark.
- G. Maximum filling charge based on filling to not more than 68 per cent of the water content by weight.

Rule 12. Filling.

Each liquefier shall be placed and used in a vertical position with filling effected through top and properly secured.

Rule 13. Maximum Charge.

Liquefiers shall not be filled with solid carbon dioxide in excess of 150 lbs. nor in excess of 68 per cent by weight of the water capacity of the liquefier.

Rule 14. Use of CO² Systems and Liquefiers.

- A. Carbon dioxide liquefier converting systems for filling portable cylinders shall not be used in a dwelling and/or multiple dwelling, and/or place of public assembly, and/or any building not used exclusively for manufacturing purposes.
- B. Except in buildings used exclusively for the manufacture of carbon dioxide or other compressed gases, not more than 8 liquefiers of a maximum combined capacity of 1,200 lbs. of carbon dioxide shall be headed in a battery and not more than one such battery shall be permitted in a building.

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- C. Liquefiers may be manifolded only by the use of extra heavy steel or wrought iron pipe, or extra heavy seamless copper or brass tubing, of not larger than $\frac{3}{4}$ in. I. P. S. Fittings shall be high pressure forged steel or extra heavy bronze hydraulic type.
- D. Each manifold shall be protected by a frangible disc safety device of the same size and type as those prescribed for the liquefier, and designed to release at a pressure of not more than 2,000 lbs. per sq. in. In addition, the liquid manifold shall be protected by a spring safety valve so set as to relieve the pressure at not more than 1,600 lbs. per sq. in.

Rule 15. Test of Piping.

Each liquefier and/or battery of liquefiers to be used for the filling of portable cylinders or other containers with liquid carbon dioxide and all the piping connected thereto shall be hydrostatically tested in the presence of the representatives of the Fire Chief and Commissioner before the carbon dioxide is first put into the system. A hydrostatic pressure of 2400 lbs. per sq. in. shall be maintained for fifteen minutes, released for five minutes, and again applied for a period fifteen minutes without any visible leak or reduction of pressure. This test shall be repeated at least every five years

Rule 16. Approval Systems for Filling Portable Cylinders.

Each liquefier and/or battery of liquefiers used for filling portable cylinders or other containers shall be permanently labeled or marked showing the Fire Department Certificate of Approval Number together with date of last test.

Rule 17. Acceleration.

Defrosting, or acceleration of liquefaction, shall be by use of water only, the water shall be of a temperature not above 85° Fahrenheit.

Rule 18. CO² Portable Cylinders.

- A. Portable cylinders or other containers to be filled with liquid carbon dioxide must be constructed and marked in accordance with the Specifications of the Interstate Commerce Commission for carbon dioxide cylinders and must have been tested within intervals of not more than five years as evidenced by official marking. Cylinders not so constructed and marked must not be filled with carbon dioxide.
- B. The maximum filling of liquid carbon dioxide, with one pound allowable variation in each cylinder, must not be over 20 lbs. for standard cylinders $5\frac{1}{2}$ in. in diameter by 51 in. long, nor over 50 lbs. for standard cylinders $8\frac{1}{2}$ in. in diameter by 51 in. long and larger. No cylinder shall be filled with carbon dioxide to more than 68 per cent of the water capacity, by weight, of the cylinder.
- C. The amount of liquid carbon dioxide charged into portable cylinders or other containers must be determined by weight by use of a dial scale having a movable indicator, and this weight must also be checked after disconnecting from the charging line.
- D. Liquefiers or converters to which these rules and regulations cannot be applied, may be maintained and operated subject to such conditions as are deemed necessary by the Board of Standards and Appeals in the interest of public safety.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

<i>Name of Pump</i>	<i>Calendar No.</i>	<i>Name of Pump</i>	<i>Calendar No.</i>
American Marsh Duplex	638-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
American Marsh Simplex	639-25-SA	M. D. Rotary	52-27-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Monroe Oil Pump	658-26-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Northern Rotary	1396-24-SA
Beach Russ Co. Rotary	1134-22-SA	Pascoe Pump Set	1029-26-SA
Blackmer Rotary	935-24-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Quiet May Gerotor Pump	267-32-SA
Century Rotary	908-21-SA	Quimby Screw Pump	1193-21-SA
Cook Electric Oil Pump	603-25-SA	Range-O-Matic Oil Pump, Model 50 and Suction Model	102-35-SA
Davidson	590-21-SA	Ray Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA
Marsh Fuel Oil Pump	1050-23-SA		

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RULES GOVERNING FIRE EXTINGUISHING APPLIANCES—SPRINKLER SYSTEMS ADOPTED BY THE BOARD OF STANDARDS AND APPEALS NOVEMBER 9, 1927

NOTE—In reprinting these Rules, no changes have been made, as to departmental jurisdiction, as changed by the McCall Bill known as Chapter 764 of the Laws of 1933.

General Requirements. The rules contained herein cover the general details of a sprinkler equipment only. Before an equipment is installed or before a present equipment is remodeled, involving 10 or more heads on any floor, complete working plans shall be submitted for approval to the Fire Department, with such specification forms as may be required by the Fire Commissioner, except for the installation of the connection to the water main service pipe and meter setting, which shall be approved by the Department of Water Supply, Gas and Electricity.

Plans. These plans shall be drawn to an indicated scale; give correct address and points of compass; show longitudinal and cross sections of the building with story heights, and the essential features of the construction, viz., size, location and direction of joists, timbers or other structural members. They shall also indicate the location and size of water supplies, connecting pipes, feed mains and risers, gate, check, alarm and dry-pipe valves, as well as the location, spacing, number and type of sprinklers. Plans for non-automatic dry-pipe systems shall indicate the location and number of actuating devices.

Upon approval of preliminary plans such number of sets of clean, corrected plans on cloth as the Fire Commissioner may require, not exceeding three (3), shall be filed for final approval of the Fire Commissioner. A certified copy of the approved plans shall be forwarded to the Bureau of Buildings by the Bureau of Fire Prevention. If the structure is equipped with a standpipe (fire line) the plans shall include a note to that effect.

When entirely completed in accordance with the approved plans, application shall be made to the Bureau of Fire Prevention for test and acceptance of the completed installation. When the sprinkler equipment is approved the applicant will be so advised in writing by the Bureau of Fire Prevention.

Rule 1. Definition of Automatic Extinguisher Systems. Automatic extinguisher systems shall consist of a system of piping connected to one or more acceptable sources of water supply, provided with distributing devices so arranged and located as to discharge and diffuse automatically an effective stream or spray over the interior of the building area.

Rule 2. Classification of Sprinkler Systems. For the purpose of these rules, sprinkler systems shall be classified as:

(a) **Automatic Wet Pipe Systems**, in which all pipes and sprinkler heads are at all times filled with water;

(b) **Automatic Dry Pipe Systems**, in which the pipes and sprinkler heads are filled with air, either compressed or at atmospheric pressure, and the water supply is controlled by a Dry Pipe Valve as defined in Rule 39 of these Rules.

(c) **Non-Automatic Systems**, in which all pipes and sprinkler heads are maintained dry, equipped with a siamese fire department connection.

An automatic thermostatic or pneumatic fire alarm with direct connection to Central Office of one of the operating fire alarm companies or Fire Department Headquarters shall be provided in connection with all non-automatic sprinkler systems.

Rule 3. Approved Devices. Automatic sprinklers and accessory appliances shall include all devices approved as such by any recognized standard research laboratory on the endorsement of approval by resolution of the Board of Standards and Appeals.

Rule 4. Water Supply. Approved sources of water supply shall be classified as Automatic and Auxiliary.

(a) **Automatic Sources** shall include the Gravity Tank, the Pressure Tank, or direct connection to the Public Water System.

(b) **Auxiliary Sources** shall include the Fire Pump and the Fire Department siamese connection.

Rule 5. Gravity Tank. Gravity tanks shall contain an available quantity of water sufficient to supply twenty-five per cent. (25%) of the number of sprinkler heads in the average protected fire area for twenty (20) minutes, but not less than 5,000 gallons; and the bottom of the tank shall have an elevation of not less than twenty (20) feet above the highest line of sprinklers below the main roof. Gravity tank or tanks shall not be required to be elevated above the highest sprinklers in pent house having an area less than 2,500 sq. ft., unless such pent house contains a hazardous occupancy, or is used for the storage of combustible material. Where a split system is installed the bottom of the tank or tanks need not be elevated more than 3 feet above the main roof or 20 feet above the highest sprinkler fed from an intermediate tank.

Where a tank capacity in excess of 25,000 gallons is required by this rule, the amount of water in excess of 25,000 gallons shall be provided in separate tanks not grouped together except when tanks of unlimited capacities are supported on structures altogether independent of buildings.

The tank shall be filled through a fixed pipe, independent of the sprinkler piping, not less than two (2) inches in size, discharging into the top of the tank. The water supply and connections shall be capable of supplying the tank at a rate of not less than sixty-five (65) gallons per minute.

The filling pipe shall be carried up inside a frost-proof casing and may extend through tank bottom to discharge at top of tank above full water level. The portion of pipe inside tank must be of brass or copper or other non-corrosive material.

Tanks shall not be fed through sprinkler lines.

The sprinkler and standpipe tanks may be fed from a common source of supply, either a pump or a direct service main connection, provided that there are separate feed mains from the basement or lowest story and a control valve in each feed line in a pump or engine room.

The overflow pipe shall be not less than two (2) inches in diameter for tanks up to 30,000 gallons capacity and not less than three (3) inches in diameter for larger tanks. The top of the overflow pipe shall be three (3) inches below the top of the staves in wooden tanks and one (1) inch from the top in steel tanks. The pipe may extend through the bottom of tank provided the portion inside tank is of brass or copper or other non-corrosive metal and without joints or it may extend through side of tank. For tanks over roofs overflow pipes shall terminate not more than twenty-four (24) inches above roof and shall be fitted with a 90 degree elbow. At each gravity or pressure tank there shall be provided a 4-inch emergency drain, and for gravity tanks in excess of ten thousand (10,000) gallons capacity a six-inch (6") emergency drain must be provided. Such drain to be equipped with an O. S. and Y. gate valve arranged to discharge on the roof of building not more than twenty-four inches (24") above roof and shall be fitted with a 90 degree elbow. When the tank or tanks are on a separate structure independent of buildings, drain connections to be arranged to discharge at ground level.

Rule 6. Frost Proofing. The discharge, heating or filling pipes where exposed to the weather shall be protected from freezing in the following manner:

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1. Pipes painted two (2) coats of red lead in linseed oil with a small percentage of litharge as a hardener.

2. One wrapping of tar paper equivalent to Asphalt Saturated Wool Felt paper weighing 12 lbs. per 100 sq. ft.

3. Three (3) layers of standard 1" high grade long cow's hair felt interposed and covered with one (1) layer of builder's paper equivalent to red rosin sized sheathing paper weighing 40 lbs. per 500 sq. ft.

4. One (1) covering of 8 oz. canvas, painted with two (2) coats of waterproofed paint.

Application.

a. All wrappings to be independently applied and securely fastened in place with heavy jute twine. Circumferential and longitudinal joints to have at least a 2" lap staggered with adjacent layers and opposing leakage to the hair felt.

b. In groups of pipes each water pipe is to be wrapped separately with the tar paper, but subsequent layers of felt and paper may be applied collectively if space does not permit of individual wrapping.

c. Where a heating pipe is one of the group, the wrapping should be applied so that the hot line would serve all pipes in the enclosure. The initial wrapping of tar paper around each water pipe should be applied with laps down and the whole group wrapped with tar paper with laps up. If due to the position of the hot line sufficient air space would not insulate the hair felt, then protection to be effected by suitable separators, or a wrapping of asbestos paper instead of the tar paper around the group.

d. On vertical pipes particular provision to be made to prevent slipping and tearing of insulation due to its weight.

e. To prevent slipping away of insulation at point of entrance of pipes into a tank, and to shed leakage from slip joints, a 16 oz. duck to be provided, doubled and securely fastened to bottom of the tank overlapping inside and outside the insulation of the group for a distance of 18" below the tank. This duck to be well coated with paint. Loose hair felt to be packed about connections at tank bottom to safeguard against settling.

Rule 7. Tank Ladders and Supports. Easy access to top of each tank shall be provided by means of a steel or wrought iron gooseneck ladder substantially constructed of flat iron side bars of not less than 2" x 1/2", or angle iron strings not less than 1 3/4" x 1 3/4" x 1/4", spaced not less than 14" apart, with rungs round or square not less than 5/8", spaced not more than 12" on centres, the ladder rigidly braced, and shall not tip outward from the vertical at any point, and when ladders exceed 20 feet in height an iron platform not less than 14" square, rigidly secured to strings of ladder and properly braced shall be provided near top of tank.

Tanks above roofs shall be constructed according to the requirements of the Building Code and supporting structures shall be approved by the Superintendent of Buildings. Tanks not enclosed and exposed to the weather shall be covered with a double roof of acceptable construction consisting of a tight flat cover of matched boards and above this a conical roof which shall be covered with an approved roofing.

Where a gravity tank is located on a structure altogether independent of buildings the bottom shall not be less than 20 feet above the highest line of sprinklers below the main roof of the highest building in a group of buildings.

Rule 8. Pressure Tank. Pressure tanks shall contain sufficient water to supply twelve and one-half per cent (12 1/2%) of the number of sprinklers in the average protected fire area for twenty (20) minutes, but not less than 3,000 gallons of water for a wet pipe system where supplemented by an auxiliary water supply, and not less than 5,000 gallons of water for a dry-pipe system. No single tank shall have a capacity greater than 6,000 gallons of water. The tank shall be kept two-thirds (2/3) full of water under a pressure of seventy-five (75) pounds per

square inch, and shall be so proportioned and located that a pressure of not less than fifteen (15) pounds per square inch will be available on the highest line of sprinklers below the main roof.

A pressure tank or tanks shall not be located below the highest line of sprinklers under the main roof supplied by such tank or tanks and shall not be required to be located above the highest line of sprinklers in a pent house having an area less than 2,500 square feet unless such pent house contains a hazardous occupancy or is used for the storage of combustible materials. Where a split system is installed the bottom of the intermediate tank shall be located above the highest line of sprinklers fed from such tanks.

The water shall be supplied through a fixed pipe, independent of the sprinkler piping, not less than two inches in size. The water supply and connections shall be capable of supplying the tank at a rate of not less than sixty-five (65) gallons per minute without reducing the pressure in the tank. The tank shall have a fixed metallic horizontal line on the end opposite the glass gauge, or other acceptable device, to indicate the level of the water when the tank is two-thirds full.

The air compressor shall be of sufficient capacity to increase the air pressure at the average rate of one (1) pound in two minutes in each pressure tank.

Rule 9. Public Water System. Direct connection to the city water supply shall be capable of furnishing water, at not less than fifteen (15) pounds per square inch static pressure at the highest line of sprinklers below the main roof.

(a) Where the average pressure from the city water supply does not comply with this rule but is sufficient to give at least five pounds at the highest line of sprinklers as determined by test, an automatic, electrically driven pump installed for the purpose of boosting or increasing the city water pressure in the sprinkler system may be accepted under the following conditions:

Pump to be a single stage, centrifugal, of approved design, to be of not less than 500 gallons per minute capacity and to otherwise comply with Rule 10.

(b) Pump to be automatic, arranged to maintain 25 pounds at highest line of sprinklers at rated capacity and to be under the supervision and directly connected to the office of one of the fire alarm companies which is connected to Fire Department headquarters.

(c) The acceptance of this form of an automatic water supply shall be limited to an individual building not exceeding 80 feet in height, requiring not more than 100 sprinklers in the largest fire area.

(d) Subject to the requirements of the Department of Water Supply, Gas and Electricity, the size of each connection shall be as large as that of the main riser and not less than four (4) inches, and shall have a post indicator manually operated control valve, painted green, sealed open in an approved manner, located on the first story or at the sidewalk level near point of main entrance to building, and be provided with a sign secured to post reading: sprinkler control to city main.

(e) House service water supply connection may be taken from the sprinkler water supply connection to the city main on the inlet side of the fire meter, not exceeding 1 1/4 inches in diameter for a 4-inch connection, and 2 inches in diameter for a 6-inch or larger connection.

(f) A certificate establishing the fact that water supply conditions and pressures are as may be required shall be submitted to the Fire Department from the Department of Water Supply, Gas and Electricity.

Rule 10. Fire Pump. As auxiliary sources of water supply, steam or electric standard fire pumps shall receive water supply from a suction tank, a direct connection to the city water main or other approved sources capable of supplying the pump at its rated capacity for sixty (60) minutes. The rated capacity of the pump

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shall be not less than five hundred (500) gallons per minute, and shall be sufficient to supply twenty-five per cent. (25%) of the number of sprinklers in the average protected fire area.

The pump shall be located in a room of fireproof construction, properly ventilated, lighted and drained, enclosed in eight (8) inch brick or concrete walls with approved fire doors at openings and with fireproof floor and ceiling construction. If located in the lowest story of the building, the pump shall be placed on a foundation not less than one (1) foot in height. The pump room shall be readily accessible with safe egress for the attendant.

A reliable source of energy for driving the pump shall be provided. For steam pumps, provision shall be made for sufficient steam power to operate the pumps at full rated capacity, and a steam pressure of not less than fifty (50) pounds shall be maintained at the pump at all times. Where there is more than one boiler, the pipes and valves shall be so arranged to permit the cutting out of any one boiler without interrupting the steam supply to the pump from the other boilers. The boiler room shall be cut off from the remainder of the building by fireproof floor and wall construction with approved fire doors at all openings.

Electrical energy from a public service plant shall be acceptable as a source of energy for driving electric fire pumps. When local power plants supply the energy for operating electric pumps, two motor generator units shall be provided, or one generator unit supplemented by a public service break-down switch. Local electric power plants shall be located in rooms of fireproof construction with approved fire doors at openings.

Rule 11. Sprinkler Discharge. For the purpose of computing the capacity of water supplies, standard one-half ($\frac{1}{2}$) inch sprinkler heads shall be assumed to have an average discharge of twenty (20) gallons per minute, and the discharge of larger heads shall be computed proportionately in the ratio of the areas of their respective orifices.

Rule 12. Fire Area. A fire area is any floor space enclosed on all sides by exterior walls or fire walls or a combination of both.

In a non-fireproof building with mill or non-fireproof floors and roof, such wall shall be not less than 8 in. in thickness if of brick or stone, and not less than 6 in. if of reinforced concrete, and extending continuously from the lowest story to be at least 3 ft. above the roof and be coped.

In a fireproof building such wall or walls shall be of fireproof material not less than 6 in. in thickness, and shall extend from the fireproof floor to ceiling, or underside of fireproof roof.

No opening shall exceed 66 in. in width, or 60 sq. ft. in area, the centre of every opening in such walls shall be at least 40 ft. from the centre of every other opening therein at the same level.

All openings shall be provided with approved automatic fire doors on each side of openings.

The number of sprinklers in the average protected fire area shall be determined by the number of sprinklered stories in such section. In determining the required capacity of water supplies, the number of sprinklers in the average protected fire area need not include those located in low positions, such as under benches, low shelves, closets and platforms and between cars in car barns.

Rule 13. Fire Department Connection. All automatic sprinkler systems shall be provided with at least one two-way siamese connection on each street front of the building for connection to the fire department hose. Buildings fronting on only one street shall be provided with at least two siamese connections when the street frontage of building exceeds two hundred (200) feet.

Where buildings have frontages on more than one street there shall be a fire department connection on each street front where frontage is not continuous but in all cases where more than one fire department connection is required they shall be located as the Fire Commissioner may direct and shall not be grouped. The siamese headers shall be of the same diameter as the largest riser or cross connection, but in no case less than 4 inches or more than 6 inches.

All siamese hose connections hereinafter installed, except those on piers or warehouses intended for fire boat use, shall be three (3) inch, female connection. Siamese on piers, warehouses, etc., intended for fireboat use, except where the source of supply is from a direct connection to city main, shall be not less than $3\frac{1}{2}$ -inch female connections with standard fire department threads.

The siamese shall be placed at least eighteen (18) inches and not more than three (3) feet above the sidewalk, in a horizontal position accessible to the fire department. Each inlet shall be provided with a clapper valve machined to a true face.

Each siamese connection shall be designated by raised letters at least one (1) inch in size, cast in the fitting in a clear and prominent manner and reading for the service designated, viz.: "Base. Spkr.," etc., as the case may be. If the entire building is sprinklered, the fitting shall be marked "Auto. Spkr."

Siamese hose connections may project through a street wall not more than twelve (12) inches beyond the building line except that where there is an angle formed by the street wall and a check piece or the base of a column, pilaster or ornamental projection, they may be so located that no part extends more than fifteen (15) inches from either side of such angle in accordance with the provisions of the Building Code.

In each fire department connection there shall be an approved straightway check valve installed in a horizontal position, the piping shall be arranged to drain between the check valve and the outside siamese coupling by either a ball drip having a one-half ($\frac{1}{2}$) inch pipe connection and one-half ($\frac{1}{2}$) inch orifice and a bronze ball of proper size, or by a three-quarter ($\frac{3}{4}$) inch drip connection arranged to drain to a sewer.

All sprinkler siamese street risers, siamese wall collars and adjustable siamese caps shall be painted green.

Rule 14. Sprinkler Systems Classified.

(a) One Source Systems, supplied with water from any one of the automatic sources or the automatic supervised fire pump specified in rule nine; and

(b) Two Source Systems, supplied with water from a combination of any two of the automatic sources: two pressure tanks with a total water capacity twice that required for a one source supply; direct connection to the city water supply on two different streets, so located that the closing of the controlling valve on one main will not eliminate the main on the other street; or a direct connection to the city water supply and one of the auxiliary sources provided the water supply connection is at least six (6) inches in size, the main is fed both ways and a two (2) inch test pipe at the top of the sprinkler riser shows a flowing pressure of fifteen (15) pounds per square inch between the hours of six a. m. to six p. m.

Rule 15. Sprinkler Spacing. Sprinkler heads and lines shall be spaced as herein provided:

Mill Construction. Under mill ceiling (smooth solid plank and timber construction, 5 to 12 foot bays) one line of sprinklers shall be placed in the center of each bay and the distance between the heads on each line shall not exceed the following:

- (a) For Standard one-half ($\frac{1}{2}$) inch heads—
 - 8 feet in 12 foot bays;
 - 9 feet in 11 foot bays;

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- 10 feet in 10 foot bays;
- 11 feet in 9 foot bays;
- 12 feet in 5 to 8 foot bays;
- (b) For Conran* one (1) inch heads—
20 feet in 5 to 12 foot bays.
- (c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads—
25 feet in 5 to 12 foot bays.
- (d) Vaults used for the storage of inflammable motion picture films shall have one standard one-half ($\frac{1}{2}$) inch head for each $62\frac{1}{2}$ cubic feet of available storage space, or one (1) inch Conran* head for each 250 cubic feet of available storage space.

Measurements shall be taken from center to center of timbers.

Ceilings of modified mill construction having bays less than three (3) feet wide shall be treated as open joist construction and sprinkler heads and lines spaced accordingly.

Bay timbers spaced three (3) feet or more on centers, but less than five (5) feet on centers, will require special ruling by the administrative official having jurisdiction.

Rule 16. Joisted Construction. Under open finish joisted construction ceilings, floor, decks and roofs, the sprinkler lines shall be run at right angles to the joists and the heads "Staggered spaced" so that heads on one line will be opposite a point halfway between heads on adjacent lines.

a. One-Half Inch Heads. For Standard one-half ($\frac{1}{2}$) inch heads the distance between lines of sprinklers shall not exceed ten (10) feet, and the distance between heads on each line shall not exceed eight (8) feet, the end heads on alternate lines being spaced not more than two (2) feet from wall or partition. Permission may be given by the administrative official having jurisdiction to install but one line of sprinklers, in each bay where girders project below the underside of joists and divide the ceiling into bays ten (10) to eleven and one-half ($11\frac{1}{2}$) feet wide from center to center of girders, and the heads shall then be spaced on each line so that the area covered by a single head does not exceed eighty (80) square feet. In all cases where such bays are over eleven and one-half ($11\frac{1}{2}$) feet wide, two or more lines of sprinklers shall be installed in each bay as required by the rules for spacing. Where girders and joists are flush at the bottom, heads shall be spaced according to the general rule.

b. One Inch Heads. For Conran* one (1) inch heads the distance between adjacent lines shall not exceed twenty (20) feet and the distance between the heads on each line shall not exceed sixteen (16) feet, the end heads on alternate lines being spaced not more than four (4) feet from wall or partition. Where girders project below the underside of joists and divide the ceiling into bays not exceeding twenty (20) feet in width, measured from center to center of girders, one line shall be placed in the center of each bay. In bays exceeding twenty (20) feet in width at least two (2) lines shall be installed in each bay and in no case shall the distance between adjacent lines exceed twenty (20) feet.

c. One and One-Quarter Inch Heads. For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads the distance between adjacent lines shall not exceed twenty-five (25) feet and the distance between the head on each line shall not exceed twenty (20) feet, the end head on alternate lines being spaced not more than five (5) feet from wall or partition. Where girders project below the underside of joists and divide the ceiling into bays not exceeding

twenty-five (25) feet in width, measured from center to center of girders, one line shall be placed in the center of each bay. In bays exceeding twenty-five (25) feet in width at least two (2) lines shall be installed in each bay, and in no case shall the distance between adjacent lines exceed twenty-five (25) feet.

Rule 17. Smooth Finish, Sheathed or Plastered Ceilings. Under smooth finish, sheathed or plastered ceilings, in bays six (6) feet wide and over (measurements to be taken from center to center of timber, girder or other projection or support forming the bay), sprinkler heads and lines shall be spaced as follows:

(a) For standard one-half ($\frac{1}{2}$) inch heads—

One line of sprinklers shall be placed in the center of each bay for bays not exceeding twelve (12) feet in width, and the distance between the heads on each line shall not exceed the following:

- 8 feet in 12 foot bays;
- 9 feet in 11 foot bays;
- 10 feet in 6 to 10 foot bays.

Bays in excess of twelve (12) feet in width and less than twenty-three (23) feet in width, shall contain at least two (2) lines of sprinklers; bays twenty-three (23) feet in width or over shall have the lines therein not over ten (10) feet apart. In bays in excess of twelve (12) feet in width, not more than one hundred (100) square feet of ceiling area shall be allotted to any single head.

(b) For Conran* one (1) inch heads—

One line of sprinklers shall be placed in the center of each bay for bays not exceeding twenty (20) feet in width, and the distance between the heads on each line shall not exceed twenty (20) feet. Bays in excess of twenty (20) feet in width shall contain at least two (2) lines and in no case shall the distance between adjacent lines exceed twenty (20) feet.

(c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads—

One line of sprinklers shall be placed in the center of each bay for bays not exceeding twenty-five (25) feet in width and the distance between the heads on each line shall not exceed twenty-five (25) feet. Bays in excess of twenty-five (25) feet in width shall contain at least two (2) lines and in no case shall the distance between adjacent lines exceed twenty-five (25) feet.

Rule 18. Fireproof Construction. The rules of slow-burning mill construction shall apply as far as practicable. The rule may be modified, however, the intent being to arrange the spacing of heads to protect the contents rather than the ceilings; but in no case shall the distance between a head on one line and a head on an adjacent line exceed the following:

(a) For standard one-half ($\frac{1}{2}$) inch heads, 12 feet.

(b) For Conran one (1) inch heads, 20 feet.

(c) For Conran one and one-quarter ($1\frac{1}{4}$) inch heads, 25 feet.

Rule 19. Distance From Walls. The distance from wall or partition to the first head on a sprinkler line shall not exceed one-half the allowable distance between the heads on such line. Additional heads may be required in the narrow pockets formed by bay timbers or beams and wall. Where beams, girders, columns, walls, partitions or other obstructions prevent the effective discharge of water, additional heads shall be installed to effectively sprinkle the area.

Rule 20. Vertical Shafts. In vertical shafts having inflammable sides, heads shall be provided within the shaft in addition to the head or heads at the tops of shafts, as follows:

(a) One standard one-half ($\frac{1}{2}$) inch head for each 200 square feet of inflammable surface.

* Wherever the term "Conran head" is used in these Rules, it is to be taken as meaning either a Conran head of the type tested and approved by the Fire Department, or one that has passed similar tests by the Fire Department.

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(b) One Conran* one (1) inch head for each 400 square feet of inflammable surface.

(c) One Conran* one and one-quarter ($1\frac{1}{4}$) inch head for each 500 square feet of inflammable surface.

Such head or heads shall be installed at each floor when practicable, and always when shaft is trapped. Where practicable, heads shall be "staggered" at the alternate floor levels, particularly when only one head is installed at each floor level.

Rule 21. Pitched Roofs. Under a pitched roof sloping more steeply than one (1) foot in three (3) feet, heads shall be located in peak of roof, and those on either side of the peak shall be spaced according to the foregoing requirements. The distance between heads shall be measured on a line parallel with the roof. Where the roof meets the side wall or the floor line, the heads shall be placed not more than the following distance from such intersection:

(a) For standard one-half ($\frac{1}{2}$) inch heads, $3\frac{1}{2}$ feet.

(b) For Conran* one (1) inch heads, 7 feet.

(c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, $8\frac{1}{2}$ feet.

Heads spaced not to exceed the following distance each way from the peak to roof, measured on a line parallel with the roof, may be used in lieu of heads located in peak of roof:

(d) For standard one-half ($\frac{1}{2}$) inch heads, $2\frac{1}{2}$ feet.

(e) For Conran* one (1) inch heads, 5 feet.

(f) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, $6\frac{1}{4}$ feet.

In sawtooth roof construction, the end heads on the branch line shall be spaced not to exceed the following distance from the peak of the sawtooth:

(g) For standard one-half ($\frac{1}{2}$) inch heads, $2\frac{1}{2}$ feet.

(h) For Conran* one (1) inch heads, 5 feet.

(i) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, $6\frac{1}{4}$ feet.

Rule 22. Special Locations and Variations. In special locations, such as over electric generating, power and transforming apparatus, over their controlling devices and switchboards, where water from the fire extinguishing equipment would be detrimental, the sprinkler lines and heads may be omitted at the discretion of the administrative official having jurisdiction, and when in his judgment a slight variation of this rule of spacing is desirable to effect a more efficient distribution of water for fire extinguishing purposes, the sprinkler lines and heads shall be spaced as he may direct.

Rule 23. Sprinkler Position. All sprinkler heads shall be located, wherever possible, in an upright position on top of the pipes, except that sprinkler heads on automatic wet pipe systems may be pendant on concealed piping and when construction or occupancy of a room or enclosure makes it preferable.

(a) Where standard one-half ($\frac{1}{2}$) inch heads are installed sprinkler deflectors shall be parallel to ceilings, roofs or the incline of stairs, but when installed in the peak of a pitched roof they shall be horizontal. Distance of deflectors from ceilings of mill or other smooth construction, or bottom of joists of open joist construction, shall be not less than three (3) inches nor more than ten (10) inches.

In fireproof buildings, the distance between deflectors and panel ceilings shall not exceed fifteen (15) inches.

(b) Where Conran* heads are installed, the top of head shall be located the same distance below joists or ceiling as specified for deflectors in paragraph (a) of this rule; except that when heads are located under pitched roofs or piers or similar structures, they shall in general be installed in the upright position (not normal to slope of roof) and three (3) feet vertically below the underside of roof. When the administrative official having jurisdiction deems a variation of

this rule advisable to obtain a more efficient distribution of water, the heads shall be located with respect to joists or ceiling, as he may direct.

Rule 24. Spray Clearance. Not less than eighteen (18) inches effective clear space shall be left below the sprinkler heads, so that they may discharge an unbroken spray blanket from sprinkler to sprinkler and sides of room when in operation. Any stock piles, racks or other obstructions interfering with such action shall not be permitted. Sprinkler system piping shall not be used for the support of stock, clothing, etc.

Rule 25. Pipe Sizes. The number of heads on a given size pipe in one fire area in any story shall not exceed the following:

(a) For standard one-half ($\frac{1}{2}$) inch heads—

Size of Pipe	Maximum No. of Heads Allowed
$\frac{3}{4}$ inch	1 head
1	2 heads
$1\frac{1}{4}$	3 "
$1\frac{1}{2}$	5 "
2	10 "
$2\frac{1}{2}$	20 "
3	36 "
$3\frac{1}{2}$	55 "
4	80 "
5	140 "
6	200 "
7	300 "
8	420 "

(b) For Conran* one (1) inch heads—

Size of Pipe	Maximum No. of Heads Allowed
1 inch	1 head
$1\frac{1}{4}$	2 heads
$1\frac{1}{2}$	3 "
2	4 "
$2\frac{1}{2}$	6 "
3	9 "
4	18 "
5	34 "
6	51 "
7	75 "
8	105 "

(c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads—

Size of Pipe	Maximum No. of Heads Allowed
$1\frac{1}{4}$ inch	1 head
$1\frac{1}{2}$	2 heads
2	3 "
$2\frac{1}{2}$	4 "
3	6 "
4	12 "
5	21 "
6	40 "
7	60 "
8	84 "

When it is desired to use pipe of larger size than eight (8) inches in diameter, special ruling will be required by the administrative official having jurisdiction as to the permissibility of its use and the number of heads that may be fed thereby.

Where practicable, it is desirable to arrange the piping so that the number of heads on a branch line will not exceed eight.

When the piping is arranged on the "gridiron" plan, the permissible number of heads may be doubled, provided the feed main is of the size indicated in the schedule for the total number of heads.

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Where feed mains supply branch lines of only two heads each, the conditions approach those of long single lines. Such feed mains shall usually be centrally supplied where there are over eight (8) or ten (10) branch lines. Branch lines up to fourteen (14) in number may be fed from end, provided a two and one-half ($2\frac{1}{2}$) inch pipe does not supply more than sixteen (16) standard one-half ($\frac{1}{2}$) inch heads, in lieu of twenty (20).

Building having slatted floors, or large unprotected floor openings without approved stops, shall be treated as one room with reference to the pipe sizes, and the feed main shall be of sufficient size to accommodate the number of heads called for. Larger pipe sizes than are allowed in the schedule for a given number of heads may be required wherever the construction or conditions introduce unusually long runs of feed mains or many angles. Buildings with blind attics with small, unprotected openings to floor below, may be piped from the system on the ceiling of floor below, provided pipe size schedule is not overloaded on sizes three (3) inches or under.

Rule 26. Feed Mains. The size of feed mains shall not be less than the size of riser and shall be arranged to run as direct as possible from source of water supply to riser.

Feed mains for stair or other towers without approved stops between floors, when piped on independent riser, shall be of sufficient size to accommodate the total number of sprinklers in such tower.

Rule 27. Risers. There shall be one or more separate risers in each building and in each section of the building divided by fire walls. Risers shall be arranged to provide "Center Central" or "Side Central" supply to feed main. Each riser shall be of sufficient size to supply all the heads on said riser in one story, according to the schedule of pipe sizes in Rule 15.

If the conditions warrant, special permission will be granted allowing the heads in a fire section of small area to be fed from the risers in another section, provided the total number of heads in such area does not exceed the following number per floor:

- (a) For standard one-half ($\frac{1}{2}$) inch heads, 48.
- (b) For Conran* one (1) inch heads, 12.
- (c) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads, 8.

Risers shall not be located close to windows, properly protected from mechanical injury and freezing and shall be properly supported on foundations and by floor plates, clamps, couplings or approved hangers.

Rule 28. Connections Prohibited. No connections, such as for sill cocks, house service or hose outlets, shall be made with a sprinkler system riser or any part thereof except as provided for in rule 9.

Rule 29. Air Lock Adjustment. Where gravity and pressure tanks feed through a common discharge pipe or "dead riser" to the foot of a riser and an air lock is likely to develop the discharge pipe of the gravity tank shall connect with the discharge pipe, or "dead riser," forty (40) feet below the bottom of the pressure tank.

Rule 30. Pipes and Fittings. All pipe shall be full-weight standard wrought iron or steel threaded pipe, well reamed and screwed up tight into fittings without reducing the waterway. Fittings shall be standard cast iron fittings, and shall be long turn pattern on feed mains and risers.

Such fittings shall be designed and guaranteed for a working pressure of 150 pounds per square inch and must be capable of withstanding a hydrostatic test pressure of 750 pounds per square inch without failure.

All pipe shall be secured to the ceiling, walls and other parts of the building with standard steel, wrought or malleable iron hangers.

Extra heavy fittings shall be employed where the normal pressure in the pipe system exceeds one hundred and fifty (150) pounds per square inch, and shall be designed for a working pressure of 250 pounds per square inch and be capable of withstanding a hydrostatic test pressure of 1,250 pounds per square inch without failure.

All underground pipe shall comply with the specifications for cast iron pipe of the American Water Works Association.

Rule 31. Protection of Pipes and Sprinklers. When exposed to moisture, sprinkler pipes and hangers shall be protected against corrosion whenever found necessary by thoroughly cleaning the pipe of all scale and grease and painting with a coat of red lead and linseed oil paint or other acceptable moisture resistive paint. When exposed to chemical fumes, the pipe and fittings shall be coated with graphite or other approved chemical resistive paint. Care shall be taken not to paint the sprinkler heads.

Supply pipes of risers in low basements or low spaces under ground floors exposed to frost, shall be properly protected by a masonry or wood enclosure, properly heated or filled with mineral wool, sawdust or tar mixed with granulated cork, extending below bottom of pipe and through the top flooring of ground floor, or the pipe shall be protected with three alternate layers of one-inch hair felt and building paper or by other approved method. When of wood, such enclosure shall be constructed double with a layer of tar paper between the two thicknesses of wood.

Where risers, drains, heating pipes, etc., pass through cinder concrete floors or partitions, they shall be protected with a metal sleeve or be grouted with cement mortar.

Wherever sprinklers are exposed to corrosion, the heads shall be protected with an approved hermetically sealed cover, or with an approved wax coating.

Rule 32. Drainage. All sprinkler pipe and fittings shall be so installed that they can be thoroughly drained, and where practicable, all piping shall be arranged to drain at the main drips.

Drains or drip pipes shall be so arranged as not to expose any part of the sprinkler system to frost, and shall be so connected, either by check valves or other means, that they will not overflow domestic service or other connections to the same sewer or house drain, or if carried through the wall and exposed to the weather, they shall be fitted with hoods or down-turned elbows.

Drains, pitched not less than one-quarter ($\frac{1}{4}$) inch in ten (10) feet, shall be installed:

- At the base of the main riser;
- At each alarm valve;
- At each dry-pipe valve;
- At each gravity tank;
- At each pressure tank;
- At each fire department connection;
- On each floor, if independent floor control valves are used; and

At each supply main, when the water in the same cannot be removed through any of the above drains. Such drains shall be installed with controlling valves so that flowing tests may be made to determine if the water supplies or connections from yard mains to the inside of the building are in order without causing water damage or overflowing service connections to the same house drain. Any such drain shall be not less than two (2) inches in size except that drains at independent floor valves shall be not less than 1 inch in size where floor valves are not over $2\frac{1}{2}$ inches in size and $1\frac{1}{4}$ inches where floor valves are larger and connected to a main drain riser of not less than $1\frac{1}{2}$ inches in size. The drain at the main riser shall discharge into a cone or sight drain, or if carried through the wall and exposed to the weather, it shall be fitted with a hood or down-turned elbow.

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At an alarm valve at the top of a riser in a down-fed system a drain shall not be required.

On automatic wet pipe systems, the horizontal branch pipes shall be pitched not less than one-quarter ($\frac{1}{4}$) inch in ten (10) feet to drain towards the sources of supply with drip valves at the low points.

On automatic dry-pipe systems, branch pipes shall be pitched at least one-half ($\frac{1}{2}$) inch in ten (10) feet.

Rule 33. Test Pipe. In all wet-pipe automatic sprinkler systems a test pipe of not less than $\frac{3}{4}$ inch in diameter shall be connected directly with each system but shall be connected to a pipe of not less than $1\frac{1}{4}$ inches in diameter in upper story and arranged to discharge through a $\frac{1}{2}$ -inch brass outlet, preferably to a point where it can readily be seen. With long runs or many angles, size of test pipe should be increased to one (1) inch or larger. Controlling valve should be located at a sufficient distance from where the test pipe passes through the wall of the building so as to reduce to a minimum the chance of freezing of water in test pipe.

In all dry-pipe automatic sprinkler systems a $\frac{3}{4}$ -inch inspector's test pipe shall be installed at the end of the most distant branch line and fitted with $\frac{3}{4}$ -inch shut-off valve stopped with a brass plug.

Rule 34. Pressure Gauges. A four and one-half ($4\frac{1}{2}$) inch double-spring Bourdon pressure gauge shall be provided in all automatic sprinkler systems as follows:

- Above dry-pipe valves;
- Below dry-pipe valves;
- At the pressure tank;
- At the air compressor;
- Above the alarm valve;
- Below the alarm valve; and

In the connections from city water supply.

Provision may be made for taking the pressure both above and below the alarm valve and the dry-pipe valve with only one gauge at each valve.

A gauge shall not be required at an alarm valve located at the top of a riser in a down-fed system.

Gauge connections shall be taken from the supply main or riser and not from the two-inch drain or test pipe.

Gauges shall be installed in a suitable place protected from freezing and be controlled by a valve with arrangements for draining. A plugged outlet, not less than one-quarter ($\frac{1}{4}$) inch in size, shall be located between each valve and gauge for purpose of installing the inspector's gauge.

Rule 35. Valves. All valves two (2) inches in diameter and under shall be of brass or bronze, or other approved non-corrodible material. Valves over two (2) inches in diameter shall be of brass, or bronze or iron body, brass mounted, or of other approved non-corrodible material.

All sidewalk siamese inlet valves, caps and chains shall be of galvanized cast iron or other approved non-corrodible material.

All gate valves shall be solid or double wedge disc, stuffing box pattern with hand wheel, outside screw and yoke, or other approved indicator pattern.

All check valves shall be approved straightway regrinding pattern, so built that the clappers may be readily removed for repairs.

Rule 36. Water Supply Gate Valves. The piping connecting each source of water supply with the sprinkler system shall be provided with a gate valve of the outside screw and yoke type, sealed open and tagged to designate its purpose, so located as to control each source of water supply except that from fire department hose connections. All such gate valves shall be located within the building where easily visible and readily accessible and as close as possible to the supply inlet.

Rule 37. Water Supply Check Valves. The piping connecting each source of water supply with the sprinkler system, including fire department connections, shall be provided with a check valve.

On two-source systems, check valves shall have a gate valve on each side to permit repair of check without shutting off both supplies, except that where the two sources of supply consist of tanks located above the highest line of sprinklers, a gate valve need only be provided on the downstream side of each check valve.

Rule 38. Control Valves. All automatic sprinkler systems shall be provided with a main control or shut-off valve arranged to be readily accessible as near the stairways or fire tower as possible and sealed in the open position; except that when the sprinkler system is fed from water supplies on the roof of the building, independent and readily accessible floor control valves, sealed in the open position, may be installed.

When not more than ten (10) standard one-half ($\frac{1}{2}$) inch sprinkler heads or three (3) Conran* heads in any automatic wet pipe system are exposed to cold and subject to freezing, shut-off valves may be provided to discontinue the water supply to such heads between November 1 and April 1. A greater number of heads than specified above, located in places which cannot be properly heated, shall be controlled by an automatic dry-pipe valve.

Rule 39. Dry-Pipe Valves. A dry-pipe valve shall be taken to mean a valve automatically controlling the water supply of the sprinkler system in such a manner that under normal conditions its piping system beyond the valve is maintained dry, but in the event of fire, the valve automatically releases the water into the sprinkler system, for fire extinguishing purposes.

Dry-pipe valves shall, for the purpose of these rules, be classified as follows:

Type A, in which the valve is actuated by the release of compressed air in the sprinkler piping system, due to the opening of a sprinkler head; and

Type B, in which the valve is actuated by an approved trip under electric control of an approved automatic thermostatic fire alarm system.

Dry-pipe valves shall be located as near as practicable to the sprinkler system in an enclosed and accessible place protected from mechanical injury and freezing.

Automatic wet-pipe sprinkler systems in which only twenty-five per cent. (25%) of the heads are required to be maintained dry for protection from freezing, shall have only such heads under dry-pipe valve control.

(a) When "Type A" valve is installed, the air pressure in sprinkler systems under such dry-pipe valve control shall not exceed forty (40) pounds per square inch, nor be permitted to fall below twenty-five (25) pounds per square inch, nor shall it be less than one-sixth ($\frac{1}{6}$) of the water pressure in any case.

The air compressor shall have a capacity of not less than eleven (11) cubic feet per minute and the air supply for the pump shall be taken, if possible, from a room containing dry air, or it shall be passed through a drying chamber containing calcium chloride, in order to avoid the introduction of moisture into the system.

The air pressure on such dry-pipe systems shall be maintained throughout the year.

Not more than the following number of heads shall be controlled by one "Type A" dry-pipe valve:

(b) For standard one-half ($\frac{1}{2}$) inch heads.....	400
(c) For Conran* one (1) inch heads.....	100
(d) For Conran* one and one-quarter ($1\frac{1}{4}$) inch heads	64

Where equipped with an approved quick-opening device the following number of heads may be controlled by one "Type A" dry-pipe valve:

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(e) For standard one-half ($\frac{1}{2}$) inch heads.....	600
(f) For Conran* one (1) inch heads.....	150
(g) For Conran* one and one-quarter ($\frac{1}{4}$) inch heads	96

(h) When "Type B" valve is installed the actuating alarm system shall be designed to operate at a temperature lower than that required to open the sprinkler heads, and all connections between the alarm system and the dry-pipe valve shall be adequately protected against injury of any kind.

When required by the administrative official having jurisdiction, the dead end of every feed main in such dry-pipe system shall be provided with an air relief valve or vent, so constructed as to be normally open in order to permit the free escape of air from the system, but to close automatically against the escape of water.

Not more than the following number of heads shall be controlled by one "Type B" dry-pipe valve:

(i) For standard one-half ($\frac{1}{2}$) inch heads	600
(j) For Conran* one (1) inch heads.....	150
(k) For Conran* one and one-quarter ($\frac{1}{4}$) inch heads	96

Rule 40. Alarm Valve. All automatic wet pipe sprinkler systems shall be equipped with an alarm valve so constructed that a flow of water through a one-half ($\frac{1}{2}$) inch orifice will operate an electric or mechanical gong.

Dry pipe valves shall be equipped with a reliable device to give either an electrical or mechanical alarm.

When an electrically operated alarm is installed in connection with an alarm valve or dry pipe valve, the installation shall be made in conformity with the provision of Rule 41.

Rule 41. High and Low Water. Electric Alarm on Gravity and Pressure Tanks. All gravity tanks shall be equipped with a device to indicate when the water falls below or rises above the normal level in the tank, with an indicator and alarm located in the engineers' room near the pump.

All gravity and pressure tanks shall be equipped with a high and low alarm as hereinafter specified. The high and low gravity and the high and low pressure electric alarm shall be so constructed and arranged that when the water falls below or rises above the normal level in the gravity tank, and when the pressure falls below or rises above the predetermined level in the pressure tank, an audible and visible signal will be given in either the pump room or engineer's room.

The audible signalling device for high and low water and high and low pressure electric alarm shall consist of a vibrating gong of at least 3 inches in diameter of the enclosed type and arranged for conduit installation, the same to be operated automatically from an approved device indicating the level of water in the gravity tank and from the pressure gauge of pressure tank.

The audible signalling device for the alarm and dry pipe valves shall consist of an enclosed type 6-inch vibrating gong arranged for conduit installation. A closed circuit annunciator shall be provided in connection with the alarm system. The high and low tell-tale electric connections shall be so constructed that it will not be affected by moisture and the parts shall be heavy and rugged. The float shall be of approved type.

All wiring shall be installed in iron or steel conduits and the installation shall be in accordance with the provisions of Chapter 9 of the Code of Ordinances. Only approved closed circuit systems shall be installed. Control panels to operate the signalling equipment must be approved by the Board of Standards and Appeals. The control cabinet shall be located in the engineer's or pump room where it will be under the supervision of the person in charge of the sprinkler system.

The following sources of energy may be employed and are given in their order of preference:

1. Public utility electric light and power systems.
2. Electric light or power system (public utility or isolated plant) supplemented by storage battery either controlled by an automatic throw-over device or floating on the line and protected by a reverse current circuit breaker.
3. Storage batteries in duplicate.
4. Primary batteries of the closed circuit type.

When the system is connected to the 110 volt lighting service a suitable cut-out is to be provided and it shall be enclosed in a locked or sealed metal cabinet. The connection to the system shall be the first connection on the house side of and as near as practicable to the meter. When batteries are used to operate the system they shall be placed in an approved cabinet provided with a lock and key.

Rule 42. Heating of Tanks. The water in all sprinkler tanks subject to freezing shall be protected by internally heating the water or enclosing the tank in a frostproof house properly heated and lighted.

Rule 43. Concealed Pipe Systems. All pipe in concealed pipe systems shall be of standard full-weight wrought iron or steel, painted with two coats of protective paint, one before and one after installation. Such pipe as shall be installed in ducts or be encased in cement mortar shall be inspected prior to concealment. When installed in the concealed space between floor arches and ceiling, such pipe shall be supported by hangers and all pipe, fittings and hangers be protected with two coats of paint.

Rule 44. Preparation of Building. Floor or wall openings and other structural defects which prevent the banking up of heated air and retard the automatic action of sprinkler heads shall be provided with the necessary curtain boards and draft stops to permit specific control of the fire by the local sprinklers.

Curtain boards shall project at least three (3) inches below the lowest sprinkler.

Rule 45. Approval of Sprinkler System. Before acceptance all automatic sprinkler systems, excluding the water supply tanks, shall be subjected after installation to a hydrostatic pressure test of at least one (1) hour's duration at not less than fifty (50) pounds per square inch in excess of that which will be normally carried and observed in the sprinkler system, such test pressure, however, to be not less than one hundred and fifty (150) pounds per square inch in any part of the system.

All pressure tanks shall be tested after erection to a test pressure of one and one-half ($1\frac{1}{2}$) times the working pressure. To prevent the possibility of serious water damage in case of a break, the pressure shall be maintained by a small pump, the main controlling gate being meanwhile kept shut. Brine or other corrosive chemicals shall not be used for testing systems.

In automatic dry-pipe systems with "Type A" valve control, an air pressure of forty (40) pounds per square inch shall be pumped up, be held for twenty-four (24) hours, and all leaks stopped which allow a loss of pressure of over two (2) pounds per square inch for the twenty-four (24) hours.

In the case of automatic dry-pipe systems with differential "Type A" valve, the valve shall be held off its seat during the test to prevent injuring the valve.

Non-automatic systems shall be tested after installation at not less than fifty (50) pounds per square inch in excess of the pressure necessary to reach the highest line of sprinklers.

All tests of installed systems shall be made by the contractor in the presence of the Fire Commissioner, or his authorized representative.

RULES

No piping, devices nor any portion of a newly constructed sprinkler system shall be covered up or permanently concealed until tested by the Bureau of Fire Prevention and approved of in writing, except piping passing through floors, walls, partitions or beams for distances equal to the thickness of such floors, walls, partitions or beams.

Rule 46. Non-fireproof Business Buildings. Automatic sprinklers required in non-fireproof business buildings under the provisions of Chapter 5, Article 4, Section 72, Subdivision L, Code of Ordinances, shall consist of at least a One Automatic Source System, except buildings used as freight depots, car barns, stables, garages, factories and grain elevators which sprinkler systems shall be supplied by any two of the automatic sources or one of the automatic sources and a fire pump as described in rules 9 and 10.

Rule 47. Department Stores. Wet sprinkler systems shall be required in all department stores and where the floor area on any story or cellar exceeds 20,000 square feet, the system shall be supplied by two of the automatic sources as provided for in Rule 14.

Rule 48. Factories and Other Buildings. Where the Labor Law or the Code of Ordinances require automatic sprinkler systems, or where any of the requirements of the Labor Law or Code of Ordinances are waived because of the installation of an automatic sprinkler system, such sprinkler systems, unless specifically otherwise required by the Fire Commissioner, Code of Ordinances, Labor Law, or these rules, shall have at least the following sources of supply installed in accordance with these rules:

1. A Gravity tank and siamese, or
2. A Pressure tank and siamese, or
3. A direct 6 inch connection to the City water supply fed two ways, capable of furnishing water at not less than 15 pounds per square inch static—pressure at the highest line of sprinklers below the main roof, and the required siamese.

Rule 49. Theatre Buildings. Automatic sprinklers required in theatre buildings under the provisions of Chapter 5, Article 25, Section 524, Code of Ordinances, shall consist of at least a One Source Automatic System.

Rule 50. Firework Storage. Automatic sprinklers required in buildings in which fireworks are stored or sold under the provisions of Chapter 10, Article 6, Section 92, Code of Ordinances, shall consist of either of the two automatic sources as provided in Rule 14.

Rule 51. Nitro-Cellulose Products. Automatic sprinklers as required in buildings in which nitro-cellulose products are stored under the provisions of Chapter 10, Article 19, Section 232, Code of Ordinances, shall consist of a system supplied from both approved gravity tank supply and an approved pressure tank supply, except that no change shall be required in supplies to automatic sprinkler equipments previously approved by the Fire Commissioner as two source systems, in conformity with the provisions of this rule as in force up to December 1, 1921.

In buildings wherein are stored or handled only limited quantities of nitro-cellulose products, not exceeding 500 pounds, the automatic sprinklers may consist of either of the two automatic sources as provided for in Rule 14.

Rule 52. Inflammable Motion-Picture Films. Automatic sprinklers, required in buildings in which inflammable motion-picture films are stored under the provisions of Chapter 10, Article 20, Section 241, Code of Ordinances, shall consist of a system supplied from both an approved gravity tank supply and an approved pressure tank supply except that no change shall be required in supplies to automatic sprinkler equipments previously approved by the Fire Commissioner as two source systems in conformity with the provisions of this rule as in force up to December 1, 1921.

Rule 53. Sprinkler Protection for Special Hazards in Non-Sprinklered Buildings Not Provided for by Laws or Ordinances or in These Rules.

Sprinkler heads and piping may be provided on ceilings of enclosed rooms, closets, shafts, or other spaces which are used as carpenter shops, upholstering rooms, paint shops, waste paper rooms, old record storerooms, trunk and general storage rooms in hotels, offices or other buildings, and in stores and showrooms or where nitro-cellulose products or inflammable photographic or X-ray film is stored or used, or in ice boxes of cold storage plants.

The number and type of sprinkler heads, spacing and size of pipe, location and number of valves, method of draining lines, water flow or other alarms, shall be as required by the Fire Commissioner to properly protect the special hazard.

The source of water supply where required may be taken from the house supply tank or other sources of water supply, except that no connection shall be taken from the standpipe system or from the feed line to boilers. In all cases there shall be sufficient water to provide 20 gallons of water per head for 30 minutes and, further, that the pressure on any sprinkler line shall, where practicable, be not less than 15 pounds static pressure.

Rule 54. Existing Installations and Approvals. Automatic sprinkler systems and devices heretofore installed shall not be required to conform to these rules where the fire hazard due to construction and occupancy of the building is not increased or where substantial additions or extensions in height or area is made to the building when these rules shall apply if deemed advisable or necessary by the Fire Commissioner.

Rule 55. Communicating Openings. When a building fully equipped with sprinklers communicates with another not so equipped the openings must be protected by approved fire doors on both sides of the wall, one of which must be automatic.

Rule 56. Maintenance Inspection. Automatic sprinkler systems shall be inspected at least once a month by the person in charge of the building, or by other competent person employed by the owner, to see that all parts of the system are in perfect working order, and the fire department connection or connections, if any, ready for immediate use by the Fire Department. A detailed record of each inspection shall be kept for examination by a representative of the Fire Department.

There shall be kept available at all times in the premises a supply of extra sprinklers, never less than six (6), to replace promptly any fused or damaged sprinklers. And there shall be one or more employees instructed in the maintenance of sprinkler system.

Saving Clause. All rules and regulations previously adopted and conflicting with these rules are hereby rescinded.

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals August 30, 1917; Amended November 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth ($1/200$) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood joisted floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($7/8$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2½:5 concrete or better, reinforced with not less than one-fourth ($1/4$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($1/2$) inch plaster boards, or three-eighths ($3/8$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($1/4$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches

on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non-fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($3/4$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, one-half ($1/2$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($7/8$) inch wood sheathing, two thicknesses of one-quarter ($1/4$) inch asbestos boards laid with tight staggered joints and jacketed with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
- 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
- 1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A"
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 164-33-SA—Firemaster Fire Extinguisher.
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 205-34-SA—Automatic Firetox Extinguisher.
- 224-34-SA—Progressive Press Machine Oil Burner
- 301-34-SM—"Radbur" Flameproofing Compound.
- 325-34-SA—Diamond Range Oil Burner.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.
- 123-35-SA—National Airoil Safety Tank Filling Valve.
- 133-35-SA—Monarch Industrial Oil Burner.
- 135-35-SA—Loyalty Conversion Hot Water Heater.

- 156-35-SA—Gillespie Elevator Shaft Door Switch.
- 157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.
- 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
- 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 166-35-SA—ServWell Space Heater, Models 247T and 248.
- 167-35-SA—Serv-Well Water Heater, Models 255A and 255B.
- 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
- 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.
- 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
- 207-35-SA—Cole's Blast Oil Burning Heating Stove.
- 208-35-SA—Oceco Rotary Pump for Petroleum Products.
- 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
- 217-35-SA—Brigham Oil Burner.
- 219-35-SA—United Copper Service Pipe.
- 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
- 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
- 238-35-SA—Garfire Gun (Fire Extinguisher).
- 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
- 244-35-SA—Woolley Patent Mechanical Oil Burner.
- 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
- 249-35-SA—Acme High and Low Water Alarm Tank Switch.
- 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
- 263-35-SA—Ker-Oil Automatic Water Heater.
- 265-35-SA—French Automatic Oil Burner, Model 5 De Luxe.
- 266-35-SA—Kerogas Bowl Type Oil Space Heater, Models 300, 305, 310, 315 and 320.
- 269-35-SA—Kamy Oil Burner.
- 274-35-SA—Econ-O-Matic Fuel Oil Burner, Model 41.
- 310-35-SA—Viking Pot Type Space Heater, Models, 165 and 170.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	36
Cases filed up to November 20, 1935	332	Dismissed	14
Restored to Calendar	119	Denied	89
		Granted	5
		Granted on condition	190
		Appliance approved	80
		Appliances dismissed, disapproved or withdrawn....	20
		Rules approved	2
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	341	Requests to reopen granted	312
Requests to amend	124	Requests to reopen denied	8
Requests for modification	0	Requests to amend granted	124
Requests to rescind	6	Requests to amend denied	0
Requests for extension of time	58	Requests for modification granted	0
Requests for extension of permit	8	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	6
Requests for approval of plans	9	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	58
Requests for interpretation	0	Requests for extension of time denied	0
Total	1160	Requests for extension of permit granted	8
Disposed of	982	Requests for extension of permit denied	0
Cases pending November 20, 1935	178	Requests to install granted	0
		Requests to install denied	0
		Plans approved	9
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed	21
		Total	982

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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BOARD OF STANDARDS AND APPEALS

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Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription DECEMBER 3, 1935 Single Copies, 5 cents No. 49
\$2.50 a year By mail, 8 cents

DIRECTORY

BOARD OF STANDARDS AND APPEALS

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EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.

All communications should be addressed to the chairman of the board

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Rules Directory.

Call of Clerk's Calendar.

The Hearing Calendar.

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Minutes of Regular Meeting, November 26, 1935, at 2 P. M., Affecting Calendar Numbers 626-32-BZ, 384-31-BZ, 330-33-BZ, 106-35-BZ, 1072-23-BZ, 255-35-BZ, 638-23-BZ, 258-35-BZ, 293-35-A, 305-35-A, 325-35-A, 187-35-A, 62-28-A and 318-35-S.

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Approved Fuel Oil Pumps.

Notice of Public Hearing on Proposed Revision of Paint, Varnish and Lacquer Spraying Rules.

Approved Range Oil Burners and Space Heaters.

Reserve Calendar.

Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, December 2, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, December 9, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed Up to November 27, 1935.

<i>Cai. No.</i>	<i>Department.</i>	<i>Premises Affected.</i>
338-35-BZ....	D.B.B.....	802 32nd street, southwest corner of Avenue H and 1599-1609 Flatbush avenue (Block 7577, Lot 73), Brooklyn,
		Applic. 2626-34.
337-35-A.....	F.D.....	1739-1751 Hart place, south side, 287.734 ft. west of Cropsey avenue (Blocks 6993 and 6994, Lots 20 and 27), Brooklyn,
		66979-L.C.
336-35-BZ....	D.B.Bx....	3312 Boston road, east side, 208.15 ft. north of Gun Hill road (Block 4732, Lot 12), The Bronx.
		S. A. 108-32.
335-35-BZ....	D.B.Q.....	108th road, north side, 117 ft. 5 in. west of Merrick road, (Block 1241, Lot 18), Jamaica, Queens,
		Applic. 4417-35.
334-35-A.....	F.D.....	2400-2420 Bedford avenue and 2307 Beverly road, northwest corner (Block 5134, Lot 4), Brooklyn,
		65697-L.C.
333-35-A.....	F.D.....	Transportation of Fuel Oil in trucks in New York City,
		Decision.
		<i>Restored to Calendar.</i>
187-35-A.....	D.B.B.....	Pier 38, Clinton Wharf, Atlantic Basin (Block 515, part of Lot 1), Brooklyn,
		Applic. 2413-35.
626-32-BZ....	D.B.M....	368-380 Front street (Block 243, Lots 70-76), Manhattan,
		N. B. 29-33.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

		<i>Last Publication in Bulletin</i>
Certificate of Occupancy, approved forms	Aug.	2. 1932—Vol. 17. No. 31
Concrete Flat Slabs. Rules.....	Dec.	4. 1934—Vol. 19. No. 49
Concrete Rules (Hydrated Lime).....	Nov.	19. 1935—Vol. 20. No. 47
Elevator Rules	May	21. 1935—Vol. 20. No. 21
Exit Rules (Revolving Doors).....	Jan.	1. 1935—Vol. 20. No. 1
Factory Exit Rules.....	June	4. 1935—Vol. 20. No. 23
Fire Alarm Rules (Interior).....	May	28. 1935—Vol. 20. No. 22
Fire Drill Rules	Oct.	29. 1935—Vol. 20. No. 44
Fire Retarding Rules for Garages.....	Nov.	26. 1935—Vol. 20. No. 48
etc.	Nov.	26. 1935—Vol. 20. No. 48
Fireproof Wood, Testing of.....	Apr.	9. 1935—Vol. 20. No. 15
Frame Garages. Ruling for.....	Jan.	21. 1919—Vol. 4. No. 3
Gas Shut-Off Rules.....	Apr.	7. 1925—Vol. 10. No. 14
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Plumbing Rules.....	Nov.	19. 1935—Vol. 20. No. 47
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Refrigerating Systems. Extract C.O.....	Sep.	24. 1935—Vol. 20. No. 39
Smoking in Factories. Rules for.....	July	9. 1935—Vol. 20. No. 28
Sprinkler Rules.....	Nov.	26. 1935—Vol. 20. No. 48
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LIST OF APPROVED APPLIANCES

Anti-Siphon Valves.....	Mar.	5, 1935—Vol. 20, No. 10
Fireline Hose Valves.....	Nov.	12, 1935—Vol. 20, No. 46
Fuel Oil Burners for Domestic and Commercial Use.....	Nov.	12, 1935—Vol. 20, No. 46
Fuel Oil Fill Pipe Terminals	Nov.	19, 1935—Vol. 20, No. 47
Fuel Oil Burners for Industrial Use.....	Nov.	12, 1935—Vol. 20, No. 46
Fuel Oil Pumps.....	Dec.	3, 1935—Vol. 20, No. 49
Paint, Varnish and Lacquer Spray- ing Equipment.....	Nov.	26, 1935—Vol. 20, No. 48
Range Oil Burners and Space Heaters	Dec.	3, 1935—Vol. 20, No. 49

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 2, 1935, AT 2 P. M.

Building Zone Cases.

282-35-BZ.	
APPLICANT—William B. Linder, for Violet Kramer, owner.	
PREMISES—1159-1167 Utica avenue and 5002-5010 Clarendon road, southeast corner (Block No. 4771, Lot Nos. 1 and 78), Brooklyn.	
APPLICATION, under section 21 of the building zone resolution,	
TO PERMIT in a business district the erection and maintenance of a gasoline service station.	
287-35-BZ.	
APPLICANT—William E. Kennedy, for Abraham A. Goldstein, owner.	
PREMISES—Southeast corner of Parsons boulevard and 84th road (Block No. 864, Lot No. 261), Jamaica, Borough of Queens.	
APPLICATION, under section 21 of the building zone resolution,	
TO PERMIT in a business district the erection and maintenance of a gasoline service station.	
1109-27-BZ.	
APPLICANT—Michael Levine, for Ft. Greene Associates, Inc., owner.	
PREMISES—106-21 Woodhaven boulevard (Cross Bay boulevard), east side, 365.61 ft. north of 108th avenue (Block No. 430, part of Lot No. 45), Woodhaven, Borough of Queens.	
APPLICATION, under section 21 of the building zone resolution (reopened September 17, 1935),	
TO PERMIT in a business district the erection and maintenance of a gasoline service station.	
186-30-BZ.	
APPLICANT—Ethel Quasman, owner.	
PREMISES—74-02 to 74-12 Jamaica avenue and 1 Elderts lane, southeast corner (Block No. 50, part of Lot No. 1), Woodhaven, Borough of Queens.	
APPLICATION, under section 21 of the building zone resolution (reopened October 8, 1935),	
TO PERMIT partly in a business district and partly in a residence district the erection and maintenance of a gasoline service station.	
26-32-BZ.	
APPLICANT—Louis Schlefer, for Minnie Streit, owner.	
PREMISES—1551-1555 Coney Island avenue, east side, 100 ft. south of Avenue L (Block No. 6731, Lot No. 90), Brooklyn.	
APPLICATION, under section 21 of the building zone resolution,	
TO PERMIT in a business district the erection and maintenance of a gasoline service station (reopened September 10, 1935, for rehearing by Order of the Court).	
654-27-BZ.	
APPLICANT—Wagner, Quillinan & Rifkind, for Henry Pape, owner.	

CALENDAR

PREMISES—622-632 Foster avenue, southwest corner of East 7th street (Block No. 6494, Lot No. 8), Brooklyn.

APPLICATION, under sections 7e and 21 of the building zone resolution (reopened July 16, 1935),

TO PERMIT the amendment of a resolution granting in a business district the change of occupancy of an existing building to a garage for the storage of more than five (5) motor vehicles of the pleasure-car type, so as to include motor vehicles of the commercial-car type.

240-35-BZ.

APPLICANT—Samuel Rosenblum, for Bawnfawn Holding Corp., owner.

PREMISES—88-15 Queens boulevard and 89-05 56th avenue, northwest corner (Block No. 1844, Lot No. 3), Woodside, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

DECEMBER 3, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 3, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 246-35-BZ—Application, September 17, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Elinor D. Manson and Nora M. Reich, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

CAL. NO. 273-35-BZ—Application, October 7, 1935, under sections 7a, 7c and 21 of the building zone resolution, of Walter B. Woodruff, applicant, on behalf of John T. Woodruff & Son, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

CAL. NO. 205-35-BZ—Application, July 26, 1935, under section 21 of the building zone resolution, of Samuels and Samuels, applicants, on behalf of Bobrose Developments, Inc., owner, to permit in a business district the alteration and change of occupancy of an existing building so as to include a gasoline service station; premises 163-03 Northern boulevard, northeast corner of 163rd street (Block No. 5338, Lot No. 5), Flushing, Borough of Queens.

CAL. NO. 284-35-BZ—Application, October 16, 1935, under sections 7c and 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Charles E. Sack-

mann and Anjie A. Sackmann, owners, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (stores and motion picture theatre); premises 725 Church avenue, north side, 156 ft. 6¾ in. east of East 7th street (Block No. 5330, Lot Nos. 55 and 60), Brooklyn.

CAL. NO. 278-35-BZ—Application, October 10, 1935, under sections 7a, 7b and 21 of the building zone resolution, of C. A. Sandblom, applicant, on behalf of Moe Weinberger, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre; premises 333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 3, 1935, 2 P. M.

Appeals from Administrative Orders.

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), The Bronx.

283-35-A—Transportation of Fuel Oil in Trucks in New York City.

286-35-A—51-61 Union street, northwest corner of Van Brunt street (Block No. 334, Lot No. 34), Brooklyn.

299-35-A—25-48 122nd street (Block No. 4258, Lot No. 16), College Point, Borough of Queens.

317-35-A—Transportation of Fuel Oil in Trucks in New York City.

321-35-A—100-104 Morningside avenue and 403-407 West 123rd street, northwest corner (Block No. 1964, Lot Nos. 29 and 33), Manhattan.

322-35-A—418 West 124th street, south side, 352 ft. west of Morningside avenue (Block No. 1964, Lot No. 46), Manhattan.

323-35-A—426 West 124th street, south side, 425 ft. west of Morningside avenue (Block No. 1964, Lot No. 50), Manhattan.

327-35-A—130 Washington place West, south side, 1 ft. east of Sheridan square and 187-191 West 4th street (Block No. 592, Lot No. 2), Manhattan.

Appliances Submitted for Approval.

313-35-SA—Peoples Silent Oil Burner, Models O and G.

329-35-SA—Baker Perkins Atomizing Type Mechanical Draft Oil Burner, Type C and CD Controls.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, December 3, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 390-27-BZ—Application of Conroy and Hardy, on behalf of Ralph Holding Corporation, owner, reopened March 26, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 73-34 to 73-46 Cooper avenue, south side, 22.22

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feet west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

CAL. NO. 120-35-BZ—Application of Maxwell A. Cantor, applicant, on behalf of Andon E. Andon, owner, reopened October 22, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

CAL. NO. 35-34-BZ—Application of Sidney L. Strauss, applicant, on behalf of Fannie Levy, owner, reopened May 7, 1935, under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be used as stores and also a motor vehicle repair shop; premises 625-631 West 176th street and 74 Wadsworth avenue, northwest corner (Block No. 2145, Lot No. 54), Manhattan.

CAL. NO. 254-35-BZ—Application, September 11, 1935, under sections 7a and 21 of the building zone resolution, of Scacchetti and Siegel, applicants, on behalf of Win'er Mead and R. Hawley Truax, as trustees of owner, to permit in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated), a portion of the garage having been previously granted by the board; premises 300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 6, 1935, 10 A. M.

SPECIAL MEETING.

Rules

262-35-SR—Proposed Rules for Liquefiers used to convert solid carbon dioxide to a liquid and/or a gas.

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 9, 1935, AT 2 P. M.

Building Zone Case.

235-35-BZ.

APPLICANT—Leon J. Levine, for Victoria B. Cohen, owner.

PREMISES—158-07 Rockaway boulevard, southeast corner of Conover street (Block No. 4481, Lot No. 69), Jamaica, Borough of Queens.

APPLICATION, under sections 7a and 21 of the building zone resolution,

TO PERMIT in a business district the change of occupancy of part of an existing gasoline service station to a motor vehicle repair shop.

DECEMBER 10, 1935, 10 A. M.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 10, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 145-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Charles Ginsberg and Max Chesnoff, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

CAL. NO. 112-35-BZ—Application, April 30, 1935, under section 21 of the building zone resolution, of Philip Wolfson, applicant, on behalf of Giuseppe Genco, owner, to permit in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop; premises 115-61 Merrick road and 172-01 116th avenue, northeast corner and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Borough of Queens.

CAL. NO. 271-35-BZ—Application, October 4, 1935, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Treipor Realty Company, owner, to permit in a residence district the erection and maintenance of a business building (store); premises 1166 Ward avenue, east side, 100 ft. south of Westchester avenue (Block No. 3742, Lot No. 38), The Bronx.

CAL. NO. 277-35-BZ—Application, October 19, 1935, under section 21 of the building zone resolution, of Gerard M. Bloomfield, applicant, on behalf of Fordof Realty Co., Inc., owner, to permit in a residence district the change of occupancy of an existing residence building to business use; premises 2171 Grand Concourse, west side, 182.75 ft. north of East 181st street (Block No. 3162, Lot No. 43), The Bronx.

CAL. NO. 172-21-BZ—Application of John J. Dunnigan, applicant, on behalf of Riverside-St. Clair Corp., owner, reopened October 29, 1935, under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of electric roof signs; premises 564 Riverside drive, east side, 293.10 ft. south of St. Clair place (Block No. 1995, Lot No. 70), Manhattan.

CAL. NO. 577-19-BZ—Application of Joseph B. Lynch, applicant, on behalf of Emil Navone, owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit in a business district the inclusion of a gasoline service

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station in a garage for more than five (5) motor vehicles (garage previously granted by the board); premises 179-183 West Houston street and 231-235 Sixth avenue, southwest corner (Block No. 520, Lot No. 33), Manhattan.

HARRIS H. MURDOCK, *Chairman*.

DECEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders.

293-35-A—39 West 19th street (10th floor); (Block No. 821, Lot No. 14), Manhattan.

328-33-A—4299 Boston road, west side, 283-31 ft. south of City Line (Block No. 5655, Lot No. 313), The Bronx.

Variation of Labor Law.

268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Manhattan.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, December 10, 1935, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district the mainenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

CAL. NO. 117-35-BZ—Application, May 8, 1935, under section 21 of the building zone resolution, of William J. Wilson, applicant, on behalf of Rose Bozzi, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

CAL. NO. 212-35-BZ—Application, August 5, 1935, under section 21 of the building zone resolution, of Thomas W. Lamb, Inc., applicant, on behalf of Edwin J. Long, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Brooklyn.

CAL. NO. 233-32-BZ—Application of Richard Vom Lehn Sons, applicants, on behalf of Treselmina Co., owner, reopened November 19, 1935, for consideration as to extension of time re Application granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 267-271 Eastern Parkway Extension, northeast corner of Rockaway avenue (Block No. 1455, Lot No. 1), Brooklyn.

sion of time re Application granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 267-271 Eastern Parkway Extension, northeast corner of Rockaway avenue (Block No. 1455, Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

DECEMBER 13, 1935, 10 A. M.

SPECIAL MEETING.

Rules

353-30-SR—Paint, Varnish and Lacquer Spraying Rules, Proposed Revision of.

CALL OF CLERK'S CALENDAR MONDAY, DECEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

252-35-BZ.

APPLICANT—Edward Flander, for Carmelo Bernardo and Carmela Bernardo, owners.

PREMISES—104-06 Astoria boulevard, southwest corner of 104th street (Block No. 1691, Lot No. 1), Corona, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

301-35-BZ.

APPLICANT—Elias K. Herzog, for Frances Foster, owner.

PREMISES—932 Simpson street, east side, 83.80 ft. south of East 163rd street (Block No. 2723, Lot No. 37), The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution,

TO PERMIT, partly in a business district and partly in a residence district the erection and maintenance of a business building (stores).

309-35-BZ.

APPLICANT—Hillside Parking Corp., for Nathan Straus, owner.

PREMISES—Northwest corner of Wilson avenue and East 214th street (Block No. 4709, Lot No. 1), The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the use of a plot of ground as a parking space for the storage of more than five (5) motor vehicles.

324-35-BZ.

APPLICANT—James F. Hunter, for Standard Gas Light Co., owner.

PREMISES—35-39 West 124th street, north side, 390 ft. west of Fifth avenue and 32-42 West 125th street (Block No. 1722, Lot Nos. 20, 20½, 21, 51, 53 and 54), Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT the extension, from a business district into a residence district, of an existing business building.

311-33-BZ.

APPLICANT—Lama and Proskauer, for Churchway Holding Corp., owner.

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PREMISES—5709-5717 Church avenue, northwest corner of Kings Highway (Block No. 4683, Lot Nos. 36½, 42 and 44), Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

DECEMBER 17, 1935, 10 A. M.

Bulding Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 17, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 272-30-BZ—Application of Jacob A. Freedman, applicant, on behalf of Rubel Corporation, owner, reopened October 1, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (remitted by order of the Court for hearing); premises 440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Brooklyn.

CAL. NO. 130-35-BZ—Application, May 23, 1935, under sections 7a and 21 of the building zone resolution, of Edwin H. Snackenberg, applicant, on behalf of New York Rapid Transit Corporation, owner, to permit in a business district the extension of an existing gasoline service station and also the erection and maintenance of a motor vehicle repair shop; premises 402-10 64th street and 64-01 to 64-19 Fourth avenue, southeast corner (Block No. 5818, part of Lot No. 1), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 17, 1935, 2 P. M.

Appeal from Administrative Order.

305-35-A—Transportation of Fuel Oil in Trucks in New York City.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, December 17, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 626-32-BZ—Application of Philip Bardes, applicant, on behalf of United States Trucking Corporation, owner, reopened November 26, 1935, under section 21 of the building zone resolution, to permit the extension from an unrestricted district into a business district of a proposed motor vehicle repair shop; premises 368-380 Front street, north side, 114 ft. west of Jackson street (Block No. 243, Lot Nos. 70 to 76), Manhattan.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 7, 1936, 10 A. M.

Building Zone Application.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 7, 1936*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 251-35-BZ—Application, September 20, 1935, under sections 7c and 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Magaroff Realty Corp., lessee (long term lease), to permit partly in a residence district and partly in a business district the erection and maintenance of a business building (stores); premises 2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

SPECIAL NOTICE

There is now on display in one of the rooms in this Board a set of seven maps of the City of New York, covering the real property inventory report, prepared by the

Mayor's Committee on City Planning. If interested, these maps may be seen any week day and up to 12 o'clock on Saturdays.

NOTICE

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, NOVEMBER 26, 1935.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the special meeting of the board held on Wednesday morning, November 13, 1935, and the minutes of the special meeting of the board held on Wednesday afternoon, November 13, 1935, were approved as printed in Bulletin No. 47, Vol. XX; and the minutes of the regular meeting of the board held on Tuesday morning, November 19, 1935, and the minutes of the regular meeting of the board held on Tuesday afternoon, November 19, 1935, were approved as printed in Bulletin No. 48, Vol. XX.

BUILDING ZONE CASES

251-35-BZ.

APPLICANT—William B. Linder, for Margaroff Realty Corp., lessee (long term lease).

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7c and 21 of the building zone resolution to permit partly in a residence district and partly in a business district the erection and maintenance of a business building (stores).

PREMISES AFFECTED—2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Brooklyn.

APPEARANCES—

For Applicant: Evelyn Furman.

For Opposition: None.

ACTION OF BOARD—Laid over to January 7, 1936, at 10 a. m., upon request of applicant's representative.

278-35-BZ.

APPLICANT—C. A. Sandblom, for Moe Weinberger, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under sections 7a, 7b and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre.

PREMISES AFFECTED—333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Brooklyn.

APPEARANCES—

For Applicant: None.

For Opposition: Milton Stuchiner.

ACTION OF BOARD—Laid over to December 3, 1935, at 10 a. m., upon request of objector's representative.

247-35-BZ.

APPLICANT—Scacchetti & Siegel, for Teresa Pisaniello, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—3007-3009 East Tremont avenue and 1491 Ericson place, northwest corner (Block No. 5381, Lot No. 38), The Bronx.

APPEARANCES—

For Applicant: Max Siegel.

For Opposition: Samuel D. Muney.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative: Commissioner Savage 1

Negative: Chairman Murdock, Commissioner Blum and Assistant Chief Kidney 3

Absent 0

THE RESOLUTION—

(247-35-BZ)

WHEREAS, Scacchetti and Siegel, for Teresa Pisaniello,

owner, filed, September 18, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 3007-3009 East Tremont avenue and 1491 Ericson place, northwest corner (Block No. 5381, Lot No. 38), Borough of The Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, November 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that East Tremont avenue is in business and unrestricted districts; Erickson place is in a business district; Appleton avenue is in business and unrestricted districts; and

WHEREAS, the decision of the commissioner of buildings, rendered September 11, 1935, re N. B. Applic. No. 324-1935, reads:

"1. Erection of buildings and maintenance of premises in business districts to be occupied as gasoline service station is contrary to provisions of building zone resolution.";

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 90.1 ft. on East Tremont avenue and 60.1 ft. on Ericson place upon which it is proposed to erect a one-story office and lubritorium structure 30 ft. by 23 ft. in area and also, the necessary tanks and pumps for a gasoline service station; and

WHEREAS, a committee of the board, in order to be informed prior to the hearing, inspected these premises on November 22, 1935; and

WHEREAS, the board deemed that the lot was too small for the proposed use and that the plot could be used for a conforming use and that if considered improperly zoned, the proper recourse would be by petition to the Board of Estimate and Apportionment to change the zoned use to unrestricted; and

WHEREAS, the board deemed that applicant failed to substantiate basis of appeal under section 21 on the grounds of practical difficulty and unnecessary hardship.

Resolved, that the decision of the commissioner of buildings be and it hereby is *approved*, and that the application be and it hereby is *denied*.

119-35-BZ.

APPLICANT—Chester Baffa, for Annie E. Clark, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 7-A of the building zone resolution, to permit in a business district the conversion of occupancy of an existing building (auto laundry) to a motor vehicle repair shop.

PREMISES AFFECTED—502 Atlantic avenue, south side, 200 ft. west of Third avenue (Block No. 185, Lot No. 18), Brooklyn.

APPEARANCES—

For Applicant: Chester Baffa and Abraham Levingson.

For Opposition: Samuel L. Teitler and Louis P. Conway.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(119-35-BZ)

WHEREAS, Chester Baffa, for Annie E. Clark, owner, filed, May 13, 1935, an application under the building zone resolution to permit in a business district the conversion of

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occupancy of an existing building (auto laundry) to a motor vehicle repair shop; premises: 502 Atlantic avenue, south side, 200 ft. west of 3rd avenue (Block No. 185, Lot No. 18), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, November 26, 1935, after due notice by publication in the bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Atlantic avenue is in a business district; 3rd avenue is in business and unrestricted districts; Nevins street is in a business district; Pacific street is in unrestricted and business districts; and

WHEREAS, the decision of the commissioner of buildings, rendered April 22, 1935 (re App. No. 1466-1935), reads:

"Application to change occupancy from auto laundry to repair shop for motor vehicle is contrary to Art. II, Sec. 4, Subd. 29, Zoning Resolution and is hereby denied.";

WHEREAS, the building is of non-fireproof construction, one story in height, with a frontage of 25 ft. and a depth of 100 ft., to be occupied as a motor vehicle repair shop; and

WHEREAS, it appears that the premises had been occupied for a blacksmith shop and motor vehicle repair shop prior to 1916; and

WHEREAS, the board deemed that the application is substantiated under the provisions of section 7, subdivision a of the building zone resolution,

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that

the application be and it hereby is *granted* under section 7-a, permitting the existing building as extended in accordance with plans filed with and approved by the commissioner of buildings in 1930, to be used as automobile repair shop, *on condition* that the building shall not be increased in height; that the ceilings throughout shall be fire retarded in accordance with the Rules of the Board of Standards and Appeals; that any enclosing walls not of fireproof construction shall be fire retarded from floor to ceiling; that all windows in the enclosing walls shall be of fireproof frames and sash, glazed with wire glass; that any roof skylights shall be not nearer than 10 ft. to either side lot line and shall be constructed with metal frames and sash and glazed with wire glass; that the automobile repairing shall be limited to such work as can be done by manual tools and by machines not requiring motor power more than ½ h.p. each; that such repair work shall be done entirely within the building and that there shall be no open forges or open flames permitted other than a plumber's torch for soldering; that a brake-testing machine may be operated; that signs shall be limited to permanent signs similar to those now existing on front of building, excluding all roof signs and signs on the side walls; that repair work shall not be done on Sundays or on other days after 9:00 p. m.; and that all permits shall be obtained within six months and all work shall be completed within one year from the date of this resolution; and that this variation shall apply only so long as the present building and the existing use thereof continues.

Adjourned, 11:00 a. m.

EDWARD V. BARTON, Chief Clerk.

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BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, NOVEMBER 26, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES.

626-32-BZ.

APPLICANT—Philip Bardes, for United States Trucking Corporation, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit the extension from unrestricted into a business district of a proposed garage for more than five (5) motor vehicles.

PREMISES AFFECTED—368-380 Front street, north side, 114 ft. west of Jackson street (Block No. 243, Lot Nos. 70 to 76), Manhattan.

APPEARANCES—

For Applicant: Philip Bardes and Thomas C. Shea.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing, December 17, 1935, at 2 p. m. Applicant to notify property owners in the affected area by registered mail on or before December 5, 1935.

THE VOTE TO REOPEN AND SET FOR HEARING—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

384-31-BZ.

APPLICANT—Sylvester Kerrigan, for Lillian Sellowitz, owner.

SUBJECT—Request for reopening—amendment—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a residence use district the erection of office, grease pit and car washing building to be used as accessory to an existing gasoline service station.

PREMISES AFFECTED—2596-2604 Linden boulevard, southwest corner of Crescent street (Block No. 4485, Lot Nos. 6 and 9), Brooklyn.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Request to reopen, dismissed for lack of prosecution.

THE VOTE TO DISMISS REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

330-33-BZ.

APPLICANT—Sylvester Kerrigan, for Harry Sheer, owner.

SUBJECT—Request for reopening—amendment—re Application (decision of the commissioner of buildings), under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

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PREMISES AFFECTED—North side of Northern boulevard, 386 ft. west of Alley Creek (Block No. 2033, Lot No. 630), Little Neck, Borough of Queens.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Request to reopen, dismissed for lack of prosecution.

THE VOTE TO DISMISS REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

106-35-BZ.

APPLICANT—Frank G. Whiteside, for Fourth Assembly District Unit, Republican League of Queens County, Inc., lessee.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a residence district the change of occupancy of an existing building to business use (restaurant, ballroom, etc.).

PREMISES AFFECTED—153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: Frank G. Whiteside, Mr. Goldenberg.

For Opposition: Kenneth R. Thompson, Robert P. Orr, Joseph T. Muhs, Patrick Duffy, E. H. Reeves, Louis Levine, Loretta L. Muhs.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Absent	0

THE RESOLUTION—

(106-35-BZ)

WHEREAS, Fertig, Walter and Gottesman, for Michael Tuch, owner, filed, April 22, 1935, an application under the building zone resolution to permit in a residence use district the change of occupancy of an existing building to a business use; premises 153-14 90th avenue, south side, 100.08 ft. east of 153rd street (Block No. 829, Lot No. 20), Jamaica, Borough of Queens; and

WHEREAS, this application was granted by the board July 16, 1935, on certain conditions, the resolution reading as follows:

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the building zone resolution and that the application be and it hereby is *granted* under section 21 of the building zone resolution, permitting a conditional business use of the existing premises for a period of two years from the date of this action, *on condition* that the building shall not be increased in height or area and that the occupancy shall be limited to meetings of fraternal lodges, church meetings and weddings, excluding all commercial occupancy and prohibiting the sale and dispensation of liquor on the premises or the installation of a restaurant; that the existing bar on the premises shall be completely removed and that such music as is permitted on the premises shall be limited to a string orchestra consisting of not more than four (4) pieces;

and

WHEREAS, Frank E. Whiteside, representing the lessee of the premises, requested a reopening of the case and an amendment of the resolution; and

WHEREAS, this case was reopened by vote of the board October 29, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, November 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 90th avenue is residence and business; 155th street is residence and business; 153rd street is residence and business, and 90th road is business; and

WHEREAS, the lessee now requests permission to have additional musical instruments and to serve other beverages than those permitted; and

WHEREAS, the board granted a variation of the zoning resolution in connection with premises under appeal, imposing certain restrictions; and

WHEREAS, the applicant now seeks the removal of these restrictions and an amendment of the resolution granted by the board; and

WHEREAS, it appeared from testimony of objectors present owning residences adjacent, that the restrictions had not been adhered to and that considerable nuisance was being caused thereby and that relaxing restrictions as proposed would increase this nuisance.

Resolved, that the Board of Standards and Appeals does hereby *reaffirm* its resolution of July 16, 1935, and that the request for amendment of same be and it hereby is *denied*.

1072-23-BZ.

APPLICANT—Viola M. Smith, owner.

SUBJECT—Application reopened November 6, 1935—consideration as to extension of permit—re Application (order of the fire commissioner), granted for a temporary period, permitting in a residence district the maintenance of a garage for the storage of five (5) motor vehicles, four (4) spaces rented to persons not residing on the premises.

PREMISES AFFECTED—41 Richmond street, east side, 322 ft. south of Jamaica avenue (Block No. 4103, Lot No. 8), Brooklyn.

APPEARANCES—

For Applicant: Viola M. Smith.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(1072-23-BZ)

WHEREAS, this application, affecting premises 41 Richmond street, east side, 322 ft. south of Jamaica avenue, (Block No. 4103, Lot No. 8), Borough of Brooklyn, was granted by the board at its meeting November 20, 1923, for a temporary period and permit has been extended from time to time, and owner has now requested a further extension of the permit.

Resolved, that the resolution of the board adopted November 14, 1933, be *reaffirmed* in all respects except as to the termination of the temporary permit and that the resolution be amended so that the last clause shall read: "and that this permit shall be a temporary permit not extending beyond two years from the date of this amended resolution."

255-35-BZ.

APPLICANT—New York Railways Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings), under section 21 of the building zone resolution, to permit in a business district the alteration and conversion of a building used for housing street cars to a garage for more than five (5) motor vehicles.

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PREMISES AFFECTED—1552-1560 Lexington avenue, northwest corner of East 99th street and 1301-1309 Park avenue (Block No. 1627, (west) south part of Lot No. 1), Manhattan.

APPEARANCES—

For Applicant: Harold S. Glendening, Edmund C. Collins and Francis Seaman.

For Opposition: J. Montefiore Levy.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(255-35-BZ)

WHEREAS, the New York Railways Corporation, owner, filed September 23, 1935, an application under the building zone resolution to permit in a business district the alteration and conversion of a building used for housing street cars to a garage for more than five motor vehicles; premises: 1552-1560 Lexington avenue, northwest corner of East 99th street and 1301-1309 Park avenue (Block No. 1627 (west) south part of Lot No. 1), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, November 26, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Lexington avenue, East 99th street and East 100th street are all in a business district; and

WHEREAS, the decision of the commissioner of buildings, rendered September 18, 1935, (re App No 2502-1935), reads:

"Proposed use as garage is unlawful in a business district."

and

WHEREAS, the existing building is of fireproof construction 2 stories (42 ft. 6 in.) in height, with a frontage of 405 ft on East 99th street and 113 ft. 9 in. on Lexington avenue; to be occupied as garage for more than five motor vehicles; (omnibuses replacing street cars); and

WHEREAS, a committee of the board inspected the premises in question; and a verbal report of the chairman on behalf of the committee recommended granting of the application; and

WHEREAS, the board deems that the applicant is entitled to relief within the purview of section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21, to permit the building under appeal to be used as a private garage for the buses of the New York Railways Corporation and their subsidiary companies, *on condition* that the building shall not be increased in height or area; that there shall be no signs exposed or displayed on the building; that no automobile repairing shall be carried on except the necessary minor repairs to buses; that if gasoline is stored on the premises it shall comply with all the regulations required therefor; that gasoline shall be used solely for servicing buses and not for public sale; that there shall be but one opening to the building on 99th street, as shown on plans filed in this application, opposite the transfer pit; that the existing sprinkler system shall be maintained in good working condition; that all permits required shall be obtained within six months and all work completed within nine months from the date of this action.

638-23-BZ.

APPLICANT—Max Notess, owner.

SUBJECT—Application for reopening—extension of permit

—re Application (decision of the fire commissioner), under sections 7g and 21 of the building zone resolution, permitting in a residence district the maintenance of a garage for the storage of three (3) pleasure motor vehicles, two (2) spaces rented to persons not residing on the premises.

PREMISES AFFECTED—2965 Valentine avenue, west side, 117.6 ft. north of Bedford Park boulevard (Block No. 3306, Lot No. 42), The Bronx.

APPEARANCES—

For Applicant: Charles Schaefer.

ACTION OF BOARD—Application reopened and permit extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND PERMIT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(638-23-BZ)

WHEREAS, this application, affecting premises 2965 Valentine avenue, west side, 117.6 ft. north of Bedford Park boulevard (Block No. 3306, Lot No. 42), Borough of The Bronx, was granted by the board November 24, 1925, for a temporary period, and this permit extended from time to time, on certain conditions, and owner requests a further extension.

Resolved, that the variation be extended for a temporary period of two (2) years, under section 7g, commencing December 11, 1935, on condition that the capacity of the garage shall be limited to three (3) automobiles of the pleasure-car type as permitted under the zoning resolution for residence districts; that storage space for not over two cars may be rented to persons other than those residing on the premises; that no gasoline storage equipment shall be installed on the premises; that there shall be no signs or advertising displayed on the premises.

258-35-BZ.

APPLICANT—Henry C. Brucker, for Octagon Laundry, Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings), under section 7b of the building zone resolution, permitting the extension from a business district into a residence district, of an existing wet wash laundry and the erection, partly in a business district and partly in a residence district, of a proposed garage for more than five (5) motor vehicles as an accessory to the laundry.

PREMISES AFFECTED—2120-2124 Menahan street (rear), south side, 185.96 ft. east of Grandview avenue (Block No. 3373, Lot No. 18), Ridgewood, Borough of Queens.

APPEARANCES—

For Applicant: Charles Fertsch and William Eisenhardt.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

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THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(258-35-BZ)

WHEREAS, this application affecting premises 2120-2124 Menahan street (rear), south side, 185.96 ft. east of Grandview avenue (Block No. 3373, Lot No. 18), Ridgewood, Borough of Queens, was granted by the board November 6, 1935, on certain conditions and owner requested an amendment of the resolution.

Resolved, that the resolution adopted by the board on November 6, 1935, be and it hereby is amended, so that as amended the resolution will read:

"Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution and that the application be and it hereby is granted, under section 7-B, permitting the construction of the addition to the existing building on condition that the building shall be constructed of fire proof materials, except that the roof beams and roof boarding may be of wood provided the ceiling throughout is fire-retarded in accordance with the rules of the Board of Standards and Appeals and all supporting girders shall be of steel and all columns of steel or masonry and that the roof weather surfacing is of non-inflammable material; that there shall be no openings of any nature in the walls of the building to the adjoining premises; that any skylight erected shall be not nearer than 10 ft. to any part of a lot line; that the existing boilerroom in the laundry building shall open only to the existing driveway on the easterly side of the premises; in accordance with the amended application, this space may be used as an extension of the existing laundry building instead of as a garage, in which case no part of the extension shall be used for garage purposes; that any gasoline tank and pump on the premises shall be entirely removed; that other than as modified herein, the building shall comply with all laws and regulations including the Labor Law applicable thereto; that all permits shall be obtained within six months and all work completed within one year from the date of this amended action."

APPEALS FROM ADMINISTRATIVE ORDERS.

293-35-A.

APPELLANT—Carnival Art. Corp., lessee.

SUBJECT—Appeal from an order and a decision of the commissioner.

PREMISES AFFECTED—39 West 19th street (10th floor), (Block No. 821, Lot No. 14), Manhattan.

APPEARANCES—

For Applicant: None.

For Administration: Inspector Maher of Department of buildings.

ACTION OF BOARD—Laid over to December 10, 1935, at 2 p. m. No appearance for appellant.

305-35-A.

APPELLANT—Empire Petroleum & Transport Co., Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of fire department.

ACTION OF BOARD—Laid over to December 17, 1935, at 2 p. m., upon telephone request of appellant's representative.

325-35-A.

APPELLANT—Harvey O. Mercier, for National Biscuit Company, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—405-419 West 15th street, north side, 99 ft. west of 9th avenue (Block No. 713, Lot No. 1), Manhattan.

APPEARANCES—

For Appellant: Harvey O. Mercier.

For Administration: Inspector Maher of Department of buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(325-35-A)

WHEREAS, Harvey C. Mercier, for National Biscuit Company, owner, filed November 12, 1935, an appeal from a decision of the commissioner of buildings affecting premises 405-419 West 15th street, north side, 99 ft. west of 9th avenue (Block No. 713, Lot No. 1), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings rendered October 21, 1935, re App. No. 529-1935, reads:

"1. Oil Burner Rule 8 does not permit burners in any story the floor of which is more than 50 ft. above street level.

2. Rule 6 (Oil Burner Rules) permits auxiliary tanks in or on lowest story of a building only."

and

WHEREAS, the building is fireproof, 6 stories in height, 176 ft. by 83 ft. 2½ in. in area; OCCUPIED: Cellar—sugar grinding, 6 persons; 1st story—shipping, 3 persons; 2nd story—storage, 0 persons; 3rd story—mixing, 6 persons; 4th story—packing, 14 persons; 5th story—packing, 20 persons; and 6th story—baking, 30 persons; the building is one of a group of buildings occupied by the National Biscuit Company as a baking plant; and

WHEREAS, it is proposed to use oil burners for supplying heat to a traveling type baking oven located on the 6th floor of the building, which is 73 ft. above the street level; and

WHEREAS, appellant contends that the physical requirements of the manufacturing process make it impossible to locate the oven on a lower floor and that in their forty odd baking plants throughout the United States the ovens are generally located on the top or 6th floor of the buildings; that the crackers are fragile and require careful handling after being packed; that clere stories are provided on top floor which permit proper inspection of ovens, that no hazard will be set up by installing this oil burner equipment on the 6th story; that the oil supply valve to the burners close automatically in case of electric power failure; that a sail switch is installed on the discharge side of the blower circulating the heated air, which automatically shuts down the burner in case the blower stops for any reason; an automatic temperature limiting switch is provided to shut down the burners in case the furnace exit temperatures rise above a fixed maximum; that the burners are Ray Fuel Oil Burners, commercial type, approved by the board under Cal. No. 504-23-SA; that the plant desires to install a 60-gallon capacity auxiliary tank on the ceiling of the 6th story to provide a small quantity of oil, readily available, if for any reason the supply from the main storage tank is interrupted; this small quantity will be sufficient to keep the oven in operation for, approximately, two hours to process doughs, which would otherwise be damaged and involve serious loss.

MINUTES

Resolved, that the decision of the commissioner of buildings in connection with App. No. 529-1935, be and it hereby is *modified*, and the appeal be and it hereby is *granted*, waiving the provisions of Rule 8 sub-division C-2 of the Oil Burner Rules of the Board of Standards and Appeals, permitting these burners to be installed on the 6th story, as indicated on plans filed with this appeal, at a height of approximately 81 ft. above street level, and permitting the installation of a 60-gallon auxiliary tank as indicated for gravity feed to the Ray Oil Burners, *on condition* that this gravity tank shall be properly supported on a steel trestle; that the feed and overflow lines from the main supply tank through which the oil is pumped by means of a booster pump shall be at all points properly protected against damage to the satisfaction of the commissioner of buildings; that an automatic device shall be installed on these lines so that in the event of a break the booster pump will be automatically stopped; that these burners shall be installed in the section as shown and as known as the Nabisco building and shall be cut off from all other parts of building by fire walls, with all opening protected with approved fire doors and that any space between the ovens and the enclosing walls shall be blocked off with steel plates to the satisfaction of the commissioner; that sub-division C-4 of Rule 8 is hereby *waived* in view of the delivery of oil by gravity from the tank instead of directly to the burner, so as to permit the pressure at the auxiliary tank not to exceed 52 lbs.; that other than as modified herein the Oil Burner Rules of the Board of Standards and Appeals shall be complied with in all respects.

187-35-A

APPELLANT—New York Dock Company, owner.

SUBJECT—Application for reopening—reconsideration—re Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—Pier No. 38, Clinton Wharf, Atlantic Basin (Block No. 515, part of Lot No. 1), Brooklyn.

APPEARANCES—

For Appellant: L. E. Driver and C. E. Hicks.

For Administration: None.

ACTION OF BOARD—Appeal reopened and granted on condition.

THE VOTE TO REOPEN—

Affirmative Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO GRANT—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(187-35-A)

WHEREAS, L. E. Driver, for New York Dock Company, owner, filed, June 27, 1935, an appeal from a decision of the commissioner of buildings, affecting premises No. 38, Clinton Wharf, Atlantic Basin (Block No. 515, part of Lot No. 17), Borough of Brooklyn; and

WHEREAS, the decision of the commissioner of buildings, dated May 15, 1935 (Applic. No. 2413-1935), reads:

"4. Provide an adequate sprinkler system, installation to conform to rules of the Board of Standards and Appeals, as per objection No. 4 of March 27, 1935."; and

WHEREAS, the premises in question consist of a pier, located 1,000 ft. west of the corner formed by the intersection of Clinton Wharf and Conover Street and extending into the Atlantic Basin; the pier being 905 ft. 6 in.

by approximately 165 ft. in width; having a wood and also concrete decking and erected thereon is a shed having a wood roof and corrugated metal sides—carried on steel columns; the area of the shed is 140,400 sq. ft.; and

WHEREAS, this appeal was denied by the board at its meeting July 16, 1935; and

WHEREAS, appellant now proposes to install a sprinkler system and requests a modification of the rules of the board as to the sprinkler requirements; and

WHEREAS, this appeal was reopened by vote of the board.

Resolved, that the decision of the commissioner of buildings under App. No. 2413-1935, be and it hereby is *modified* and that the appeal be and it hereby is *granted on condition* that there shall be installed a dry-pipe sprinkler system, as indicated on plans marked "Received November 13, 1935," controlled by a 6-in. dry pipe valve at the shore end and fed from the existing 6-in. water line from King street and connected on the shore end side of the T connection to the standpipe system; that there shall be installed at each of the seven intersections of the main feed line and its branches a check valve to retain air in each individual section; that there shall be installed at both the in-shore and out-shore ends an automatic exhaustor of the type manufactured by Grinnell Company or the Star Sprinkler Corporation, which will also be arranged for manual control; that the piping arrangement as shown on plans marked "Received November 13, 1935, is hereby approved as to spacing and size in view of approval obtained and filed at this hearing, indicating that this layout has been approved by the New York Fire Insurance Exchange as to pipe sizes and spacing; and, *granted on the further condition* that within a period of two years there shall be installed an 8-inch main for water supply solely for the sprinkler system and that at that time the 6-in. dry pipe valve shall be removed and there shall be installed instead dry-pipe valves of the proper size at each of the seven (7) intersections of the main and branch lines and that a live steam main shall be carried for the full length of the pier alongside the main feed line and properly frost-proofed, so that there will be water at all times over the full length of the pier in the main feed line; that this system shall at all times be maintained as a wet system except during the freezing months; that nothing herein contained shall interfere with this system being arranged completely to comply in all respects with the requirements of the rules of the Board of Standards and Appeals; that the standpipe system shall be maintained and that the combined night watchman's control and fire alarm box with central office connections shall be maintained at all times; that all work shall be completed within three months from the date of this action.

62-28-A.

APPLICANT—William C. McTarnahan, for Petroleum Heat & Power Co., Inc., owner.

SUBJECT—Application for reopening—extension of time—re Appeal from a decision of the fire commissioner.

PREMISES AFFECTED—East side of Eastchester Creek and Northern Boundary Line (Block No. 5655, Lot Nos. 375, 382 and 400), The Bronx.

APPEARANCES—

For Appellant: H. M. Ficken and Wm. Halewood.

ACTION OF BOARD—Appeal reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME:

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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MINUTES

Negative 0
Absent 0

THE RESOLUTION—

(62-28-A)

WHEREAS, the appeal affecting premises east side of Eastchester Creek and Northern Boundary Line (Block No. 5655, Lot Nos. 375, 382 and 400), Borough of The Bronx, was granted by the board at its meeting, June 12, 1928, on certain conditions, time extended from time to time, and appellant now requests a further extension of the time limit imposed.

Resolved, that the Board of Standards and Appeals does hereby *amend* its resolution of June 12, 1928, extending the time within which to obtain permits, six months and the time within which to complete the work, eighteen months from the date of this amended resolution and that other than as herein amended, the resolution adopted by the board June 12, 1928, shall be complied with in all respects.

VARIATION OF LABOR LAW.

318-35-S.

APPLICANT—Ansonia Fire Prev. Eng. Co., Inc., for Fisher Realty Co., owner.

SUBJECT—Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—190-194 Franklin street and 371-375 Greenwich street, northeast corner (Block No. 187, Lot No. 10), Manhattan.

APPEARANCES—

For Applicant: Herman E. Horwood.

For Administration: Inspector Maher, of department of buildings.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(318-35-S)

WHEREAS, Ansonia Fire Prev. Eng. Co., Inc., for Fisher Realty Co., owner, filed, November 1, 1935, an appeal from an order and a decision of the commissioner of buildings affecting premises 190-194 Franklin street and 371-375 Greenwich street, northeast corner (Block No. 187, Lot No. 10), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated August 9, 1935 (Order No. 23675-LD), reads:

"1. Provide safe egress from termination on 1st floor to street exterior stairway.";

and

WHEREAS, the decision of the commissioner of buildings, dated October 29, 1935, reads:

"In reply to your request to rescind Order 23675-LD, pending against the above premises and requiring a safe means of egress from the rear exterior stairway and a

second means of exit from the cellar under section 271 of the Labor Law, you are advised that as this is a factory building with more than 5 persons employed therein, your request must be denied.";

and

WHEREAS, the building is fireproof, 8 stories in height, 100 ft. by 75 ft. in area; OCCUPIED as a factory, grinding spices, packing and roasting coffee, total of 76 persons; located within an unrestricted district; EQUIPPED with a fire alarm signal system; EXITS: an interior steel and slate stairway, extending from the 1st story to roof, enclosed in brick wall with fireproof doors at openings; an outside (open) iron stairway on the rear of the building, having fireproof openings along the course thereof, extending from the roof of first story extension to the roof, with egress through the roof of the first story extension to rear of office on first story and through office to street; and

WHEREAS, the applicant claims the building was erected in 1905; the building is divided into two floor areas by a standard fire wall and underwriter's fireproof doors on each side of openings; the occupancy is very small, under the control of one tenant; equipped with a standpipe system, also central office fire alarm connection; furthermore, the building has been repeatedly inspected during the past 30 years by the departments having jurisdiction without any question as to egress from the exterior stairway in question; the exterior stairway terminates at the rear of first story which is used only for office purposes and open to the street, rendering unobstructed exit in case of necessity; the applicant contends that it would be very difficult and expensive to build a passageway from the termination of the outside stairway leading to the street; furthermore that it would serve no good purpose if built.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the requirements of the labor law as cited in order of the commissioner of buildings No. 23675-LD, and that the application be and it hereby is *granted*, waiving the requirements for fireproof enclosure as an egress from termination of exterior stairway through to the street, *on condition* that the easterly portion of the building on the 1st story shall be used solely for office purposes; that during working hours the main doors to Franklin street shall be kept unlocked; and *granted* only so long as this building is occupied as a whole by B. Fischer & Co., and also so long as occupancy of entire building does not exceed 100 persons above the first floor, with not more than 25 persons on any one floor; that other than as varied herein the requirements of the labor law and all other laws and regulations applying to this building shall be complied with and that the fire alarm and fire drills shall be maintained and that the fire doors at all openings in the fireproof partitions, as indicated, shall be maintained in approved working order.

Adjourned, 4:25 p. m.

EDWARD V. BARTON, *Chief Clerk*.

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy only of Form 7NO.

If they desire additional copies, for their own convenience

in notifying property owners, they may obtain such copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c.

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

PUBLIC HEARING

[262-35-SR]

NOTICE IS HEREBY GIVEN that a public hearing will be held by the Board of Standards and Appeals on Friday, December 6, 1935, at 10 A. M., Room 1013, Municipal Building, on Proposed Rules for Liquefiers used to convert solid carbon dioxide to a liquid and/or a gas.

RULES FOR LIQUEFIERS USED TO CONVERT SOLID CARBON DIOXIDE TO A LIQUID AND/OR A GAS, IN ACCORDANCE WITH THE PROVISIONS OF SECTION 214, ARTICLE 17 OF CHAPTER 10 OF THE CODE OF ORDINANCES

Rule 1. Certificate of Approval.

A Certificate of Approval shall be obtained by the manufacturer from the Fire Chief and Commissioner for each type of liquefier or converter to be used for the conversion of solid carbon dioxide to liquid carbon dioxide. A Certificate of Approval shall also be obtained from the Fire Chief and Commissioner for each system used to convert solid carbon dioxide to liquid carbon dioxide for filling portable cylinders or other containers.

Rule 2. Certificate of Fitness.

A Certificate of Fitness must be obtained for each operator of a liquefier system used to convert solid carbon dioxide to liquid carbon dioxide for filling portable cylinders or other containers.

Rule 3. Inspection Test Report.

A disinterested inspection service, approved by the Fire Chief and Commissioner, shall inspect all material and workmanship of all liquefiers at the place of manufacture and shall verify compliance with these Rules, witness all tests and shall furnish the Fire Chief and Commissioner with a test report as follows:

- A. Test reports for liquefiers, other than redesigned portable cylinders, shall show all information called for in paragraph 23, I. C. C. Specification 3A, except as follows:
 1. "Marks stamped into shoulder of cylinder." This shall be as per Rule "11 Marking" hereinafter specified. Actual markings shall be shown on test report
 2. "Record of hydrostatic tests." This shall be as per Rule "9 Testing" hereinafter specified.
 3. Statement shall be furnished that liquefier covered in said test report comply with these Rules, and Certificate of Approval Number for the type of liquefier covered in said test report.
- B. Test report for converted portable cylinders for liquefier use shall show for each converted cylinder the following:
 1. Liquefier Serial Number.
 2. Original number of cylinder used for conversion.
 3. Original ownership initials of cylinders used for conversion.
 4. Original I. C. C. marking of cylinder used for conversion.
 5. Original manufacturing test date of cylinder used for conversion, and name of original manufacturer.
 6. Test pressure applied to cylinder before conversion.
 7. Total expansion obtained on cylinder before conversion.
 8. Permanent expansion obtained on cylinder before conversion.
 9. Per cent expansion obtained on cylinder before conversion.
 10. Elastic expansion obtained on cylinder before conversion.
 11. Outside diameter and length of cylinder before conversion.
 12. A statement that the above cylinders before conversion into liquefiers were tested in a water jacket in accordance with these Rules and I. C. C. Regulations and the results appear above.

13. A statement that the bottom thickness, opening for cover plate and distance across the corner where the side wall meets the bottom and at 45° to the side wall, was measured and the dimensions were found to conform with Rule 6, F, G, H and I.
14. A statement that after assembly each liquefier was given an open hydrostatic test to 3,000 lbs. and this pressure was held for at least two minutes without showing a pressure recession of more than 75 lbs.
15. The liquefier was marked as follows: (See Rule "11 Marking" for requirements.)
16. A statement that these liquefiers conform to these Rules, and that the type of liquefier has been approved under New York City Fire Department Certificate of Approval Number

Rule 4. Construction Other Than Screw Thread Type.

New liquefiers designed for the purpose of converting solid CO² to liquid CO² must be constructed of seamless drawn steel in accordance with Specifications of I. C. C. governing cylinders for CO². Closure devices other than screw thread type shall conform with the following:

- A. The minimum wall thickness for a test pressure of 3,000 lbs. per sq. in. shall be in accordance with the following formula:

$$t = \frac{OD \times P \times .43}{S}$$

Where OD = Outside diameter of container.

t = Wall thickness.

P = 3,000 lbs. PSI.

S = Minimum yield point of steel (not to be figured in excess of 50,000 lbs.).

- B. The "Bottom" is defined as that portion of the liquefier in which the closure device is installed.
- C. The minimum thickness of the bottom before machining shall be at least 3½ times the wall thickness.
- D. The minimum thickness of the bottom after machining shall be at least 3 times the wall thickness.
- E. The minimum distance from edge of the hole cut or shaped for the closure device to the outside of wall shall be 4½ times the wall thickness.
- F. The maximum width of the machined seat shall not be more than 1½ times the wall thickness.
- G. The outside radius connecting the bottom of the liquefier to its side wall shall not be more than 1½ times the wall thickness.
- H. The inside radius connecting the side wall to the bottom before machining, shall not be less than 2½ times the wall thickness.
- I. A large fillet shall be provided in the corner of the machined seat where it meets the inside radius.

Rule 5. Construction Screw Thread Type.

New liquefiers designed for the purpose of converting solid CO² to liquid CO² must be constructed of seamless drawn steel in accordance with specifications of I. C. C. governing cylinders for CO². Closure device of the screw thread type shall conform with the following:

- A. The minimum wall thickness for a test pressure of 3,000 lbs. per sq. in. shall be in accordance with the following formula:

$$t = \frac{OD \times P \times .43}{S}$$

Where OD = Outside diameter of container.

t = Wall thickness.

P = 3,000 lbs. PSI.

S = Minimum yield point of steel (not to be figured in excess of 50,000 lbs.).

- B. The thread of the device shall be designed with a factor of safety of not less than 4 at a test pressure of 3,000

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lbs. per sq. in. and the wall thickness after cutting thread shall not be less than that specified in Rule 5-A above.

Rule 6. Conversion of Portable Cylinders for Liquefier Use.

- Seamless portable cylinders made to I. C. C. Specification 3 or 3A for oxygen or carbon dioxide and originally designed and used for the transportation of compressed or liquefied gases shall be acceptable for alteration or conversion into carbon dioxide liquefiers only under the following conditions.
- Cylinders which have been in a fire must not be used for conversion into liquefiers until they have been properly heat treated and retested as specified in paragraph 423, of the I. C. C. Regulations.
- Cylinders which show surface dents, or which fail to give a clear ring on being struck with a hammer, or cylinders of the quenched type shall not be used for conversion into liquefiers.
- Before conversion into liquefiers, each cylinder shall be submitted to a hydrostatic test of 3,000 lbs. pressure in a water jacket under the conditions specified in paragraph 424 of the I. C. C. Regulations and the total and permanent expansion shall be recorded. A cylinder must be condemned when it leaks or when the permanent expansion exceeds 10 per cent of the total expansion.
- If in the hydrostatic test in the water jacket the net elastic expansion (total expansion less permanent expansion) at 3,000 lbs. exceeds the allowable limit given in the following table for the type of cylinder involved, such cylinder shall not be used for conversion into a liquefier. If the cubic capacity of a cylinder to be tested varies from the standard capacity given in the table for that type, then the allowable limit of elastic expansion will be varied in the same proportion.

TABLE I.

Type	Cubic Capacity	Elastic Expansion Allowable Limit
220 ft. oxygen	2,660 cu. in.	170 c.c.
200 ft. oxygen	2,660 cu. in.	170 c.c.
50 lbs. CO ²	2,360 cu. in.	150 c.c.

- No cylinders designed and used for a portable container shall have the thickness of the side wall reduced by any cutting of threads in the process of conversion into a liquefier, except as specified in Rule "5-B Construction Screw Thread Type."
- If the closure is formed by using a portion of the former bottom as a seat, this shall only be permissible if the dimensions of the liquefier conform to those shown in the Tables II, III and IV.

TABLE II.

Type	Minimum Bottom Thickness
220 ft. oxygen	.66 in.
200 ft. oxygen	.66 in.
50 lbs. CO ²	.66 in.

TABLE III.

Type	Maximum Opening Permitted
220 ft. oxygen	6 1/8 in. x 7 1/8 in.
200 ft. oxygen	6 1/8 in. x 7 1/8 in.
50 lbs. CO ²	5 3/4 in. x 6 3/4 in.

TABLE IV.

Type	Minimum Thickness across corner at Point where the outside of the side wall meets the inside radius of bottom and at 45° to side wall.
220 ft. oxygen	5/8 in.
200 ft. oxygen	5/8 in.
50 lbs. CO ²	5/8 in.

H. The maximum width of the machined seat for the gasket of liquefier shall be 5/16 in., and the inside radius connecting this seat to the side wall of the cylinder shall not be less than 1/8 in.

I. The minimum thickness of closure plate shall be 5 times the wall thickness of the cylinder. The closure plate shall be of a good grade of billet steel. Castings not permitted.

Rule 7. Spuds.

Spuds for chain connections or for reinforcing valve or pipe connections of not over 3/4 in. pipe size shall be welded before heat treatment at place of manufacture of the liquefier.

Rule 8. Safety Devices.

Each liquefier shall be provided with two safety devices of frangible disc type attached to the liquefier at a point not lower than 6 inches from the top. The cross section area of the discharge channel, or channels (of the safety device, or devices) must be at least .006 sq. in. for each 25 lbs. of liquefier water capacity and .00024 sq. in. additional for each additional pound of water capacity. Safety devices having two or more outlets must be so constructed that these outlets will have a combined total area of not less than one and one-half times that prescribed for the safety discharge channel. The frangible disc of the safety devices shall be designed to release at a pressure of not more than 2,000 lbs per sq. in.

Rule 9. Testing.

Each liquefier after assembly shall be tested hydrostatically by an approved independent testing agency for not less than two minutes to a pressure of 3,000 lbs. per sq. in. without showing a pressure recession of more than 75 lbs. per sq. in. The inspection service shall file a satisfactory record on test report stating that the liquefier passed the above required test.

Rule 10. Quinquennial Test.

Liquefiers used for any purpose shall be retested at least every five years to a pressure of 3,000 lbs per sq. in. in the same manner and under the same requirements as at the time and place of manufacture and the date of retest shall be stamped thereon.

Rule 11. Marking.

Each liquefier shall bear marking as follows:

- Name of owner.
- Serial number.
- Name or trade mark of manufacturer.
- Date of manufacture.
- Test pressure.
- Inspection service mark.
- Maximum filling charge based on filling to not more than 68 per cent of the water content by weight.

Rule 12. Filling.

Each liquefier shall be placed and used in a vertical position with filling effected through top and properly secured.

Rule 13. Maximum Charge.

Liquefiers shall not be filled with solid carbon dioxide in excess of 150 lbs. nor in excess of 68 per cent by weight of the water capacity of the liquefier.

Rule 14. Use of CO² Systems and Liquefiers.

- Carbon dioxide liquefier converting systems for filling portable cylinders shall not be used in a dwelling and/or multiple dwelling, and/or place of public assembly, and/or any building not used exclusively for manufacturing purposes.
- Except in buildings used exclusively for the manufacture of carbon dioxide or other compressed gases, not more than 8 liquefiers of a maximum combined capacity of 1,200 lbs. of carbon dioxide shall be headed in a battery and not more than one such battery shall be permitted in a building.

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- C. Liquefiers may be manifolded only by the use of extra heavy steel or wrought iron pipe, or extra heavy seamless copper or brass tubing, of not larger than $\frac{3}{4}$ in. I. P. S. Fittings shall be high pressure forged steel or extra heavy bronze hydraulic type.
- D. Each manifold shall be protected by a frangible disc safety device of the same size and type as those prescribed for the liquefier, and designed to release at a pressure of not more than 2,000 lbs. per sq. in. In addition, the liquid manifold shall be protected by a spring safety valve so set as to relieve the pressure at not more than 1,600 lbs. per sq. in.

Rule 15. Test of Piping.

Each liquefier and/or battery of liquefiers to be used for the filling of portable cylinders or other containers with liquid carbon dioxide and all the piping connected thereto shall be hydrostatically tested in the presence of the representatives of the Fire Chief and Commissioner before the carbon dioxide is first put into the system. A hydrostatic pressure of 2400 lbs. per sq. in. shall be maintained for fifteen minutes, released for five minutes, and again applied for a period fifteen minutes without any visible leak or reduction of pressure. This test shall be repeated at least every five years.

Rule 16. Approval Systems for Filling Portable Cylinders.

Each liquefier and/or battery of liquefiers used for filling portable cylinders or other containers shall be permanently labeled or marked showing the Fire Department Certificate of Approval Number together with date of last test.

Rule 17. Acceleration.

Defrosting, or acceleration of liquefaction, shall be by use of water only, the water shall be of a temperature not above 85° Fahrenheit.

Rule 18. CO² Portable Cylinders.

- A. Portable cylinders or other containers to be filled with liquid carbon dioxide must be constructed and marked in accordance with the Specifications of the Interstate Commerce Commission for carbon dioxide cylinders and must have been tested within intervals of not more than five years as evidenced by official marking. Cylinders not so constructed and marked must not be filled with carbon dioxide.
- B. The maximum filling of liquid carbon dioxide, with one pound allowable variation in each cylinder, must not be over 20 lbs. for standard cylinders $5\frac{1}{2}$ in in diameter by 51 in. long, nor over 50 lbs. for standard cylinders $8\frac{1}{2}$ in. in diameter by 51 in. long and larger. No cylinder shall be filled with carbon dioxide to more than 68 per cent of the water capacity, by weight, of the cylinder.
- C. The amount of liquid carbon dioxide charged into portable cylinders or other containers must be determined by weight by use of a dial scale having a movable indicator, and this weight must also be checked after disconnecting from the charging line.
- D. Liquefiers or converters to which these rules and regulations cannot be applied, may be maintained and operated subject to such conditions as are deemed necessary by the Board of Standards and Appeals in the interest of public safety.

APPROVED APPLIANCES

FUEL OIL PUMPS

Approved by the Board of Standards and Appeals

Name of Pump	Calendar No.	Name of Pump	Calendar No.
American Marsh Duplex	638-25-SA	McGowan Horizontal Duplex Fuel Oil Pump	936-23-SA
American Marsh Simplex	639-25-SA	M. D. Rotary	52-27-SA
Autopulse Electric Fuel Oil Pump	215-31-SA	Milwaukee Piston Rotating Port Pump....	763-25-SA
Autopulse Electric Oil Pump Outfit, Model No. 1000	9-32-SA	Monroe Oil Pump	658-26-SA
Ballard Duplex Electric Driven Pump Set..	1413-22-SA	Northern Rotary	1396-24-SA
Beach Russ Co. Rotary	1134-22-SA	Pascoe Pump Set	1029-26-SA
Blackmer Rotary	935-24-SA	Petro-Nokol Industrial Oil Pump	570-32-SA
Blake & Knowles Horizontal Simplex Piston Pattern Pump	372-21-SA	Quiet May Gerotor Pump	267-32-SA
Centurv Rotary	908-21-SA	Quimby Screw Pump	1193-21-SA
Cook Electric Oil Pump	603-25-SA	Range-O-Matic Oil Pump, Model 50 and Suction Model	102-35-SA
Davidson	590-21-SA	Rav Rotary	588-25-SA
Dean Bros. Durable Duplex	840-22-SA	Rotary Pressure Pump	1060-25-SA
DeLaval IMO Oil Pump	628-32-SA	Rotary Vacuum Pump	513-25-SA
Deming Double Oscillating Force Pump..	458-27-SA	Samson Magnetic Fuel Oil Pump	163-34-SA
Deming Fuel Oil Pump	298-31-SA	S. B. U. Pumps, Models A, B, C and D....	410-32-SA
Enterprise Oil Pump	11-28-SA	Tate-Jones	492-21-SA
Exeter Rotary	507-22-SA	Teesdale Automatic Booster Fuel Oil Pump	1279-25-SA
General Electric Oil Pump	475-32-SA	Tuthill Model B Fuel Oil Pump	60-28-SA
Goulds Hand Rotary	1133-25-SA	Tuthill Fuel Oil Pump, Models L and LD	568-30-SA
Goulds Rotary Oil Pump.....	437-31-SA	Union Steam Pump for Fuel Oil	705-30-SA
Goulds Triplex Plunger	257-22-SA	Viking	438-21-SA
Hardinge Fuel Oil Pump	813-25-SA	Warren Oil Pump	1169-23-SA
Kinney Rotating Plunger Pump	503-24-SA	Wayne Oil Pump & Fan Set	1155-25-SA
Koerting Gear Pump	1264-25-SA	Webster Fuel Oil Pump, Type A	23-34-SA
Kraissl Fuel Oil Pump	60-28-SA	Worthington Duplex Double-Acting Steam Pump	184-22-SA
Leiman Rotary	95-24-SA	Worthington Show Model Duplex	194-22-SA
Marsh Fuel Oil Pump	1050-23-SA		

PUBLIC HEARING

RULES GOVERNING THE USE OF EQUIPMENT FOR SPRAYING OF PAINTS, VARNISHES, LACQUERS AND OTHER FLAMMABLE SURFACE COATINGS ADOPTED BY THE BOARD OF STANDARDS AND APPEALS JUNE 10, 1932.

[353-30-SR]

NOTICE IS HEREBY GIVEN that a public hearing will be held by the Board of Standards and Appeals on Friday, December 13, 1935, at 10 a. m., Room 1013, Municipal Building, on Proposed Revision of the Rules governing the use of equipment for spraying of paints, varnishes, lacquers and other flammable surface coatings.

Matter in *italics* is new; matter in brackets [] old matter to be omitted.

Authority:

Pursuant to the authority vested in the Board of Standards and Appeals by Section 718-A, sub-division 3 of Chapter XIV-A of the Charter of the City of New York for the carrying into effect the provisions of Chapter 10, Article XV of the Code of Ordinances.

Rule 1.

Application

[These rules shall apply to every establishment engaged in applying, by the spray method, paints, varnishes, enamels, lacquers, stains or similar flammable materials in excess of two quarts a day on manufactured or fabricated articles.]

1A. No person, firm or corporation shall SPRAY or DIP any article or thing within the City of New York with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes except in a spraying or dipping space equipped with mechanical means of ventilation conforming to these rules.

PERMIT. No person, firm or corporation shall store within the City of New York any paints, varnishes or lacquers or other substances, mixtures or compounds commonly used for painting, varnishing, staining or other similar purposes, in quantities greater than TWENTY (20) GALLONS without a permit (Sec. 200, Art. 15, Chap. 10, Code of Ordinances).

APPLICATIONS. Application for the required permit to store and use the above-mentioned articles shall be made to the fire chief and commissioner on forms prescribed by him and shall contain such information as he may require. When a spray, dipping, storage or mixing room is to be installed, plans shall be filed with the administrative official having jurisdiction for examination and approval.

1B. RESTRICTIONS. No spraying or dipping of any article or thing within the City of New York with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes shall be carried on/or in any premises or portion thereof.

A—Which is occupied as a Class A or B Multiple Dwelling or a dwelling for one or two families.

B—Which is artificially lighted by any means other than electricity.

C—Which, if heated, shall be limited to the use of steam or hot water circulating systems; heating units approved by administrative officials having jurisdiction for use in certain types of occupancies also hot air systems satisfactory to the administrative official having jurisdiction.

Rule 2.

Definitions

[1. The term "spray booth" shall include the following:

(a) "Cabinet booth" shall mean a compartment, provided with a back, top and two sides, equipped with air exhaust facilities, located within a room or section of an establishment, and in which spray coating is carried on.

(b) "Canopy booth" shall mean an installation consisting of an overhead exhaust system, of the canopy type, without side or end panels enclosing the object sprayed, and under which canopy spray coating operations are carried on.

(c) "Tunnel booth" shall mean a compartment consisting of two sides and top, equipped with air exhaust facilities and in which spray coating is carried on.

2. The term "spray room" shall mean a fully enclosed room within the exterior walls, or the area between fire walls. This definition shall not include a room equipped with spray booths wherein all the spray coating operations are carried on within the booths.

3. Fireproof or fire-resisting partitions shall be constructed as required by the Labor Law and the Rules of the Board of Standards and Appeals for factory buildings. All openings to be equipped with self-closing, fireproof doors.]

a. The term "SPRAY or SPRAYING SPACE" when used in these rules shall mean that portion of the premises used for the actual work of spraying any article or thing with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes in any booth or room approved by the administrative official having jurisdiction.

b. The term "DIPPING SPACE" when used in these rules shall mean that portion of any premises wherein any article or thing is either dipped or spread by any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes which has been approved by the administrative official having jurisdiction.

c. The term "CABINET BOOTH" when used in these rules shall mean a compartment with a back, top and two side equipped with air exhaust facilities, located within a room or any portion of any premises where spraying with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

d. The term "CANOPY BOOTH or HOOD" when used in these rules shall mean an installation consisting of a metal canopy or hood, without any side or end panels enclosing the object sprayed and an air exhaust system under which spraying with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

e. The term "TUNNEL BOOTH" when used in these rules shall mean a compartment consisting of two sides and top, equipped with an air exhaust system in which spraying with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

f. The term "SPRAY ROOM" when used in these rules shall mean a fully enclosed room as approved by the administrative official having jurisdiction in which any article or thing is sprayed by any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

g. The term "DIPPING ROOM" when used in these rules shall mean a fully-enclosed room as approved by the administrative official having jurisdiction in which any article or thing is dipped or spread by any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

h. The term "FIREPROOF or FIRE-RESISTING PARTITIONS" used in these rules shall mean the stand-

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ards set in the Labor Law and the Rules of the Board of Standards and Appeals for factory buildings. All openings in this type of partition shall only be equipped with self-closing, fireproof doors.

i. The term "STORAGE ROOM" when used in these rules shall mean a fully-enclosed room as approved by the administrative official having jurisdiction and used for the storage and mixing of any paints, varnishes, lacquers or any substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes.

j. The term "CERTIFICATE OF FITNESS" when used in these rules shall mean the written permission granted a particular person by the fire chief and commissioner to discharge certain duties in the supervision and handling of certain substances peculiar to his business under such conditions as he may prescribe.

k. The term "PERMIT" when used in these rules shall mean the written permission of the fire chief and commissioner issued to a certain person, firm or corporation to store and use certain combustible, inflammable or explosive articles incident to their business under conditions prescribed by him according to law.

Rule 3.

Ventilation

- [(a) No spray coating of manufactured or fabricated articles shall be carried on in any part of an establishment except in spray booths or in spray rooms, as defined above.
- (b) Cabinet booths shall be equipped with an air exhaust system which will provide an air velocity of not less than one hundred (100) lineal feet per minute averaged over the frontal area of the spray booth.
- (c) Spray rooms shall be equipped with an air exhaust which will provide not less than sixty (60) changes of air per hour in the spray room.
- (d) All types of spray rooms and booths shall be equipped with an air exhaust system of sufficient capacity to prevent the accumulation of mist or vapors within such enclosures.]
- (e) Air shall be admitted to the spray booth or spray room in an amount substantially equal to the capacity of the fan or fans used for exhausting air from said booth or room; windows or other openings not used for ventilation shall be kept closed during the process of spray coating. Exhaust fans shall be kept running constantly while spraying or mixing and for a sufficient length of time thereafter to exhaust all vapors, fumes or residues of spraying materials from the spray booth or spray room.]

Spraying or dipping spaces shall be ventilated when in operation so that the movement of air shall be at least one hundred (100') lineal feet per minute in the breathing zone of the operator and be of sufficient capacity to prevent the accumulation of mist or vapors.

Air shall be admitted to the spraying or dipping spaces in an amount equal to the capacity of the fan or fans and in such a manner as to avoid short-circuiting the path of air in the working zone of such spaces.

EQUIPMENT. Motors shall be located outside of spraying or dipping spaces so that no inflammable vapors can reach them.

Rule 4.

Specifications for Spray Booths [and] Spray Rooms and Dip Rooms.

- [(a) Spray booths shall be constructed of metal or other incombustible material satisfactory to the administrative official.

- (b) Air distributing or baffle plates, if used, shall be of incombustible material and removable for cleaning.
- (c) The inner side of walls, ceiling and floor shall be as smooth as practicable, in order to facilitate cleaning; when constructed of ferrous metal such surfaces, inside the booth or room, shall be thoroughly painted or galvanized.
- (d) Exhaust ducts for spray booths or spray rooms shall be constructed of material not less than the following U. S. Standard gauges, viz.:
When of diameter of 24 inches or less, 22 gauge.
When of diameter of over 24 inches and not over 36 inches, 20 gauge.
When of diameter of over 36 inches, 18 gauge.
- (e) Ducts shall be strongly erected and rigidly supported.
- (f) Motors shall be located outside of ducts, booths or spray rooms so that no inflammable vapors or residues can reach them.
- (g) If induced draft is used to create an air movement within cabinet or tunnel types of spray booths or spray rooms, the air shall be supplied from a point outside of the spray booth or spray room with fans and motors entirely outside of the spray booth or spray room.
- (h) The exhaust system for the removal of vapors or residues of spraying materials from the spraying equipment shall not be connected with any other ventilating system or discharged into a chimney or flue used for the purpose of conveying gases from heating elements.

Ventilating ducts shall run as directly as practical to the outer air and be protected with a hood. When not terminating above the roof the exhaust terminal in addition shall be protected with a fire screen of copper or bronze with a mesh not larger than $\frac{1}{2}$ inch. When passing through a non-fireproof roof the duct shall be constructed double with a 1-inch air space. The outer pipe shall be not less than 2 inches from any woodwork which shall be covered with metal. Ventilating ducts terminals shall be not less than 15 feet from any window opening, exterior exit, chimney termination or unprotected air intake, unless exhausting on the front of a building or where there are openings in a direct line less than 30 feet from any opening in any other building.

- (i) Exhaust fan blades shall be constructed of non-ferrous metal. All exhaust and ventilating fans to be permanently connected to their source of current supply, using metallic conduit. Rheostats in fan bases not permitted.
- (j) All electrical wiring shall be enclosed in metal conduits.
- (k) Artificial lighting shall be by electricity only. Fixtures to be of the rigid stem type, enclosing all wiring and equipped with vaporproof globes and keyless sockets.
- (l) No motors, switches, rheostats, lamps or other electrical equipment shall be located in spray rooms or within 10 feet from any spray compartment or spray booth unless such electrical equipment is of a type approved for use in explosive atmospheres. Motors located within 10 feet of a spray booth may be of the standard totally enclosed type, or of the open induction type, having no brushes, make and break contact, collectors or other arcing or sparking parts.

All flame or spark producing machinery within a floor area, wherein spray coating is carried on shall be discontinued or enclosed by partitions constructed fireproof or fire-resisting. This rule

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shall not exclude the use of the indirect type of bake ovens, provided the flame compartment is separately enclosed, taking air from outside of the room wherein spray coating is carried on and where adequate ventilation can be provided.

(m) All electrical equipment shall be installed and grounded as provided by the National Electrical Code (Art. 32) and permanently connected to their source of current supply, using metallic conduit. No receptacle pin plugs permitted.

(n) Artificial heating shall be limited to the use of steam or hot water circulating system or hot air systems satisfactory to the administrative official.]

A. Spray booths shall be constructed of metal or incombustible material satisfactory to the administrative official having jurisdiction, be adequately ventilated with mechanical ventilation and if lighted be in conformity with these rules. The necessary fire protection shall be maintained at all times.

Spray and dip rooms shall be constructed of fireproof or fire-resisting partitions with waterproof floors, adequately ventilated by mechanical means, equipped with the necessary fire protection and if lighted and heated in conformity with these rules.

Panels of polished wired glass or plate glass at least one-quarter of an inch ($\frac{1}{4}$) thick, not exceeding seven hundred and twenty (720) square inches in area and not more than forty-eight inches (48") in any linear dimension may be used in the sides of a spray booth or room.

The inner sides of walls, ceilings and the floors of all spraying or dipping spaces shall have a smooth surface.

All openings in spray or dip rooms shall be protected by fireproof doors and windows.

Ferrous metal used in the construction of spraying or dipping spaces shall be thoroughly painted on the inside or be galvanized.

All spraying or dipping spaces shall be so constructed that a reasonable length longer is maintained than required for the article or thing to be sprayed or dipped. Ferrous metal shall not be used for such floor surface.

At least three (3) feet of clear working space shall always be maintained for each operator spraying or dipping any article or thing.

B. SPECIFICATIONS FOR DUCTS, PIPES AND FANS.

All ducts used for ventilating spray or dip spaces shall be constructed of metal of not less than the following gauges of metal.

Ducts twenty-four (24") inches or less in diameter No. 22 gauge.

Ducts over twenty-four (24") and not over thirty-six (36") inches in diameter No. 20 gauge.

Ducts exceeding thirty-six (36") inches in diameter No. 18 gauge.

Ducts shall be strongly constructed and be installed in a workmanlike manner. They shall be rigidly supported.

Ventilating ducts shall run as directly as practicable to the outer air and be protected with a hood against the weather. When not terminating above the roof the exhaust terminal or hood shall also be protected with a screen of copper or bronze with a mesh not larger than one-half ($\frac{1}{2}$ ") inch.

Where a duct passes through a non-fireproof roof, the duct shall be protected at such point by an outer pipe or sleeve with an air space of at least one inch (1") between the sleeve and duct. The outer pipe shall be not less than two (2") inches from any woodwork and such woodwork shall be covered with metal.

Ventilating ducts shall not terminate within fifteen (15) feet of any window opening, exterior exit, chimney termination or an unprotected air intake, unless exhausting on the front of a building or where there are openings in a direct line less than thirty feet from any opening in any other building.

If induced draft is used to create an air movement, the air shall be supplied from a point outside the spray or dip space. Fans and motor must be located outside the spray or dip space.

The exhaust system from any spray or dip space shall not be connected to any other ventilating system or be discharged into a chimney or flue used for the purpose of conveying gases of combustion.

Exhaust fan blades shall be constructed of non-ferrous metal. All exhaust and ventilating fans to be permanently connected to their source of power, using metallic conduit. Rheostats in fan bases not permitted.

C. SPECIFICATIONS FOR STORAGE ROOMS. Storage rooms shall be constructed of fireproof or fire-resisting partitions with waterproof floors and be adequately ventilated by either natural or mechanical means. The heating and lighting systems shall be in conformity with existing laws and ordinances.

SPECIFICATIONS FOR STORAGE CABINETS. Storage cabinets shall be constructed of either single wall metal cabinets or wooden cabinets covered with metal on both sides. Doors on all cabinets shall be of the hinged type and be self-closing.

D. No motors, switches, rheostats, lamps or other electrical equipment shall be located in or within ten (10) feet of any spraying or dipping space unless it be of a type approved for use in explosive atmospheres. Motors located within ten (10) feet of a spraying or dipping space may be of the standard totally enclosed type or of the open induction type, having no brushes, make and break contact, collectors or other arcing or sparking parts.

All flame or spark producing machinery on the same floor containing a spraying or dipping space must be enclosed in fireproof or fire-resisting partitions. This rule shall not exclude the use of the indirect type of bake ovens, provided the flame compartment is separately enclosed, taking air from outside of the room wherein the spray or dip space is located, and that adequate ventilation has been provided. Artificial lighting shall be only by means of electricity.

All electrical equipment shall be installed and grounded as provided by the National Electrical Code (ART 32) and permanently connected to their source of current supply, using metallic conduit. No receptacle pin plugs shall be used. All electrical wiring shall be enclosed in metal conduits.

Lighting fixtures located in a spray or dip space shall be of the rigid stem type, enclosing all wiring and be equipped with keyless sockets and vapor-proof globes with wire guards.

Any lighting sockets within ten (10) feet of any opening of a spray or dip space shall be of the keyless type.

Rule 5.

[Maintenance and Fire Protection.]

[(a) The plant superintendent, foreman or other person in charge of spray booth or booths, storage of spraying materials, exhaust system, etc., shall secure a certificate of fitness from the administrative official.

This person shall properly instruct all employees as to the hazards of their work and advise as to their responsibility for cooperation in complying with these rules. Every employee shall be responsible for all rules or parts of rules which immediately concern or affect his conduct or the safety of himself or others.

(b) No motor vehicles shall be taken in or out of a spray booth or spray room under its own power.

(c) All exhaust fans shall be inspected at least once each week; defects shall be repaired at once or operation of fan discontinued until properly repaired.

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- (d) Spray rooms, booths, fans, ducts and other equipment shall be cleaned frequently and maintained in clean and efficient working condition; lacquer spraying booths shall be wet down before cleaning.
- (e) Brooms, brushes or other cleaning implements made of ferrous metals shall not be used in order to avoid sparks.
- (f) Accumulation of waste, sweepings or deposits from cleaning spray rooms, booths, etc., waste paper, taping or other inflammable refuse is prohibited. All such refuse shall be placed in metal receptacles with proper self-closing covers. The contents of such cans shall be removed from the building at the close of work each day.
- (g) No person shall smoke or carry a lighted cigar, cigarette, pipe or match within any room, enclosed space, cellar, basement or any part of any premises in which highly combustible or inflammable material is maintained, stored or kept for use or sale (Extract from Section 27, Chapter 12 of the Code of Ordinances).
- (h) Every spray room or spray booth shall be equipped with approved fire extinguishing appliances suitable for paint and lacquer fires. At least one standard sand pail shall be provided for each 100 square feet of booth area or area of spray room or extinguishers of the soda-acid, foam, CO-2, or other approved type may be provided, one for each 300 square feet of booth or spray room area. Where the spraying hazard is extensive, mounted type of extinguishers shall be provided as may be required by the administrative official.
- (i) The interior of all booths installed in sprinklered buildings shall be provided with sprinkler heads supplied from an approved source of supply.]

MAINTENANCE AND OPERATION.

a. Every premises wherein a spraying or dipping space is maintained and operated shall be continuously under the charge and supervision of one or more persons holding a certificate of fitness, whose duty shall be to see that the spraying and dipping space rules and the terms of the permit are not violated. No other duties shall interfere with the enforcement of these rules.

b. Smoking and the carrying of matches, lighted cigars, cigarettes or pipes in or in the vicinity of spray or dip space is prohibited. (Sec. 8, Art. 1, Chap. 10, of the Code of Ordinances.)

c. No person, including operator, shall be permitted within a spray space between the spray gun and the exhaust outlet while the spray gun is in use.

d. Spraying and dipping spaces and its surroundings shall be kept clean at all times and shall be kept clear of all materials, equipment and utensils not required in the operation of the spray. Side walls, ceilings, baffle plates, etc., shall be sprayed with a soap and water solution, before cleaning, or cardboard or masking paper can be fastened before any operation and after said operation be removed from the premises in approved waste cans.

e. Floors within and surrounding spray and dip spaces shall be kept clean and free from waste material at all times.

f. Implements used for cleaning shall be made of non-ferrous material to avoid sparks.

g. Metal waste cans with self-closing covers shall be provided for all spraying and dipping spaces and storage rooms. The number to be installed shall be determined by the administrative official having jurisdiction.

h. Approved fire appliance shall be installed in all spraying and dipping spaces and in storage rooms as may be determined by the administrative official having jurisdiction.

i. Accumulation of inflammable waste, sweepings or deposits from spray and dip spaces is prohibited. All such

waste shall be placed in approved waste cans and be removed from the premises at the close of work each day.

j. All sand papering of lead painted surfaces shall be done with wet sand paper.

k. No motor vehicle shall be taken into or out of a spray space under its own power. Batteries shall be disconnected during the process of spraying.

Rule 6.

Storage and Mixing

- [(a) Main supplies of spray coating materials and thinners shall be kept in an outside storage building, storage rooms or in vented metal cabinets in accordance with the following amounts:
- (b) Spraying materials not in excess of 20 gallons shall be stored in metal cabinets or wood cabinets, metal covered on both sides including the door. All cabinets to be ventilated at top and bottom.
- (c) Spraying materials in excess of 20 gallons and not exceeding 40 gallons shall be stored in double-walled metal cabinets vented directly to the outer air.
- (d) Spraying materials in excess of 40 gallons shall be stored in a separate exterior storage building of fireproof or fire-resisting material with ventilated plain glass skylight or in a storage room constructed fireproof in a fireproof building or fire-resisting in a non-fireproof building. Storage rooms shall be located at exterior wall window opening, window openings to be fireproofed and lower half provided with open louvres or ventilated by metal duct or fan at least 8 inches in diameter. The floors of all storage rooms shall be waterproof up to a height of at least 6 inches from the floor and be properly pitched for drainage purposes to a low point within the enclosure. The sill of the door shall be at least 6 inches above the finished floor. All doors to be tin-clad, approved, fireproof and self-closing.
- (e) In sprinklered buildings all storage rooms shall be provided with an automatic sprinkler head for each 80 square feet of floor area.
- (f) Storage rooms shall be sprinklered in non-sprinklered buildings and supplied from house supply tanks or house lines, as described in Rule 53 of the Sprinkler Rules.
- (g) The maximum amount of spraying materials to be stored in a storage room of a non-fireproof building shall be determined by the administrative official.
- (h) Mixing or thinning of coating materials shall be conducted in a storage building or storage room, except that containers of total capacity not exceeding ten gallons may be opened and their contents mixed in the spray room or room in which booths are located while the air exhaust system is operating.
- (i) Supplies sufficient for not more than one day's work but not exceeding twenty gallons in total to each booth, may be kept in the spray room or room in which spray booths are located; covers of containers must be kept thereon when such containers are not actually in use. This amount is in addition to the amount allowed in Subdivision k of Rule 6.
- (j) Gravity feed material containers for supplying spray guns shall not exceed ten gallons in capacity and shall be supported by wire cables or metal brackets having a factor of safety of two when filled with the heaviest spraying materials used.
- (k) Pressure feed tanks and other equipment for use in connection with direct spraying under air pressure shall be restricted to tanks of not more

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than sixty gallons, individual capacity, designed, constructed and approved for this specific purpose by the Board of Standards and Appeals. Each tank shall be provided with a safety valve set at a pressure not exceeding eighty pounds. All gravity feed containers and other spraying equipment shall be approved as above.

- (1) The installation of all electrical wiring, switches, lighting and all other electrical equipment, and the provisions of these rules against carrying matches or smoking and prohibiting flame or spark-producing devices, shall also apply to storage or mixing rooms.]

a. **STORAGE.** *Spraying and dipping materials not in excess of one hundred (100) gallons shall be stored in cabinets ventilated at top and bottom. See Sect. 235, Subdiv. 8, Art. 19, Chap. 10, Code of Ordinances, limiting amount to 25 gallons in a building in which nitro cellulose is manufactured, stored or kept.*

b. *Spraying and dipping materials exceeding one hundred (100) gallons and not in excess of two hundred (200) gallons shall be stored in cabinets vented to the outer air.*

c. *Spraying and dipping material exceeding two hundred (200) gallons shall be stored in a storage room constructed and maintained as determined by the administrative official having jurisdiction. The maximum amount of spraying materials to be stored or used in any premises or portion thereof, regardless of the construction of building shall be specified in the permit.*

d. **MIXING.** *Mixing or thinning of spraying or dipping materials shall only be done in a storage room. Where no storage room has been provided all mixing or thinning shall be done within the spraying or dipping space or spaces and that containers of total capacity not exceeding ten (10) gallons shall only be opened at one time.*

e. *Gravity feed material containers for supplying spray shall not exceed ten (10) gallons in capacity and shall be supported by wire cables or metal brackets having a factor of safety of two when filled with the heaviest spraying materials used.*

f. *Pressure feed tanks and other equipment for use in connection with direct spraying under air pressure shall be restricted to tanks of not more than sixty (60) gallons, individual capacity, designed, constructed and approved for this specific purpose by the Board of Standards and Appeals. Each tank shall be provided with a safety valve set at a pressure not exceeding eighty (80) pounds. All gravity feed container and other spraying equipment shall be approved as above.*

g. *Sprinkler heads shall be provided in all spray and dip spaces and storage rooms if located in sprinklered buildings and be installed in accordance with the Sprinkler Rules of the Board of Standards and Appeals.*

h. *Sprinkler in spray and dip spaces shall be cleaned at least once a week under the supervision of the person holding the certificate of fitness and a coating of light grease or vaseline shall be applied after each cleaning to prevent the formation of a hard deposit and render the sprinkler useless in case of a fire. The use of paper bags or other materials about sprinkler heads is prohibited.*

Rule 7

General Requirements

Every person, firm or corporation operating a spray or dip space shall provide respirators for the use of their employees of a type recommended by the Industrial Board of the Department of Labor of the State of New York.

Notice—Attention is called to the provisions of the Code of Ordinances as to violations reading as follows:

Section 300, Article 26, of Chapter 10, of the Code of Ordinances, "Any person who shall wilfully violate or neglect

or refuse to comply with any of the provisions of this chapter, in addition to any other penalties prescribed by law or ordinance shall, upon conviction, be punished by a fine of not more than \$500 or by imprisonment not exceeding 6 months, or by both such fine and imprisonment."

[NOTE:—The principal cause of fires in spray-booth installations are: broken electric lamps and other electrical defects; cleaning the interior of booths, fans and motors with highly flammable solvents; accumulation of deposits in the tubes and vent pipes from neglect in cleaning them frequently; unnecessary accumulation of waste and refuse, smoking and a general lack of cleanliness.

- (a) "No Smoking" signs, with letters at least 2 inches in height, shall be posted in all spray rooms and paint storage rooms or building.
- (b) No combustible material shall be stored or maintained within 15 feet of any spray booth.
- (c) All stock shall be arranged so as not to interfere with the operation of automatic sprinkler heads.]

Rule 8.

Existing Spray Booths and Installations

These rules shall be retroactive in the following respects:

Rule 1B. Heating of Rooms

Rule 3.

[Subdivision D]—Air Exhaust System.

[" E]—Air Supply and Mixing.

Rule 4.

Subdivision A —Construction of Spray Booths.

[" B —Construction of Baffle Plates.]

[" C]—Cleaning of Booths.

[E] B—Maintenance of Duct Supports.

[F] D—Location of Motors.

[G] B—Method of Induced Draft.

[H] B—Termination of Ventilating System.

[K] D—Electric Lighting.

Subdivision [L] D—Separation of Booths, etc., from flame and sparks.

[" [M] D—Electrical Equipment.

[" N—Heating of Rooms.]

Rule 5.

Subdivision A—Certificate of Fitness.

[" [B] K—Motor vehicles, in booths or rooms.

[" C—Maintenance of Exhaust fans]

[" D—Maintenance of Equipment.

[" [E] F—Cleaning Implements.

[" [F] I—Accumulation and Disposal of Waste Materials.

[" [G] B—Smoking, Matches, etc.

[" H—Fire Appliances.

Rule 6.

Subdivision A—Storage of Spraying Materials.

[" B—Storage of Spraying Materials less than [20] gallons.

[" C—Storage of Spraying Materials not exceeding [40] gallons.

[" D—Storage of Spraying Materials exceeding [40] gallons.

[" G—Maximum Storage in non-fireproof buildings.]

[" [H] D—Spray room or booth mixing.

[" I—Supplies allowed in booth.]

[" [J] C—Gravity Feed containers.

[" L—Smoking, matches, in mixing room.

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NOTE:—Subdivisions A, B, C and D may not be applied in fireproof buildings equipped with an approved existing automatic sprinkler system where the general conditions of cleanliness are properly maintained at all times.

Rule 7.

[Subdivision A—Posting “No Smoking” signs.
“ B—Clearance of combustible materials.
“ C—Clearance of Automatic Sprinkler heads.]

[Rule 9.

Approval Forms and Plans

There shall be filed before installation with the adminis-

trative official by the purchaser (or by the seller thereof) an application form on sheet 8 inches by 10 inches, which form shall give the proper name and address of booth user and also the floor on which the booth or booths are to be installed. An ink drawing of the floor upon which the booth will be located shall be submitted on the form sheet; such drawing shall show by feet and inches the location of exits, chimneys and booths.

When a storage and mixing room is to be installed, plans drawn to a scale of at least 1/16 of an inch to a foot shall be filed with the administrative official for examination and approval. Such plan shall show on the floor plan the location of all booths, storage and mixing rooms, exits and all chimneys and exterior openings within 15 feet of the storage rooms and vent ducts.]

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798		Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Water Heater Assembly.....	250-34-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Aetna Range Oil Burner	29-35-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Air-O-Flame Space Heater, Models 108 and 810 (pot type).....	190-35-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Air-O-Flame Space Heater, Models 71, 91, 1572 and 1582 (sleeve type).....	206-35-SA	Majestic Range Oil Burner, Models 27B and 27T	180-35-SA
Air-O-Flame Range Burner.....	236-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	National Range Oil Burner.....	361-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Bland Range Oil Burner	234-34-SA	Odin Beauty (Space Heater), Models 61, 62, 91 and 92.....	233-35-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	Putnam Range Oil Burner	54-35-SA
Champion Range Oil Burner, Models A and B	291-34-SA	Quaker Burnoil Stove	11-31-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Quick Meal Range Burner.....	304-34-SA
Ellington Range Oil Water Heater, Models M and J	40-35--SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe	311-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Fairfax Range Burner	302-34-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Serv-Well Range Oil Burner, Models 27B and 27T	165-35-SA
Florence Oil Space Heater, Models PH-28 and PH-8	172-35-SA	Silent Glow Range Oil Burner.....	172-34-SA
Florence Range Burners.....	219-34-SA	Silent Heat Oil Burner for Ranges and Stoves	592-32-SA
Fox Range Oil Burner.....	200-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Superfex Oil Burning Heater and Heat Projector, Model No. 1051	491-31-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Tower Range Oil Burner	126-33-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Vap-R-Oil Oil Burner for Ranges and Stoves	592-32-SA
Kolrid Range Burner.....	48-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275.....	329-34-SA
Kres-Kno Range Oil Burner, Model MD, Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA
Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA	Viking Range Water Heater, Models 222, 232 and 242	65-35-SA
Loyalty Range Burner	302-34-SA		

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic Avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
- 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
- 1279-25-SA—Teesdale Automatic Booster Pumps, Models TUX, TUS, KP and R.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A"
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 164-33-SA—Firemaster Fire Extinguisher.
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 205-34-SA—Automatic Firetox Extinguisher.
- 224-34-SA—Progressive Press Machine Oil Burner.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 325-34-SA—Diamond Range Oil Burner.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Caste No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.
- 123-35-SA—National Airol Safety Tank Filling Valve.
- 133-35-SA—Monarch Industrial Oil Burner.
- 135-35-SA—Loyalty Conversion Hot Water Heater.

- 156-35-SA—Gillespie Elevator Shaft Door Switch.
- 157-35-SA—Easyway Range Oil Burner, Models D27, D.C.27, G27, and NG27.
- 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
- 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 166-35-SA—ServWell Space Heater, Models 247T and 248.
- 167-35-SA—Serv-Well Water Heater, Models 255A and 255B.
- 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
- 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.
- 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
- 207-35-SA—Cole's Blast Oil Burning Heating Stove.
- 208-35-SA—Oceco Rotary Pump for Petroleum Products.
- 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
- 217-35-SA—Brigham Oil Burner.
- 219-35-SA—United Copper Service Pipe.
- 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
- 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
- 238-35-SA—Garfire Gun (Fire Extinguisher).
- 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
- 244-35-SA—Woolley Patent Mechanical Oil Burner.
- 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
- 249-35-SA—Acme High and Low Water Alarm Tank Switch.
- 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
- 263-35-SA—Ker-Oil Automatic Water Heater.
- 265-35-SA—French Automatic Oil Burner, Model 5 De Luxe.
- 266-35-SA—Kerogas Bowl Type Oil Space Heater, Models 300, 305, 310, 315 and 320.
- 269-35-SA—Kamy Oil Burner.
- 274-35-SA—Econ-O-Matic Fuel Oil Burner, Model 41.
- 310-35-SA—Viking Pot Type Space Heater, Models, 165 and 170.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

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Requests to rescind	6
Requests for extension of time	59
Requests for extension of permit	9
Requests for mechanical installations	0
Requests for approval of plans	9
Administrative requests	0
Requests for interpretation	0
Total	1178
Disposed of	1000
Cases pending November 27, 1935	178

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Granted	5
Granted on condition	196
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Requests to amend granted	125
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	6
Requests to rescind denied	0
Requests for extension of time granted	59
Requests for extension of time denied	0
Requests for extension of permit granted	9
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	9
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed	23
Total	1000

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX

Subscription
\$2.50 a year

DECEMBER 10, 1935

Single Copies, 5 cents
By mail, 8 cents

No. 50

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELIGOTT

EDWARD V. BARTON, Chief Clerk

OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a.m. to 5 p.m. Saturdays 9 a.m. to 12 noon.

All communications should be addressed to the chairman of the board

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THE LIBRARY OF THE

DEC 16 1935

UNIVERSITY OF ILLINOIS

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The Clerk's Calendar consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, December 9, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, December 16, 1935, at 2 o'clock.

The Clerk's Calendar is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed up to December 4, 1935.

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346-35-A.....	T.H.D.....	1 Lexington avenue, 123-125 East 21st street and 49-50 Gramercy Park (Block 877, Lot 22), Borough of Manhattan. T.H.D. Order.
345-35-SA.....	F.D.....	Flagg Fill Pipe Terminal, Appliance.
344-35-SA.....	F.D.....	Bryan Motor Thawing Unit with Fuel Oil. Appliance.
343-35-SA.....	F.D.....	Pacific Oil Burner, Appliance.
342-35-A.....	D.B.M.....	2314-2316 12th avenue, southwest corner of West 132nd street (Block 2004, Lot 74), Borough of Manhattan. Roof Sign Applic. 24-35.
341-35-BZ.....	D.B.Q.....	Northwest corner of Cornish avenue and Poyer street (Block 1538, Lot 78), Elmhurst, Borough of Queens. Applic. 3714-35.
340-35-A.....	F.D.....	623-629 West 23rd street and 140-154 13th avenue, northeast corner (Block 669, Lot 1), Borough of Manhattan. 8076-L.C.
339-35-BZ.....	D.B.B.....	777-787 Metropolitan avenue and 377 Humboldt street, northwest corner (Block 2760, Lots 28 & 29), Borough of Brooklyn. Applic. 13127-35.
<i>Restored to Calendar.</i>		
390-19-BZ.....	D.B.B.....	6902-6912 Fourth avenue, southwest corner of Bay Ridge avenue (Block 5872, Lot 42), Borough of Brooklyn. Applic. 14054-34.
853-25-BZ.....	D.B.B.....	8501-8511 Fourth avenue, southeast corner of 85th street (Block 6035, Lot 6), Borough of Brooklyn. Applic. 12885-25 and Viol. 5346-35.
440-22-BZ.....	D.B.M.....	571-573 West 182nd street, north side, 60 ft. east of St. Nicholas avenue (Block 2154, Lot 65), Borough of Manhattan. Alt. 3040-35.
280-31-BZ.....	D.B.Q.....	162-02 to 162-06 Cross Bay boulevard, southwest corner of 162nd street (Block 4046, Lot 5), Howard Beach, Borough of Queens. N.B. 2817-31.
221-34-SA.....	F.D.....	Metropolitan Curb Fill Box, No. 138 for gasoline. Appliance.

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H.D.....	Health Department
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D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

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CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 9, 1935, AT 2 P. M.

Building Zone Case

235-35-BZ.

APPLICANT—Leon J. Levine, for Victoria B. Cohen, owner.

PREMISES—158-07 Rockaway boulevard, southeast corner of Conover street (Block No. 4481, Lot No. 69), Jamaica, Borough of Queens.

APPLICATION, under sections 7a and 21 of the building zone resolution.

TO PERMIT in a business district the change of occupancy of part of an existing gasoline service station to a motor vehicle repair shop.

CALENDAR

DECEMBER 10, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 10, 1935*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 145-35-BZ—Application, June 4, 1935, under section 21 of the building zone resolution, of Lama and Proskauer, applicants, on behalf of Charles Ginsberg and Max Chesnoff, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

CAL. NO. 112-35-BZ—Application, April 30, 1935, under section 21 of the building zone resolution, of Philip Wolfson, applicant, on behalf of Giuseppa Genco, owner, to permit in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop; premises 115-61 Merrick road and 172-01 116th avenue, northeast corner and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Borough of Queens.

CAL. NO. 271-35-BZ—Application, October 4, 1935, under section 21 of the building zone resolution, of Christopher C. McGrath, applicant, on behalf of Treiport Realty Company, owner, to permit in a residence district the erection and maintenance of a business building (store); premises 1166 Ward avenue, east side, 100 ft. south of Westchester avenue (Block No. 3742, Lot No. 38), Borough of The Bronx.

CAL. NO. 277-35-BZ—Application, October 19, 1935, under section 21 of the building zone resolution, of Gerard M. Bloomfield, applicant, on behalf of Fordof Realty Co., Inc., owner, to permit in a residence district the change of occupancy of an existing residence building to business use; premises 2171 Grand Concourse, west side, 182.75 ft. north of East 181st street (Block No. 3162, Lot No. 43), Borough of The Bronx.

CAL. NO. 172-21-BZ—Application of John J. Dunnigan, applicant, on behalf of Riverside-St. Clair Corp., owner, reopened October 29, 1935, under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of electric roof signs; premises 564 Riverside drive, east side, 293.10 ft. south of St. Clair place (Block No. 1995, Lot No. 70), Borough of Manhattan.

CAL. NO. 577-19-BZ—Application of Joseph B. Lynch, applicant, on behalf of Emil Navone, owner, reopened September 17, 1935, under section 21 of the building zone resolution to permit in a business dis-

trict the inclusion of a gasoline service station in a garage for more than five (5) motor vehicles (garage previously granted by the board); premises 179-183 West Houston street and 231-235 Sixth avenue, southwest corner (Block No. 520, Lot No. 33), Borough of Manhattan.

CAL. NO. 278-35-BZ—Application, October 10, 1935, under sections 7a, 7b and 21 of the building zone resolution, of C. A. Sandblom, applicant, on behalf of Moe Weinberger, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre; premises 333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 10, 1935, 2 P. M.

Appeals from Administrative Orders

293-35-A—39 West 19th street (10th floor); (Block No. 821, Lot No. 14), Borough of Manhattan.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), Borough of The Bronx.

321-35-A—100-104 Morningside avenue and 403-407 West 123rd street, northwest corner (Block No. 1964, Lot Nos. 29 and 33), Borough of Manhattan.

322-35-A—418 West 124th street, south side, 352 ft. west of Morningside avenue (Block No. 1964, Lot No. 46), Borough of Manhattan.

323 35 A—126 West 124th street, south side, 425 ft. west of Morningside avenue (Block No. 1964, Lot No. 50), Borough of Manhattan.

Variation of Labor Law

268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Borough of Manhattan.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, December 10, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

CALENDAR

CAL. NO. 117-35-BZ—Application, May 8, 1935, under section 21 of the building zone resolution, of William J. Wilson, applicant, on behalf of Rose Bozzi, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

CAL. NO. 212-35-BZ—Application, August 5, 1935, under section 21 of the building zone resolution, of Thomas W. Lamb, Inc., applicant, on behalf of Edwin J. Long, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Borough of Brooklyn.

CAL. NO. 233-32-BZ—Application of Richard Vom Lehn Sons, applicants, on behalf of Treselmina Co., owner, reopened November 19, 1935, for consideration as to extension of time re Application granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 267-271 Eastern Parkway Extension, northeast corner of Rockaway avenue (Block No. 1455, Lot No. 1), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 13, 1935, 10 A. M.

SPECIAL MEETING.

Rules

353-30-SR—Paint, Varnish and Lacquer Spraying Rules, Proposed Revision of.

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

252-35-BZ.

APPLICANT—Edward Flander, for Carmelo Bernardo and Carmela Bernardo, owners.

PREMISES—104-06 Astoria boulevard, southwest corner of 104th street (Block No. 1691, Lot No. 1), Corona, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

301-35-BZ.

APPLICANT—Elias K. Herzog, for Frances Foster, owner.

PREMISES—932 Simpson street, east side, 83.80 ft. south of East 163rd street (Block No. 2723, Lot No. 37), Borough of The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution,

TO PERMIT, partly in a business district and partly in a residence district the erection and maintenance of a business building (stores).

309-35-BZ.

APPLICANT—Hillside Parking Corp., for Nathan Straus, owner.

PREMISES—Northwest corner of Wilson avenue and East 214th street (Block No. 4709, Lot No. 1), Borough of The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the use of a plot of ground as a parking space for the storage of more than five (5) motor vehicles.

324-35-BZ.

APPLICANT—James F. Hunter, for Standard Gas Light Co., owner.

PREMISES—35-39 West 124th street, north side, 390 ft. west of Fifth avenue and 32-42 West 125th street (Block No. 1722, Lot Nos. 20, 20½, 21, 51, 53 and 54), Borough of Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT the extension, from a business district into a residence district, of an existing business building.

311-33-BZ.

APPLICANT—Lama and Proskauer, for Churchway Holding Corp., owner.

PREMISES—5709-5717 Church avenue, northwest corner of Kings Highway (Block No. 4683, Lot Nos. 36½ and 42), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened June 4, 1935),

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

DECEMBER 17, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 17, 1935, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 272-30-BZ—Application of Jacob A. Freedman, applicant, on behalf of Rubel Corporation, owner, reopened October 1, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (remitted by order of the Court for hearing); premises 440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Borough of Brooklyn.

CAL. NO. 130-35-BZ—Application, May 23, 1935, under sections 7a and 21 of the building zone resolution, of Edwin H. Snackenberg, applicant, on behalf of New York Rapid Transit Corporation, owner, to permit in a business district the extension of an existing gasoline service station and also the erection and maintenance of a motor vehicle repair shop; premises 402-10 64th street and 64-01 to 64-19 Fourth avenue, southeast corner (Block No. 5818, part of Lot No. 1), Borough of Brooklyn.

CALENDAR

CAL. NO. 282-35-BZ—Application, October 15, 1935, under section 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Violet Kramer, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1159-1167 Utica avenue and 5002-5010 Clarendon road, southeast corner (Block No. 4771, Lot Nos. 1 and 78), Borough of Brooklyn.

CAL. NO. 287-35-BZ—Application, October 18, 1935, under section 21 of the building zone resolution, of William E. Kennedy, applicant, on behalf of Abraham A. Goldstein, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Parsons boulevard and 84th road (Block No. 864, Lot No. 261), Jamaica, Borough of Queens.

CAL. NO. 1109-27-BZ—Application of Michael Levine, applicant, on behalf of Ft. Greene Associates, Inc., owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 106-21 Woodhaven boulevard (Cross Bay boulevard), east side, 365.61 ft. north of 108th avenue (Block No. 430, part of Lot No. 45), Woodhaven, Borough of Queens.

CAL. NO. 26-32-BZ—Application of Louis Schlefer, applicant, on behalf of Minnie Streit, owner, reopened September 10, 1935, under section 21 of the building zone resolution, for rehearing by Order of the Court, to permit in a business district the erection and maintenance of a gasoline service station; premises 1551-1555 Coney Island avenue, east side, 100 ft. south of Avenue L (Block No. 6731, Lot No. 90), Borough of Brooklyn.

CAL. NO. 654-27-BZ—Application of Wagner, Quillinan & Rifkind, applicants, on behalf of Henry Pape, owner, reopened July 16, 1935, under sections 7e and 21 of the building zone resolution, to permit the amendment of a resolution granting in a business district the change of occupancy of an existing building to a garage for the storage of more than five (5) motor vehicles of the pleasure-car type, so as to include motor vehicles of the commercial-car type; premises 622-632 Foster avenue, southwest corner of East 7th street (Block No. 6494, Lot No. 8), Borough of Brooklyn.

CAL. NO. 240-35-BZ—Application, September 11, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Bawnfawn Holding Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 88-15 Queens boulevard

and 89-05 56th avenue, northwest corner (Block No. 1844, Lot No. 3), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 17, 1935, 2 P. M.

Appeals from Administrative Orders.

283-35-A—Transportation of Fuel Oil in Trucks in New York City.

305-35-A—Transportation of Fuel Oil in Trucks in New York City.

317-35-A—Transportation of Fuel Oil in Trucks in New York City.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, December 17, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 626-32-BZ—Application of Philip Bardes, applicant, on behalf of United States Trucking Corporation, owner, reopened November 26, 1935, under section 21 of the building zone resolution, to permit the extension from an unrestricted district into a business district of a proposed motor vehicle repair shop; premises 368-380 Front street, north side, 114 ft. west of Jackson street (Block No. 243, Lot Nos. 70 to 76), Borough of Manhattan.

CAL. NO. 246-35-BZ—Application, September 17, 1935, under section 21 of the building zone resolution of Lama and Proskauer, applicants, on behalf of Elinor D. Manson and Nora M. Reich, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

CAL. NO. 273-35-BZ—Application October 7, 1935, under sections 7a, 7c and 21 of the building zone resolution, of Walter B. Woodruff, applicant, on behalf of John T. Woodruff & Son, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 23, 1935, AT 2 P. M.

Building Zone Cases

22-29-BZ.

APPLICANT—Samuels & Samuels, for Adeline Zagardino, owner.

CALENDAR

PREMISES—97-28 Van Wyck boulevard, northwest corner of 101st avenue (Block No. 520, Lot No. 30), Dunton, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to Calendar October 22, 1935).

307-35-BZ.

APPLICANT—Benjamin Schlanger, for Crenshaw Holding Corp., owner.

PREMISES—1955 University avenue, west side, 233.44 ft. south of West 179th street (Block No. 3216, Lot No. 70), Borough of The Bronx.

APPLICATION, under section 7c of the building zone resolution.

TO PERMIT partly in a business district and partly in a residence district the alteration, extension and change of occupancy of a building now occupied for stores, so as to include a motion picture theatre.

306-35-BZ.

APPLICANT—Irving M. Fenichel, for Bonomo Realty Corp., owner.

PREMISES—2847-2863 West 8th street, east side, 125 ft. 8 $\frac{3}{8}$ in. south of Sheepshead Bay road (Block No. 7279, Lot Nos. 163 to 169), Borough of Brooklyn.

APPLICATION, under sections 7e and 21 of the building zone resolution.

TO PERMIT in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

294-35-BZ.

APPLICANT—Burke & Olsen, for Mary A. Kenney, owner.

PREMISES—349-351 Columbia street, east side, 100 ft. north of Coles street (Block No. 510, part of Lot No. 5), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the alteration, extension and conversion of occupancy of an existing building to a garage for more than five (5) motor vehicles.

314-35-BZ.

APPLICANT—Harry Yahr, for Shelton Holding Corp., owner.

PREMISES—15-23 West 43rd street, north side, 225 ft. west of Fifth avenue (Block No. 1259, Lot Nos. 25, 28 and 28 $\frac{1}{2}$), Borough of Manhattan.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a retail district the use of a plot of ground as a parking space for the storage of more than five (5) motor vehicles.

JANUARY 7, 1936, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 7, 1936*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 251-35-BZ—Application, September 20, 1935, under sections 7c and 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Margaroff

Realty Corp., lessee (long term lease), to permit partly in a residence district and partly in a business district the erection and maintenance of a business building (stores), premises 2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Borough of Brooklyn.

CAL. NO. 280-31-BZ—Application of Edward L. Kelly, applicant, on behalf of Jasper Mülle, owner, reopened December 3, 1935, for consideration of an amendment to the resolution of November 12, 1931, as to the conditions imposed therein—re Application, granted under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 162-02 to 162-06 Cross Bay boulevard, southwest corner of 162nd street (Block No. 4046, Lot No. 5), Howard Beach, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

JANUARY 7, 1936, 2 P. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 7, 1936*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 390-19-BZ—Application of Frank Zyderveld, applicant, on behalf of Madeline T. Flannery, owner, reopened December 3, 1935, for consideration of an amendment to the resolution of October 30, 1934, as to the conditions imposed therein—re Application, granted on certain conditions permitting the extension of the store use now in existence in a garage building previously granted by the Board; premises 6902-6912 Fourth avenue, southwest corner of Bay Ridge avenue (Block No. 5872, Lot No. 42), Borough of Brooklyn.

CAL. NO. 853-25-BZ—Application of Boochever, McManus and Ostrow, applicants, on behalf of Esbrook Realty Co., Inc., owner, reopened December 3, 1935, for consideration of an amendment to the resolution of December 1, 1925, as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a building to be used as stores on the first story of the Fourth avenue front and as dwellings above; premises 8501-8511 Fourth avenue, southwest corner of 85th street (Block No. 6035, Lot No. 6), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

JANUARY 14, 1936, 2 P. M.

Appeal from Administrative Order

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), Borough of The Bronx.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, DECEMBER 3, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board, held on Tuesday morning, November 26, 1935, and the minutes of the regular meeting of the board, held on Tuesday afternoon, November 26, 1935, were approved as printed in Bulletin No. 49, Vol. XX.

BUILDING ZONE CASES

246-35-BZ.

APPLICANT—Lama and Proskauer, for Elinor D. Manson and Nora M. Reich, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

APPEARANCES—

For Applicant: Alfred A. Lama, Harry Berger and Nora M. Reich.

For Opposition: Samuel Gelliman, John A. Simken, Jacob H. Epstein, Ella K. Shugrue, James J. Rago, Helen C. Quinn and others.

ACTION OF BOARD—Laid over to December 17, 1935, at 2 p. m., for report of committee on inspection. No further argument.

273-35-BZ.

APPLICANT—Walter B. Woodruff, for John T. Woodruff & Son, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a, 7c and 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

APPEARANCES—

For Applicant: Walter B. Woodruff and Charles Bowler.

For Opposition: R. Leslie Smith, John O'Reilly, August F. Willer and Emma M. Eggers.

ACTION OF BOARD—Laid over to December 17, 1935, at 2 p. m., for report of committee on inspection. No further argument.

278-35-BZ.

APPLICANT—C. A. Sandblom, for Moe Weinberger, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a, 7b and 21 of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre.

PREMISES AFFECTED—333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Borough of Brooklyn.

APPEARANCES—

For Applicant: C. A. Sandblom.

For Opposition: Milton Stuchiner.

ACTION OF BOARD—Laid over to December 10, 1935, at 10 a. m., upon request of objector's representative.

205-35-BZ.

APPLICANT—Samuels & Samuels, for Bobrose Developments, Inc.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the alteration and change of occupancy of an existing building so as to include a gasoline service station.

PREMISES AFFECTED—163-03 Northern boulevard, northeast corner of 163rd street (Block No. 5338, Lot No. 5), Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Archie Samuels.

For Opposition: Philomene G. Chester, Hiram S. Lewine, Hugh G. Berger, James Hughes, John O'Reilly and Peter Graziano.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Absent 0

THE RESOLUTION—

(205-35-BZ)

WHEREAS, Samuels and Samuels, for Bobrose Developments, Inc., owner, filed July 26, 1935, an application under the building zone resolution to permit in a business district the alteration and change of occupancy of an existing building so as to include a gasoline service station; premises: 163-03 Northern boulevard, northeast corner of 163rd street (Block No. 5338, Lot No. 5), Flushing, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 3, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Northern boulevard is in a business district; 163rd street is in a business and residence district and 164th street is in a business district; Station road is in a business district and Depot road is in a business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered July 19, 1935, re Alt. Permit No. 5183-1935, reads:

"It is contrary to the Zone Law to convert a store into a gasoline service station in a business district." and

WHEREAS, the building is of non-fireproof construction 2 stories and cellar in height, with a frontage of 72.7 ft. on Northern boulevard, 10 ft. on 163rd street and 68 ft. on Station road; it is proposed to alter and change the use of the 1st story of the existing building occupied as stores and offices, so as to create an alcove gasoline service station on the 1st story; the tanks to be buried below the cellar level; the 2nd story of building is to be occupied for conforming uses; and

WHEREAS, the board is thoroughly familiar with the surrounding area of the premises in question; and

WHEREAS, the board deems that the applicant has not substantiated his basis of appeal, brought under Section 21 of the Building Zone Resolution and that the property in question can be used for conforming use.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

MINUTES

284-35-BZ.

APPLICANT—Scacchetti & Siegel, for Charles E. Sackmann and Anjie A. Sackmann, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7c of the building zone resolution, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (stores and motion picture theatre).

PREMISES AFFECTED—725 Church avenue, north side, 156 ft. 6¾ in. east of East 7th street (Block No. 5330, Lot Nos. 55 and 60), Borough of Brooklyn.

APPEARANCES—

For Applicant: Max Siegel.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(284-35-BZ)

WHEREAS, Scacchetti and Siegel, for Charles E. Sackman and Anjie A. Sackman, owners, filed October 16, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (stores and motion picture theatre); premises 725 Church avenue, north side, 156 ft. 6¾ in. east of East 7th street (Block 5330, Lot Nos. 55 and 60), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 3, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Church avenue is business and residence; Montgomery street is residence; East 7th street is residence and business and East 8th street is residence and business; and

WHEREAS, the decision of the Commissioner of Buildings, rendered October 15, 1935, re N.B.12464-1935, reads:

"Erection of structure for business use in a residential zone is contrary to Art. 2, part. 3, Zone Resolution."

and

WHEREAS, the proposed building is to be of non-fireproof construction one story in height, with a frontage of 50 ft. (including 7 ft. 6 in. wide exit) and a depth of 170 ft. to be occupied as stores and motion picture theatre; it is proposed to demolish the 2½ story frame dwelling now on the plot and to use the proposed building for stores and motion picture theatre seating 599 persons. An irregular shaped portion of the rear of the proposed building, having a maximum depth of 60 ft. and an area of approx. 1750 sq. ft., is in the residence use district—the remainder is in the business district. A portion of the open exit passageway at the north and east of the proposed building is also in the residence district; and

WHEREAS, the Board deemed that applicant had substantiated his basis of appeal under Section 7(c) of the Building Zone Resolution, and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the Building Zone Resolution, and that the application be and it hereby is *granted* under Section 7(c), permitting the proposed theatre building to extend into the residential area as shown on plans filed with application *on condition* that the building other than as varied as to zoned use shall comply with all legal requirements in every other respect and that the balance of lot No. 60 now proposed to be used in part by the theatre building shall remain open and unbuilt upon and maintained at all times in an orderly condition; that this variation shall continue only so long as the building is used as proposed and as shown on plans filed with this application for theatre and stores.

Adjourned, 2:45 p. m.

EDWARD V. BARTON, *Chief Clerk*.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, DECEMBER 3, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

390-19-BZ.

APPLICANT—Frank Zyderveld, for Madeline T. Flannery, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) permitting the extension of the store use now in existence in a garage building previously granted by the board.

PREMISES AFFECTED—6902-6912 Fourth avenue, southwest corner of Bay Ridge avenue (Block No. 5872, Lot No. 42), Borough of Brooklyn.

APPEARANCES—

For Applicant: Frank Zyderveld.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing January 7, 1936, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

853-25-BZ.

APPLICANT—Boochever, McManus & Ostrow, for Esbrook Realty Co., Inc., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a residence building to be used for store purposes only on the first story.

PREMISES AFFECTED—8501-8511 Fourth avenue, southeast corner of 85th street (Block No. 6035, Lot No. 6), Borough of Brooklyn.

APPEARANCES—

For Applicant: George Boochever and Kalman Eisenbud.

For Opposition: A. J. Appel.

MINUTES

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing January 7, 1936, at 2 p. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

440-22-BZ.

APPLICANT—James J. Malone for 571 West 182nd Street Corp., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) to permit partly in a residence district and partly in a business district the erection of a 2-story office building.

PREMISES AFFECTED—571-573 West 182nd street, northside, 60 ft. east of St. Nicholas avenue (Block No. 2154, Lot No. 65), Borough of Manhattan.

APPEARANCES—

For Applicant: James J. Malone.

ACTION OF BOARD—Application reopened, subject to usual procedure.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

280-31-BZ.

APPLICANT—Edward L. Kelly, for Jasper Mulle, owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the superintendent of buildings) under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—162-02 to 162-06 Cross Bay boulevard, southwest corner of 162nd street (Block No. 4046, Lot No. 5), Howard Beach, Borough of Queens.

APPEARANCES—

For Applicant: R. S. Hardy.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing January 7, 1936, at 10 a. m.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

390-27-BZ.

APPLICANT—Conroy and Hardy for Ralph Holding Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (reopened March 26, 1935).

PREMISES AFFECTED—73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens.

APPEARANCES—

For Applicant: R. S. Hardy.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Absent 0

THE RESOLUTION—

(390-27-BZ)

WHEREAS, Alex E. Zirpolo and Joseph Altieri, owners, filed April 14, 1927, through their then agent, an application to permit in a business use district the erection and maintenance of a gasoline service station; premises south side of Central avenue 33.83 ft. west of Montague avenue, Glendale, Borough of Queens; and

WHEREAS, this application was granted by the board under the provision of section 7 subdiv. F and section 21 for a temporary period of two years, July 19, 1927 and a further grant of two years from July 19, 1929 made on March 25, 1930 and a further extension denied on July 28, 1931, and subsequently the front portion of the plot was assigned by the City by condemnation for widening of Cooper avenue and the gasoline station removed; and

WHEREAS, Conroy and Hardy, for Ralph Holding Company, present owner, requested a reopening of the case as affecting premises: 73-34 to 73-46 Cooper avenue, south side, 22.22 ft. west of 74th street and 71-04 to 71-14 74th street (Block No. 3811, Lot Nos. 2 and 8), Glendale, Borough of Queens, and

WHEREAS, this case was reopened by vote of the board March 26, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 3, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Cooper avenue is in a business and unrestricted district; 74th street is in a residence and business district and 73rd place is in a business and unrestricted district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered May 3, 1935 re: Applic. No: 1351/35 reads:

"1. The erection of a gasoline selling station in a business district is contrary to Art. 2, Section 4 of the Zone Resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 84.96 ft. and a maximum depth of 110 ft.—upon which it is proposed to erect a one-story office and grease pit structure, 40 ft. by 24 ft. in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, these premises were the subject of an inspection by a committee of the board, report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 390-27-BZ.

Premises: 73-34 to 73-46 Cooper avenue S.S. and 71-04 to 71-14 74th street (formerly Montague street), Glendale, Borough of Queens.

This is an application for a zoning variance to permit the use of the premises as a gasoline service station. The plot is zoned for business use except a small portion in the southeasterly corner along 74th street which is in a residence use district. Prior to the public improvement consisting of the widening of Cooper avenue and the underpass to eliminate the Long Island Railroad grade crossing, a portion of these premises was used as a gasoline station under a temporary grant, the board having determined in July, 1927, that the area could be deemed undeveloped within the meaning of section 7, subdivision F. In 1931, the board refused to continue the permit inasmuch as it had been extended to a street on which there exists a public school and the board's action was confirmed by the Court.

MINUTES

The temporary station was then removed after the Court decision and the street widening which took away part of the station area. The site now proposed for a gasoline station is considerably larger than formerly was granted or used. To avoid the prohibition in Section 21 as to a gasoline station on the same street as the school, it is proposed to leave a lot twenty feet in width along 74th street outside of the station area and to construct a wall parallel to 74th street and twenty feet therefrom so that no part of the station would face on the school street. This device technically obviates the restriction, but the danger to school children is still not removed and there can be no question but that the provision prohibiting gasoline stations and garages on school streets is a salutary one for the protection of children, many of whom have to pass this corner to reach the Public School across 74th street. It developed at the hearing that the entire lot 20 in block 3812 belongs to the Board of Education which indicates that in time the school buildings or grounds will extend to within 95 feet of the corner of Cooper avenue and 74th street.

The property under appeal was purchased in 1927 and transferred to present owners in 1929. The owners are in the gasoline station business and it is understood operate a chain of stations. This plot was acquired for a gasoline station and, part of it having been used temporarily as such, has not been considered by the owners as a site for a conforming development. It was pointed out that the area contains several nonconforming uses particularly across Cooper avenue near the railroad and the unrestricted district adjacent thereto. There are no nonconforming uses on the east side of Cooper avenue and 73rd place in this block 3811.

The Committee anticipates that because of the recent widening of Cooper avenue and the underpass that the area will improve and that this plot like the adjoining plot No. 50 will be developed for conforming uses. With the nearest shopping district on Myrtle avenue several blocks away, it is the Committee's opinion that this Cooper avenue frontage is available for conforming uses. The adjoining lot 50 was before the board for a zoning variance under Cal. No. 271-34-BZ to permit a gasoline station. The board denied that application and the denial was sustained by the Court in July 1935. In the report of the Committee in that appeal, the conditions in this block and the immediately surrounding area were described. Conditions here are similar except that on part of this plot under appeal there has been a temporary gas station. This fact, however, cannot be considered as a hardship because of financial loss since it was clearly shown that the rental obtained while the gasoline station existed, repaid the owners not only in full for the land and the temporary station but perhaps with a profit taking into account also the condemnation award for street widening.

The Committee agree that this plot cannot be considered in an undeveloped section and consequently section 7-F does not apply, nor can they agree that the St. Albans decision can be made to apply as there is no "farm land" in the area.

Considering all the facts as they apply to safety and general welfare, the Committee is of the opinion that the general purpose and intent of the zoning resolution would be defeated by granting the appeal for a temporary term or permanently. They can find no hardship existing to warrant a favorable action and do find both general and special conditions justifying denial of the application.

Denial is recommended.

(Signed) HARRIS H. MURDOCK,
Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, this report recommended the denial of this application and the board denied that the applicant had failed to substantiate the basis of his application under section 21 of the Building Zone Resolution.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

120-35-BZ.

APPLICANT—Maxwell A. Cantor, for Andon E. Andon, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); reopened and restored to calendar October 22, 1935.

PREMISES AFFECTED—63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens.

APPEARANCES—

For Applicant: Maxwell A. Cantor.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners

Savage and Blum and Assistant Chief

Kidney 4

Absent 0

THE RESOLUTION—

(120-35-BZ)

WHEREAS, Maxwell A. Cantor, for Andon E. Andon, owner, filed May 14, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 63-57 to 63-73 Woodhaven boulevard, northeast corner of Penelope street (Block No. 3114, Lot No. 70), Forest Hills, Borough of Queens; and

WHEREAS, this application was withdrawn July 16, 1935, and reopened by vote of the board October 22, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 3, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Woodhaven boulevard is in a business district; 65th drive is in a business district; Penelope avenue is in a business and residence district, and Everton street is in a business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered April 25, 1935, re Application No. 1233-1935, reads:

"The erection of a gasoline service station in a business district is contrary to the zone law. (Art. II, Sec. 4, subd. 46 BZR)"

and

WHEREAS, the premises consist of an irregularly shaped plot of ground having a frontage of 164 ft. on Woodhaven boulevard, 92 ft. on Penelope avenue and 198 ft. on Everton street, upon which it is proposed to erect a one-story office, grease pit and auto laundry structure 60 ft by 24 ft. in area and also the necessary tanks and pumps for a gasoline service station; and

WHEREAS, these premises were the subject of an inspection by a committee of the board report of which inspection was read at this hearing and which report follows:

REPORT OF COMMITTEE

Cal. No. 120-35-BZ.

Premises: 63-57 to 63-73 Woodhaven boulevard, N.E. Corner Penelope street, Forest Hills, Borough of Queens.

MINUTES

The premises for which a zoning variance is applied for under Section 21 consist of a triangular area bounded by Woodhaven boulevard, Penelope street and the unopened Everton street. The owner purchased the property in 1922 when the area was largely farm land and undeveloped. When zoned, the frontage along Woodhaven boulevard and 63rd drive was classified as for business use and the surrounding area as residential. Very extensive building conforming to the zoning has occurred and the streets have been improved. Woodhaven boulevard is mapped to be widened to 150 ft. opposite these premises which will be considerably reduced thereby. It is claimed that they will be so greatly reduced as to leave insufficient area for a conforming development. The actual size to remain appears to be approximately 7,500 sq. ft. The applicant claims that because the greatest depth is only 91 ft. and tapers to nothing at the northerly end that a conforming building cannot be erected. In July of this year there was a public hearing and an inspection by a committee and at the board's suggestion the application was withdrawn pending development of the street widening and other improvements. Being anxious for a favorable determination, the board was requested to restore and rehear the application. It now develops that while there has been nothing done further as to the street widening, that on the next block east in a business area several houses have been constructed comparing very favorably with any in the area. These new houses are indicated on photographs, Exhibit 0-2, filed by the builder who claims that his investment will be ruined by the gasoline station as proposed. He claims that the property under appeal is ripe for an apartment house and stores and points out that the house he is building facing on Everton street, even though not opened, would be unsalable if it faces the proposed gasoline station wall.

In view of the development and the investment at stake, the committee cannot recommend favorable action. In its opinion it would be a deteriorating influence on the area to permit the proposed gasoline station, even though partly enclosed with wall and with shrubbery maintained. The committee counted nine gasoline stations on Woodhaven boulevard within a mile in each direction. No more are needed.

It is the committee's opinion that a conforming building can be constructed and profitably operated. It does not seem proper for this owner after awaiting developments since 1922, during part of which time he could have legally constructed a gasoline station, to ask now for that use after others have developed the area not only conformingly but in a high grade way. Their investments are far greater than this owner's and they have a right to rely on the protection of the zoning. The stores in the business use area appear to be well rented.

It is the committee's opinion that a gasoline station should not be established at this location which gives promise of developing into an important plaza and also that no hardship exists as in its opinion a conforming development can be constructed.

The committee recommends denial.

(Signed) HARRIS H. MURDOCK,
Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and
WHEREAS, the committee in this report recommended the denial of this application and the board deemed that applicant had failed to substantiate the basis of his application under Sec. 21 of the building zone resolution.

Resolved, that the decision of the Commissioner of Buildings be and is hereby affirmed, and that the application be and hereby is denied.

35-34-BZ.

APPLICANT—Sidney L. Strauss, for Fannie Levy, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a building to be used as stores and also a motor vehicle repair shop (reopened May 7, 1935).

PREMISES AFFECTED—625-631 West 176th street and 74 Wadsworth avenue, northwest corner (Block No. 2145, Lot No. 54), Borough of Manhattan.

APPEARANCES—

For Applicant: Sidney L. Strauss.

For Opposition: None.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(35-34-BZ)

WHEREAS, Samuel Roth, for Fannie Levy, owner, filed February 9, 1934, an application under the building zone resolution to permit in a residence district the erection and maintenance of a gasoline service station and a motor vehicle repair shop; premises: 625-631 West 176th street and 74 Wadsworth avenue, northwest corner (Block No. 2145, Lot No. 54), Borough of Manhattan; and

WHEREAS, this application was denied by the board June 19, 1934, and the owner through her agent Sidney L. Strauss, requested a reopening of the case to permit a building for stores and motor vehicle repair shop and the case was reopened by vote of the board May 7, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 3, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Wadsworth avenue is in a residence and business district; Broadway is in a business district and W. 176th street is in a residence and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered July 25, 1935 re application No. 123-1935, reads:

"2—Erection of building and occupancy of premises in residence district as stores and auto repair shop is contrary to the provisions of Section 3 of the Zone Law."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 24 ft. 11 in. on Wadsworth avenue and 100 ft. on W. 176th street, upon which it is proposed to erect a one-story structure to be used as stores, auto accessories and also motor vehicle repair shop; and

WHEREAS, these premises were the subject of an inspection by a committee of the board, report of which inspection was read at the hearing and which report follows:

REPORT OF COMMITTEE OF INSPECTION.
Cal. No. 35-34-BZ.

Premises: 625-631 West 176th street and 74 Wadsworth avenue, N.W.C. (Block 2145, Lot 54), Borough of Manhattan.

This is a reopened application for a rehearing on a new proposal. In June, 1934, the board denied an application for a zoning variance to permit a gasoline service station based on an inspection by a committee whose report set forth its reasons for recommending denial. This committee recognized that the plot was too small for a multiple-dwelling, but that it could be

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put to a conforming use (such as a two-family building). The owner, through a new applicant, now asks to be permitted to erect a one-story store building, part of which would be occupied by a brake-testing repair shop, which is non-conforming in a business district as well as residential district.

The committee recognizes that the unique position of the plot as well as its size makes strict compliance with the Zoning Resolution difficult if not impracticable, and recommends that the application be granted provided a building is erected not less than two stories in height for residential use above the ground floor and permitting the ground floor to be occupied for business use that is conforming in a business area, and limiting such business use to work of an office nature, such as real estate or to a dress or millinery shop, tailor or stationery store, with no signs exposed on the roof or street walls other than the customary non-illuminated signs over show windows or on or behind the plate glass windows.

(Signed) HARRIS H. MURDOCK,
Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the Committee in this report recommended the granting of the application and the board deemed that the applicant had substantiated the basis of his application on the grounds of practical difficulty and unnecessary hardship.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under Section 21, permitting the plot under appeal to be used for business purposes as to ground floor, *on condition* that the building shall not be less than two stories in height and that above the ground floor the building shall be used and occupied for conforming residential purposes; that the business use on the ground floor shall be limited to office use or for such occupancy as real estate office, dress or millinery shop, tailor or stationery store; that there shall be no signs exposed on the roof or on street walls within the residential district other than the customary nonilluminated signs over show windows and with no illuminated signs on or behind plate glass windows; that other than as varied herein, all laws and regulations shall be complied with and that this variation shall continue only so long as building is used as herein permitted.

254-35-BZ.

APPLICANT—Scacchetti & Siegel, for Winter Mead and R. Hawley Truax as Trustees of Owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles and stores, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated) a portion of the garage having been previously granted by the board.

PREMISES AFFECTED—300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Borough of Manhattan.

APPEARANCES—

For Applicant: Max Siegel.

For Opposition: None.

ACTION OF BOARD—Application denied without prejudice.

THE VOTE TO GRANT—

Affirmative 0

Negative: Chairman Murdock, Commissioners
Savage and Blum and Assistant Chief
Kidney 4
Absent 0

THE RESOLUTION—

(254-35-BZ)

WHEREAS, Scacchetti and Siegel, for Winter Mead and R. Hawley Truax as trustees of owner, filed September 11, 1935, an application under the building zone resolution to permit in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated) a portion of the garage having been previously granted by the board; premises: 300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block No. 1845, Lot No. 36), Borough of Manhattan; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 3, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Cathedral parkway (West 110th street) is in a business and residence district; West 109th street is in a business and residence district; Central Park West is in a residence and business district and Manhattan avenue is in a business and residence district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered August 13, 1935, re App. No. 2051-1935, reads:

"1. Proposed extension of prohibited use in a business district on that portion of the plot now occupied by stores is contrary to Sect. No. 6 of Building Zone Resolution and Sect. 4, Item 46 of Building Zone Resolution."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of approximately 221 ft. on Cathedral parkway, 61 ft. 10 in. on Central Park West and 199 ft. 10 in. on West 109th street—upon which is located a one-story structure occupied as a storage garage for more than five motor vehicles and stores (on the easterly portion of the plot). It is proposed to remove these stores and also a portion of the garage and to erect upon the resulting area a gasoline service station having a frontage of 105 ft. 10 in. on Cathedral parkway, 61 ft. 10 in. on Central Park West and 97 ft. on West 109th street; and

WHEREAS, this application was the subject of an inspection by a committee of the board, which inspection was made and report of same read at this hearing; and which report follows:

REPORT OF COMMITTEE OF INSPECTION.

Cal. No. 254-35-BZ.

Premises: 300-318 Cathedral parkway, 486-489 Central Park West and 1-9 West 109th street (Block 1845, Lot 36), Borough of Manhattan.

The entire block in which a portion facing 8th avenue is under appeal for a zoning variance to permit a gasoline station has been under one ownership since 1903 and the existing buildings have been substantially unchanged since prior to zoning. There are now three portions where gasoline is sold: (A) the corner of 109th street and Manhattan avenue; (B) the public garage occupying approximately all the easterly half, except for the stores facing Central Park West and the Circle; and (C) the lot directly adjoining the public garage to the west. The sale of gasoline at (A) and (B) are legally non-conforming; at (C) the sale of gasoline and the repairing of motor vehicles and parking may not be legally conducted.

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The public garage (B) also maintains a motor vehicle repair shop whose status probably is legal. The record in Cal. No. 1458-21-A denying the use of part of the premises as a repair shop, which premises, i.e., a store east of the garage entrance on West 110th street, are, however, being so used, appears to indicate that repairing in the public garage was a use existing prior to 1916.

There have been three previous appeals to this board for zoning variations: 1—a relatively slight addition in area permitted to the public garage along its westerly lot line; 2—denial of a 4-story public garage to replace the westerly portion of the existing 1-story garage and 3—automobile repairing above referred to denied in one of the stores facing the Circle east of the garage entrance.

It is now proposed to remove the stores facing Central Park West and those east of the garage entrance as well as a portion of the public garage to the rear of the stores and where the automobile repair shop of the garage exists and construct a new gasoline service station with entrances from 110th street, Central Park West and West 109th street to be entirely separated from the garage and with a structure for utilitarian services abutting the garage and a new show room, office and rest room at the intersection of 8th avenue and the Circle, all as shown on revised plan No. 4 filed with amending letter of November 8, 1935.

It is claimed that hardship exists and also that this should be granted under Section 7(a) inasmuch as it is an extension of an existing non-conforming building and use. The board has power under Section 7(a) to use its discretion in extending an existing non-conforming building and the non-conforming use therein. It was claimed by an opponent that the board lacks power to grant this variance quoting the Court decision in Collins vs. Moore. That decision has no bearing as it was a mandamus action against a Superintendent of Buildings questioning his action under Section 6. The Commissioners of Buildings have no power to vary the Zoning Resolution under Section 7. Sole power to vary under Section 7 rests with this board. This application, however, is not for an extension of a non-conforming use in the existing non-conforming garage, but a creation of a new and additional non-conforming use for a gasoline station independent of the garage.

Financial statements furnished indicate that the present uses of this block and particularly that portion under appeal do not bring in sufficient return to pay taxes. In the opinion of the committee this hardship is largely self-imposed. This block has been permitted by the owners to run down. The committee understands that the owners have made only short leases, which, if true, indicate that a constructive improvement has been considered possible. There are certain conditions, however, that indicate hardship. Located between Central Park and Morningside Park with other uses such as the Cathedral property and the Woman's Hospital, there is a material reduction in area from which business can be drawn. The elevated which is particularly high is not favorable to a conforming development. The shifts in racial population already affecting the north side of 110th street can be considered as affecting this block also, even though the Real Property Survey and Population Analysis while showing that the census tract in which this plot is included is losing population, does not as yet indicate a marked change in racial composition.

The opening of the 8th avenue subway with an entrance at 109th street and Central Park West, the removal of the trolley tracks on Central Park West and substitution of buses, as well as restoring the two-way traffic are definite improvements tending to better the plot under appeal.

The committee is of the opinion that the establishment of a new non-conforming use on the Central Park end of this block as proposed, replacing stores now used conformingly would be ill advised. It is not considered in the public interest opposite the park, but particularly because of the proximity of the subway exit, the necessity of crossing the subway ventilating chamber and the harmful effect on conforming buildings on West 109th street. It would not tend toward the improvement of the balance of this block. In the committee's opinion, these stores, if properly reconstructed, can be rented profitably, particularly if the objectionable roof signs are removed. The committee recommends that this application be denied without prejudice to the filing of a new application for an alteration of the existing garage to include if desired the plot adjoining on the west where the conditions are exceptionally objectionable and the construction of a modern gasoline station opening upon Cathedral parkway only.

(Signed) HARRIS H. MURDOCK,
Chairman.
BERNARD A. SAVAGE,
CHARLES M. BLUM,
Committee of Inspection.

and

WHEREAS, the committee in this report recommend the denial of this application without prejudice to the filing of another application on certain conditions; and

WHEREAS, the board deemed that the applicant had failed to substantiate the bases of his application under Section 7A and 21 of the Building Zone Resolution.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

72-30-BZ.

APPLICANT—David Diamond, for Connelly Construction Co., owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under section 21 of the building zone resolution, permitting in a business district the omission of a proposed garage and gasoline service station granted by the board and the substitution of a gasoline service station and motor vehicle repair shop.

PREMISES AFFECTED—3491-3507 Fort Hamilton parkway, south side, 264 ft. 5 in. east of 36th street (Block No. 5302, part of Lot Nos. 21 and 27), Borough of Brooklyn.

APPEARANCES—

For Applicant: David Diamond.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(72-30-BZ)

WHEREAS, this application affecting premises 3491-3507 Fort Hamilton parkway, south side 264 ft. 5 in. east of 36th street (Block No. 5302, part of Lot Nos. 21 and 27), Borough of Brooklyn, was granted by the board October 17, 1933, on certain conditions, amended April 17, 1934, and Oc-

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tober 9, 1934, and applicant requests a further amendment.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on October 17, 1933, so that as amended it will read as follows:

Resolved that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution, and that the application as amended by letter of August 21, 1933, and plans marked 'Received October 10, 1933,' and by revised plans marked 'Received October 5, 1934,' be and hereby is *granted* under section 21 *on condition* that there shall be erected on the rear line 100 ft. back from Fort Hamilton parkway and parallel thereto a masonry fence not less than 7 ft. in height and that on either side lot line from rear line to street line there shall be erected a fence of substantial woven wire at least 6 ft. in height; that accessory buildings shall not exceed one story in height and shall be located towards the rear of plot as indicated on revised plans filed; that the wall along the rear lot line may be used as the rear wall of these accessory buildings; that the accessory buildings shall be used only for automobile laundry, boiler room, office and greasing; that these accessory buildings shall be constructed of incombustible materials and faced with face brick except that the roof beams, roof boarding, window sash and frames may be of wood, provided the ceilings throughout are fire-retarded in accordance with the Rules of the Board of Standards and Appeals and that the weather surfacing of the roof shall be of incombustible materials; that the fronts of greasing pit section shall be left open except that if doors are desired same may be permitted provided the greasing section is ventilated with a spark-proof fan venting to the open air on the property under appeal or through the roof; that such ventilation shall, however, be omitted if the greasing racks are of the hydraulic type without pits; that there shall be no cellar or open excavation under any of these buildings except pits for greasing racks; that no open flame shall be permitted on the property other than in boiler room closed off by fireproof partitions; that there shall be no automobile repairing on the premises; that there shall be no portable gasoline pumps used on or from the premises; that there shall be erected along the Fort Hamilton parkway street line a concrete curb not less than 12 in. in width and not less than 5 in. in height with rounded top and with not over two (2) openings therein, each opening not exceeding 25 ft. in width, with curb cuts opposite not exceeding 30 ft.; that the balance of the plot where not covered by accessory buildings shall be covered with cement paving or asphalt paving, except however, that the portions at the rear to the east and west of accessory buildings, a space approximately 25 ft. by 25 ft. on either side, may have the cement or asphalt paving omitted provided these areas are suitably planted with shrubs and provided there shall be erected at the edge of the planted area a concrete curb at least 5 in. in height for protection; that gasoline pumps erected shall be at least 15 ft. back from building line; that advertising signs shall be limited to the illuminated globes of the gasoline pumps and to permanent flat wall signs attached to the fronts of the accessory buildings and excluding all roof signs and signs of a temporary nature, *but permitting the erection within the building line of two post standards for the support of an illuminated sign advertising only the brand of gasoline on sale, provided such signs do not extend more than 8 feet beyond the building line and are not less than 12 feet above the surface of the sidewalk*; that all lights for illumination at night shall be on standards with metal reflectors; and that all permits shall be obtained within six months and all work completed within one year from the date of this *amended* resolution.

APPEALS FROM ADMINISTRATIVE ORDERS

344-34-A.

APPELLANT—Sun Klean Chemical Co., Inc., lessee.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—548 Cassanova street (Block No. 2768D, Lot No. 193), Borough of The Bronx.

APPEARANCES—

For Appellant: Samuel R. Buxbaum.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to January 14, 1936, at 2 p. m., on request of appellant's representative.

283-35-A.

APPELLANT—Caldo Fuel Oil Co., Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Laid over to December 17, 1935, at 2 p. m., for further consideration.

317-35-A.

APPELLANT—John A. Wells, Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Laid over to December 17, 1935, at 2 p. m., for further consideration.

321-35-A.

APPLICANT—Preferred Utilities Company, for John D. Rockefeller, Jr., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—100-104 Morningside avenue and 403-407 West 123rd street, northwest corner (Block No. 1964, Lot Nos. 29-33), Borough of Manhattan.

APPEARANCES—

For Appellant: Frank Glanz.

For Administration: Inspector Maher of Dept. of Buildings and Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to December 10, 1935, at 2 p. m., awaiting Fire Department records.

322-35-A.

APPLICANT—Preferred Utilities Company, for John D. Rockefeller, Jr., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—418 West 124th street, south side, 352 ft. west of Morningside avenue (Block No. 1964, Lot No. 46), Borough of Manhattan.

APPEARANCES—

For Appellant: Frank Glanz.

For Administration: Inspector Maher of Dept. of Buildings and Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to December 10, 1935, at 2 p. m., awaiting Fire Department records.

323-35-A.

APPLICANT—Preferred Utilities Company, for John D. Rockefeller, Jr., owner.

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SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—426 West 124th street, south side, 425 ft. west of Morningside avenue (Block No. 1964, Lot No. 50), Borough of Manhattan.

APPEARANCES—

For Appellant: Frank Glanz.

For Administration: Inspector Maher of Dept. of Buildings and Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to December 10, 1935, at 2 p. m., awaiting Fire Department records.

286-35-A.

APPELLANT—Harry L. Marcus for Triangle Farms, Inc., owner.

SUBJECT—Appeal from an order and a decision of the fire commissioner.

PREMISES AFFECTED—51-61 Union street, northwest corner of Van Brunt street (Block No. 334, Lot No. 34), Borough of Brooklyn.

APPEARANCES—

For Appellant: Harry L. Marcus.

For Administration: Assistant Engineer Benjamin Saltzman of Department of Buildings and Inspector Meyer of Fire Department.

ACTION OF BOARD—Appeal denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(286-35-A)

WHEREAS, Harry L. Marcus for Triangle Farms, Inc., owner, filed October 16, 1935, an appeal from an order and a decision, of the fire commissioner affecting premises 51-61 Union street, N.W. corner Van Brunt street (Block No. 334, Lot No. 34), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner dated April 25, 1935, Order No. 66169-LC, reads:

"With reference to your application dated March 27, 1935, for a permit to maintain a storage garage (1100 gallons of gasoline, 60 automobiles and 100 gallons of lubricating oil) at 51-61 Union street, Brooklyn, we would state that the following order of the Fire Department must be complied with before a permit may be issued:

Order No. 65881-C

1. Separate the boiler on the 1st story from the remainder of the building by an enclosure of solid masonry at least 8 inches in thickness. Entrance to boiler room to be from exterior of building only."

and

WHEREAS, the decision of the fire commissioner, dated October 3rd, 1935, reads:

"In reply to your letter of September 26th, advising that you have been retained by the owners to appeal from the requirements of order No. 66169 LC and that you are unable to do so due to the fact that the Board of Standards and Appeals will not accept an appeal for the reason that the time limit, twenty days, had elapsed, and the request dismissal and reissuance of the above order.

You are advised that the order cannot be dismissed or reissued. Therefore, your request is denied."

and

WHEREAS, the building is non-fireproof, one-story (25 ft.) in height, 146 ft. by 100 ft. in area; OCCUPIED as a milk bottling and distributing station and storage garage, located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1924, certificate of occupancy issued December 28, 1932, permitting the use of a "milk depot and pasteurization

plant for handling of milk and milk products and public garage"; the boiler room is located against the unpierced rear wall and separated from the interior of the building by 5-inch concrete partitions with one communicating doorway protected by a F.P.S.C. sliding door; it is proposed to construct a concrete sill in the doorway, 12 inches in height, also to provide an additional F.P.S.C. sliding door on the opposite side of the opening; the applicant contends that a doorway cut through the rear wall would lead to the adjoining property, for this reason it is impossible to strictly comply with the order; furthermore, there are no motor vehicles stored on the premises for rent or hire, only the trucks used in the conduct of the business are kept on the premises, and

WHEREAS, it appeared that the high pressure boiler and surrounding partitions had been installed without plans having been approved; and

WHEREAS, it was recommended to the applicant that plans be filed with the Commissioner of Building relocating the boiler room to comply with the requirements of the Code of Ordinances.

Resolved, that the order No. 66169-LC of the Fire Commissioner be and it hereby is *affirmed*, and that the appeal be and it hereby is *denied*.

299-35-A.

APPELLANT—Jane Baylee Stevens, lessee.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—25-48 122nd street (Block No. 4258, Lot No. 16), College Point, Borough of Queens.

APPEARANCES—

For Appellant: Jane Baylee Stevens.

For Administration: None.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(299-35-A)

WHEREAS, Jane Baylee Stevens, lessee, filed October 28, 1935, an appeal from a decision of the Commissioner of Buildings affecting premises 25-48 122nd street (Block No. 4258, Lot No. 16), College Point, Borough of Queens; and

WHEREAS, the decision of the Commissioner of Buildings, dated October 4, 1935, reads:

"Responding to your communication of even date, regarding Certificate of Occupancy to permit use of premises 25-48 122nd street, College Point, as a Maternity Home, please be advised that investigation shows this to be a 2-story frame building, over twenty (20) ft. in height, and therefore, your request for said certificate is hereby DENIED, as use of said building for stated purpose would be contrary to Sec. 72 of the Building Code."

and

WHEREAS, the building is of frame construction, 3 stories (33 ft.) in height, 26 ft by 41 ft. in area; occupied as a private dwelling; cellar, boiler room; 1st story, 3 bedrooms, kitchen and bath; 2nd story, 5 bedrooms; 3rd story, 3 storage rooms; located within a business district; and

WHEREAS, the applicant claims a new hot water heating system has been installed; the building is entirely enclosed (roof and outer walls) with fireproof asbestos shingles and in a good sanitary and structural condition; the four rooms on 1st story are connecting, with folding doors, all have exits to a large main hall, the windows are 5 ft. from the ground; it is proposed to install seven beds in rooms on 1st story for the purpose of using the

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1st story as a maternity home; furthermore, the applicant contends that the nearest house is 100 ft. distant; the arrangement and conditions of the premises make it ideal for the use as a maternity home.

Resolved, that the decision of the Commissioner of Buildings, dated October 4, 1935, in connection with an application for certificate of occupancy be and it hereby is *modified*, and that the appeal be and it hereby is *granted*, to permit the premises under appeal to be used as a nursing home, *on condition* that the rooms for patients shall be at all times on the 1st story only, with not more than seven (7) beds; that all combustible material in the basement within five (5) feet of the boiler or flue, shall be removed or protected with fire-retarding material; that the building shall not be increased in height or area and that this modification shall continue only so long as the building is used as herein permitted.

327-35-A.

APPELLANT—Maurice Deutsch, for 130 Washington Place West Holding Corp., owner.

SUBJECT—Appeal from an order and a decision of the tenement house commissioner.

PREMISES AFFECTED—130 Washington place West, south side, 1 ft. east of Sheridan square and 187-191 West 4th street (Block No. 592, Lot No. 2), Borough of Manhattan.

APPEARANCES—

For Appellant: Maurice Deutsch.

For Administration: Inspector John J. Mahoney of Tenement House Department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(327-35-A)

WHEREAS, Maurice Deutsch, for 130 Washington Place West Holding Corp., owner, filed November 14, 1935, an appeal from an order and a decision of the Tenement House Commissioner, affecting Premises 130 Washington place west, S.S., 1 ft. E. of Sheridan square and 187-191 West 4th street (Block No. 592, Lot No. 2), Borough of Manhattan; and

WHEREAS, the order of the Tenement House Commissioner, dated September 25, 1935, reads:

"Item 9—The existing Standpipe Fire Line System, having the following defects, is in a condition dangerous to life and, as such is a public nuisance according to Section 309 of the Multiple Dwelling Law and you are hereby ordered to abate and remove the said nuisance by correcting these defects immediately.

(a) The wheels of the 2½ in. hose valves are from 7 ft. 2 in. to 7 ft. 6 in. in height above the floor on the 1-2-3-6-7-8th stories. Arrange same to be within 6½ ft. of the floor.

(d) The hose outlet provided for cellar is located within restaurant enclosure at the south and is not accessible at all times."

and

WHEREAS, the decision of the Tenement House Commissioner, rendered October 28, 1935, reads:

"Items 9a and 9d, of which you were previously notified are still pending against the above premises. The Department urges that you give these items your immediate attention, and proceed with the necessary work without further delay.

Items 9b and 9c are complied with and removed from record"

and

WHEREAS, the building is fireproof, 8 stories and pent-house (121 ft. 4 in.) in height, 59 ft. 3 in. by 49 ft. and 74

ft. 3¾ in., irregular in area; OCCUPIED: Cellar, restaurant, 75 persons; 1st story—stores, 75 persons; upper stories as a Class A Multiple Dwelling; located partly within a residence district and partly within a business district; and

WHEREAS, the applicant claims the building was erected about 1900, converted from a factory to non-housekeeping apartments in 1927; Certificate of Occupancy No. 13206, issued November 3, 1927; by enactment of the Multiple Dwelling Law in 1929; housekeeping apartments were permitted in Class A Multiple Dwellings; as to Item 9-a, the standpipe (hose) outlet valves at 1st and 2nd stories are only 11 inches above the height required under the order; at 3rd story, 12 in. higher; at penthouse, 10 inches higher; and at 4th to 8th stories, inclusive, they are within 3 to 7 inches of the required height; the location of these hose valves has been an existing condition for more than 35 years without objection; there should be no difficulty of access to the same by one method or another; as to Item 9d, the cellar hose outlet valve is located just within the entrance to the cellar restaurant and separated from the public hallway by two double-swinging sash doors; the hose valve is only 5 ft. 5 in. above the floor and located close to the door; the applicant proposes to replace the wire glass in door with plain glass, provide a hammer on the hall side with a sign with directions to break the glass in case of fire and reach the door key hung on the valve; further, the applicant contends that the standpipe could not be moved due to the fact that the elevator door immediately adjacent would prevent placing the valve in the public hall; and

WHEREAS, this standpipe system was installed prior to the alteration of this building from a factory to a multiple dwelling; and

WHEREAS, the hose valves have at all times been at the present height and were not disapproved at the time the building was altered into a multiple dwelling.

Resolved, that the order of the Tenement House Commissioner be and it hereby is *modified*, and the appeal be and it hereby is *granted*, permitting the hose valves on the street floor and above, to remain at their present height, *on condition* that no hose valve is higher than 7 ft. 6 in. and *on further condition* that the hose valve in cellar shall be made accessible when doors to the restaurant are locked, either by means of an access door, not less than 10 in. by 10 in., or that there shall be installed on the siamese line, an additional valve and hose in the public portion of cellar; and that other than as modified herein the Standpipe-Fire Line Rules of the Board of Standards and Appeals shall be complied with.

220-34-A.

APPELLANT—Albert E. Straker, for Chelsea-Moore Corporation, owner.

SUBJECT—Application for reopening—extension of time—re Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—531-541 West 23rd street (Block No. 695, part of Lot No. 15), Borough of Manhattan.

APPEARANCES—

For Appellant: Albert E. Straker.

ACTION OF BOARD—Appeal reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

MINUTES

THE RESOLUTION—

(220-34-A)

WHEREAS, Paul C. Hunter, for Chelsea-Moore Corporation, owner, filed July 31, 1934, an appeal from a decision of the commissioner of buildings, affecting premises 531-541 West 23d street (Block No. 695, Part of Lot No. 15), Borough of Manhattan; and

WHEREAS, the decision of the commissioner of buildings, dated July 19, 1934, reads:

"Answering your letter of July 16, 1934, with reference to application for a certificate of occupancy for above premises, you are advised that as the building is over 15,000 sq. ft. in area, it will be necessary to divide same with a fire wall or provide a standpipe system in accordance with the Board of Standards and Appeals rules."

and

WHEREAS, the building is non-fireproof, one story (17 ft. 6 in.) in height, 166 ft. by 98 ft. 9 in. in area; OCCUPIED as a garage for the storage and sale of more than five motor vehicles; located within an unrestricted district; and

WHEREAS, the appellant claims the original building was 3 stories, erected about 1884 for factory use; altered about 1912 to one story in height and used as an exide storage battery station; at present it is used as a garage for the storage and sale of used cars; there is no school or hospital in the same block nor within 200 ft. of the premises; the present tenancy is temporary and subject to terminate on thirty days' notice; the owner is negotiating a long term lease for this property which would involve the demolition of the building; furthermore, the interior area of the building is only 816 sq. ft. more than the 15,000 sq. ft. area where a standpipe system would not be required; to install a standpipe system under such condition would be an unnecessary hardship; and

WHEREAS, this appeal was granted by the board September 25, 1934, on certain conditions and owner requested an amendment of the resolution and an extension of the time limit imposed.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *modified*, and that the appeal be and it hereby is *granted on condition* that the premises shall be used as a non-storage garage and salesroom, that there shall be no gasoline stored or on sale on the premises; that all except not over 10 cars stored within the building shall have their tanks empty of gasoline; that such auxiliary fire-fighting appliances shall be installed as the fire chief and commissioner may direct and that this variance shall be for a period of one year only from the date of this action, December 3, 1935.

162-35-A.

APPELLANT—John M. Baker, for The Van Iderstine Co., owner.

SUBJECT—Application for reopening—amendment—re Appeal from decisions of the fire commissioner and the commissioner of buildings.

PREMISES AFFECTED—37-59 Railroad avenue, west side, 440 ft. south of Greenpoint avenue (Block No. 312, Lot Nos. 263, 267 and 273), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: John M. Baker and B. W. Strachan.

ACTION OF BOARD—Appeal reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(162-35-A)

WHEREAS, John M. Baker, for The Van Iderstine Co., owner, filed, June 19, 1935, an appeal from decisions of the fire commissioner and the commissioner of buildings, affecting premises 37-59 Railroad avenue, west side, 440 feet south of Greenpoint avenue, (Block No. 312, Lot Nos. 263, 267 and 273), Long Island City, Borough of Queens; and

WHEREAS, the decision of the fire commissioner, rendered June 5, 1935, reads:

"In reply to your letter of May 31, 1935, please be advised that the conditions peculiar to your proposed installation make it impossible for this bureau to favorably report to the Board of Hazardous Trades your application to erect, conduct and maintain a technical establishment.

"Your application is therefore denied as per letter of May 29, 1935, viz:

"In relation to your application to erect, conduct and maintain a technical establishment (solvent degreasing plant) at your Long Island City plant, you are hereby advised that same is disapproved for the reasons that the capacity of the buried storage tanks and the capacity and location of the settling storage tanks are contrary to the provisions of Section 131, Chapter 10, Subdiv. 13-A and C which requires that all storage tanks for the storage of volatile inflammable oil shall be constructed of steel at least one-quarter of an inch in thickness, with a capacity of not more than 1,500 gallons and so set that the top or highest point thereof shall be at least two feet below the level of the lowest cellar floor of any building within a radius of ten feet from the tank. Additional requirements for this installation depend upon the capacity and location of storage system, and therefore no further recommendations may be made at this time."

and

WHEREAS, the decision of the commissioner of buildings, rendered June 18, 1935 (App. No. 2337-1935), reads:

"1. No provision is made in the Code of Ordinances covering this type of degreasing plant employing volatile inflammable oil as the solvent agent. The Code of Ordinances limits individual tank capacities for the storage of Volatile Oil to within the range of 1,500 gallons, except under Section 111, Chapter 10, covering bulk oil storage plants. Your plan is therefore disapproved. Appeal may be taken to the Board of Standards and Appeals."

and

WHEREAS, the premises consists of three lots about 424 ft. by 401 ft. in area, upon which are erected a number of frame, non-fireproof and fireproof buildings, 1, 2, 3 and 4 stories in height, and eleven (11) steel tallow-storage tanks above ground; bounded on the southwest side by Newtown Creek and on the northeast side by the Long Island Railroad; OCCUPIED as a factory degreasing plant—rendering fats, greases and animal products by the boiling process; 450 persons employed; located within an unrestricted district; and

WHEREAS, the applicant proposes to install a modern solvent (gasoline) degreasing plant at about the centre of Lot No. 267 by using a one-story existing fireproof building, about 40 ft. by 60 ft. by 30 ft. in height; and

WHEREAS, the applicant has amended the plans filed with the board, June 19, 1935, and has substituted therefor plans filed July 17, 1935, showing new conditions and has also filed a statement reading as follows:

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Mr. Harris H. Murdock, Chairman,
Board of Standards and Appeals,
Municipal Building,
New York City.

July 18, 1935.

Dear Sir:

Owing to the objections raised regarding six settling tanks of 2,500 gallons capacity each required in operating horizontal extractors with internal shaft and agitators, we find it possible to substitute vertical stationary extractors having no inner shaft, moving parts or stuffing boxes. This type is just as practical and as much used as the agitator type. The operating time required is somewhat longer so that three of these stationary extractors are required to do the same work as the two agitator type originally planned, but this method does permit of eliminating the six settling tanks objected to, and permits as a substitute, one 6,000 gallon storage tank to be buried underground, the same as the larger storage tanks for solvent.

This change also calls for the use of high speed evaporators which are a decided advantage owing to the fact that they vaporize 75 per cent of the solvent immediately as it comes from the extractors, the solvent being condensed at once and returned to the main underground storage tanks. The still storage tank, high speed evaporator and in fact all of the equipment operates under from 15 to 22 inches of mercury vacuum when containing solvent. These changes are shown on connection diagram, drawing No. 176.

In connection with above, the following changes and improvement were suggested by your board at an inspection made of our premises today, particularly building No. 9 that will contain this proposed degreasing plant and we agree to make the following changes:

1. Building No. 9 to be thoroughly cleaned and renovated, inside and any necessary exterior repairs to be made. All obsolete steam piping and any other unnecessary fixtures to be removed.
2. All of the lower steel window sashes within 15 ft. from floor line to be removed, openings bricked up to a thickness equal to existing wall.
3. All other sashes, including roof monitor to be reglazed with wire glass. Ventilating sections of all sashes to be provided with fusible links.
4. Section of breeching in opening in west wall to be removed and opening bricked up to a thickness equal to existing wall.
5. Section of breeching, extending into building from opening in east wall to be removed and remaining breeching to be provided with a counterweighted damper and fusible link. This breeching and present stack to be utilized for ventilating purposes.
6. All doors to be of approved fireproof construction and equipped with fusible links. Door openings to be provided with a raised sill of sufficient height to form a floor basin of a capacity equal to the opening of all tanks and vessels in the building.
7. There will be no drains from this room to the sewers. Any sewers encountered in excavating for outside storage tanks will be moved to a safe location to prevent any solvent entering them.
8. Outside storage tanks will be installed to conform to all requirements including encasing in concrete; all pipe connections to be made in accordance with code regulations and vents carried to proper height.
9. Present steel breeching support between building No. 9 and brick stack to be fireproofed by encasing in concrete.
10. Building to be equipped with automatic sprinklers if desired.

11. All vessels in building and buried storage tanks outside buildings to be provided with steam scavenging and fire extinguishing lines.

Yours truly

THE VAN IDERSTINE COMPANY.

(Signed) A. M. HAYES,

President.

(Signed) JOHN M. BAKER,

Architect and Applicant.

and

WHEREAS, these premises were the subject of an inspection by a committee of the board and the board deemed that the appeal should be granted on certain conditions; and

WHEREAS, this appeal was granted by the board July 19, 1935 on certain conditions; and

WHEREAS, the applicant under date of November 29, 1935 requested an amendment to the resolution to permit the revision of the memorandum proposal previously submitted on July 18, 1935 as follows:

A—Omit fusible links for all doors, monitors sash and skylights;

B—Permission to remove brick stack and breeching;

C—Permit five 6,000 gallon storage tanks in place of one 6,000 gallon and two 12,000 gallon tanks;

D—Permit the sill height of 6" (amended at hearing Dec. 3, 1935) above floor which forms a storage basin within building for 5,000 gallons; two of the three tanks only will have liquid contents of 4,500 gallons each, the third tank contents being in the process of drying, therefore, this capacity of 5,000 gallons is more than 50% of liquid contents;

E—Permit the monitor to extend on each end and the installation of four galvanized iron skylights glazed with thin glass with wire protection screens under same

F—Permit the installation of new steel sash on the north side of building and sill to be 20 feet above floor of building;

All as indicated on revised plans and sections filed November 30, 1935.

Resolved, that the decision of the fire commissioner, rendered June 5, 1935, and the decision of the commissioner of buildings, dated June 18, 1935, under App. No. 2337-35, be and they hereby are modified and that the appeal be and it hereby is granted, permitting the installation of five storage tanks for gasoline of 6,000 gallon capacity each, on condition that these tanks shall be installed underground in accordance with the requirements of the Code of Ordinances, except, however, that the vent stack from each tank shall be carried up above the roof of the "degreasing" building; that any sewer line in the immediate area where these tanks are installed shall be completely removed or stopped off at a point not less than 20 feet from any tank; that the building in which gasoline or similar solvents for "degreasing" are used, as indicated on plans filed with this appeal, shall be reconstructed in accordance with the memorandum, dated July 18, 1935, filed by the Van Iderstine Co., at hearing July 19, 1935, as amended by plan and memorandum filed Nov. 30, 1935, except that the windows in the Monitor roof skylight and additional skylight proposed need not be glazed with wire glass or provided with fusible links and the doors also need not be provided with fusible links but shall be self closing and provided, also, that the building shall be protected with such additional portable fire extinguishing equipment as the fire chief and commissioner may require; that all wiring for light and power shall be in accordance with the code for hazardous locations with all outlets of the vaporproof type; that the building shall be protected with automatic sprinklers in addition to the steam scavenging and fire extinguishing system; that the steam protection shall be controlled by a valve on the exterior of the building and properly marked "steam extinguisher for fire use only"; that there shall be available at all times, night and day, high pressure steam supply of not less than 100

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pounds; that all apparatus shall be electrically grounded to the satisfaction of the fire chief and commissioner; that any extractor when not in use shall be completely emptied of gasoline; that when the plant is not in operation, all gasoline shall be removed from the equipment and stored in the underground tanks; that the plant shall at all times, for the full 24-hours, be subject to watchman's supervision; that the operator of this degreasing plant shall hold a certificate of fitness issued by the fire chief and commissioner.

APPLIANCES SUBMITTED FOR APPROVAL

313-35-SA.

APPLICANT—Peoples Oil Burner Co., owner.

SUBJECT—Peoples Silent Oil Burner, Models O and G, approval of.

APPEARANCES—

For Applicant: G. E. McDiffin.

ACTION OF BOARD—Application placed on Reserve Calendar and referred to engineer of board for report.

329-35-SA.

APPLICANT—Baker Perkins Co., Inc., owner.

SUBJECT—Baker Perkins Atomizing Type, Mechanical Draft Oil Burner, Types C and CD Controls, approval of.

APPEARANCES—

For Applicant: William Inch.

ACTION OF BOARD—Application placed on Reserve Calendar and referred to engineer of board for report.

221-34-SA.

APPLICANT—The Ohio Pattern Works & Foundry Co., owner.

SUBJECT—Metropolitan Curb Fill Box No. 138 for Gasoline, Approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application reopened and referred to engineer of board for report.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

325-34-SA.

APPLICANT—Diamond Oil Burner Manufacturing Co., owner.

SUBJECT—Diamond Range Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(325-34-SA)

WHEREAS, Diamond Oil Burner Manufacturing Co., owner, filed November 16, 1934, an application with the Board of Standards and Appeals, for approval of the device known as the Diamond Range Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner base is made of cast iron, having 2 concentric rings. Mounted upon these rings are 46-cylindrical shells made of perforated chromium steel, having a chromium content of 18 to 20 per cent. The outside diameter of the shells is $6\frac{3}{4}$ in. Each burner is equipped with a carbon leg and a pressed steel cover which fits over the top of the vaporizing shells. Individual pedestals support each burner and each pedestal is equipped with three levelling screws and a bolt for fastening same to the range. A 3-gallon metal tank supplies the oil to this model burner. This tank is mounted upon an oil reservoir which is of pressed steel and is mounted upon a substantial iron base, so constructed that it may be firmly fastened to the floor. The burner is equipped with metering valves of the "V" slot type, manufactured by the Wooster Taper Pin Company; .049 copper tubing is used to make all oil connections.

The operating principles involved in this burner, were tested and all the mechanism functioned as designed. It also recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval it is suggested that certain recommendations be carried out in their installation and incorporated on their instruction cards and that the approval of the board shall not be final until a copy of this instruction card is filed with the Board of Standards & Appeals and the Fire Department.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Diamond Range Oil Burner, for use in domestic installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length, same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.
3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Storage containers shall not be filled in same room when and where burner is in operation.
8. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
9. The device shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS

For Use in New York City

Under Cal. No. 325-34-SA

10. That the flue be provided with a suitable stack check to nullify down draft.

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11. The manufacturer or installer of this burner, shall within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
12. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

133-35-SA.

APPLICANT—The Monarch Engineering & Mfg. Co., owner.

SUBJECT—Monarch Industrial Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(133-35-SA)

WHEREAS, The Monarch Engineering & Mfg. Co., owner, filed, May 25, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Monarch Industrial Burner; and

WHEREAS, the device was submitted to the engineer of board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This burner consists only of a nozzle and is used for industrial purposes only. The burner consists essentially of an "E" shaped brass casting, the larger fitting of the casting is connected directly to the steam or air supply. Running through the horizontal end of the nozzle is an oil tip which is connected to the oil supply line. Mounted on the outside of the casting there is an oil regulating and shut-off valve. The oil pressure on this line varies from 50 to 60 lbs. and the air pressure on the burner varies from 8 oz. to 32 oz. per square inch. When the burner is in operation the air mingles with the oil and by the impact of the air with the oil, the latter is broken up into fine particles preparatory to combustion which occurs within a space of 3 to 4 inches beyond the orifice of the outer casting. With this burner it is necessary to use an interlocking device. At this particular installation a Fulton syphon valve was used. The operation of the interlocking device was tested by shutting off the air and it was found that at all times the syphon valve operated within 30 sec. to shut down the supply of oil to the burner.

As a result of this inspection and test it is recommended that this burner be approved for industrial installations when installed in accordance with the provision of the Oil Burner Rules adopted by the Board of Standards and Appeals, July 12th, 1935.

Resolved, that the Board of Standards and Appeals does hereby approve the devices known as the Monarch Industrial Oil Burner for use in industrial installations with fuel oil not heavier than No. 4, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

The burner shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
UNDER CAL. No. 133-35-SA.

157-35-SA.

APPLICANT—Benjamin Wetstone for Easyway, Inc., owner.

SUBJECT—Easyway Range Oil Burner, Models D27, D.C. 27, G27, and NG27, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of the board and bureau of combustibles, fire department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Murdock	4
Negative:	0
Absent:	0

THE RESOLUTION—

(157-35-SA)

WHEREAS, Benjamin Wetstone for Easyway, Inc., owner, filed June 18, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Easyway Range Oil Burner, Models D27, D.C.27, G27 and N.G.27; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The burner base is made of cast iron, having two concentric rings. Mounted upon these rings are four cylindrical shells made of perforated chromium steel, having a chromium content of 18 to 20%. The outside diameter of the shells is 6 3/4 inches. Each burner is equipped with a carbon leg and a pressed steel cover which fits over the top of the vaporizing shells. Individual pedestals support each burner and the pedestal is equipped with two levelling screws and a bolt for fastening same to the range. The model 27 is supplied with oil from a 2-gallon glass bottle equipped with a metal jacket, having two handles on it. The model 27T is supplied with oil from a 2-gallon metal tank. In all of these types of burners the oil reservoir is made of pressed steel and is mounted upon a substantial iron base which is so constructed that it may be firmly fastened to the floor. The flow of oil to the burner is controlled by "V" slot metering valve made by the manufacturer of the burner. The reservoir is equipped with an air vent which prevents flooding and with a clamp for firmly fastening either the bottle or the tank to the reservoir.

The operating principles involved in this burner were tested and all the mechanism functioned as designed. It is recognized in these burners the inherent possible hazards due to location and operation. In recommending these burners for approval, it is suggested that certain recommendations be carried out in their installation and incorporated on their instruction cards and that the approval of the Board shall not be final until a copy of this instruction card is filed with the Board of Standards & Appeals and the Fire Department.

Resolved, that the Board of Standards and Appeals does hereby approve the devices known as the Easyway Range Oil Burner, Models D27, DC27, G27 and NG27, for use in domestic installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. That no connection shall be made through any movable section of the range or stove in which this device is installed.
2. When exposed oil piping is more than 8 inches in length same shall be enclosed in iron or steel piping or BX cable. Such piping shall be securely

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fastened to the floors or walls with non-combustible fastenings as per Rule 7, 1A and 1B.

3. That the stand supporting the burners in the fire box of the range or stove shall be securely bolted to the bottom thereof.
4. That dampers in the fire box door of the range or stove shall be so fixed that they cannot be fully closed.
5. The oil supply container with its stand shall be firmly anchored to the floor and at a distance of at least 24 inches from the range or stove in which the device is installed.
6. Cracks or crevices between the combustion chamber and other parts of stove or range shall be effectively sealed with fire clay or other suitable approved material.
7. Storage containers shall not be filled in same room when and where burner is in operation.
8. Floor beneath oil burner device shall be protected by a shield of at least $\frac{1}{2}$ inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
9. The device shall bear a label permanently attached thereto reading as follows:

NOTICE

APPROVED BY THE
BOARD OF STANDARDS AND APPEALS
For Use in New York City
Under Cal. No. 157-35-SA

10. That the flue be provided with a suitable stack check to nullify down draft.
11. The manufacturer or installer of this burner, shall within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
12. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

APPEARANCES—

For Applicant: P. S. Lyons.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN AND AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commrs.
Savage and Blum and Assistant Chief
Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(228-33-SA)

WHEREAS, General Electric Co., owner, filed, June 21, 1933, an application for approval of their device known as the General Electric Oil Burner, Type DA-2; and

WHEREAS, this device was submitted to the fire department for test and report, and a report of the assistant chief of the Bureau of Combustibles, Fire Department, dated July 10, 1933, recommended the approval of this device; and

WHEREAS, this device was approved by the Board July 14, 1933, for use in steam heating furnace units and applicant requested approval for warm air heating furnace units; and

WHEREAS, the application was reopened by vote of the Board; and

WHEREAS, the report of the engineer of the Board, dated November 22, 1935, recommended the approval of the use of the General Electric Oil Burner Type DA-2 for use in warm air heating furnace units.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the General Electric Oil Burner, Type DA-2, for use in domestic, commercial and industrial installations in steam heating boilers, warm air heating plants, designed and built to operate with it as a unit and in industrial plants when installed in accordance with the oil burner rules of the Board of Standards and Appeals and the report of the assistant chief of the Bureau of Combustibles, Fire Department, and the engineer of the Board.

Adjourned, 4:25 p. m.

EDWARD V. BARTON, Chief Clerk.

SPECIAL NOTICE

There is now on display in one of the rooms in this Board a set of seven maps of the City of New York, covering the real property inventory report, prepared by

the Mayor's Committee on City Planning. If interested, these maps may be seen any week day and up to 12 o'clock on Saturdays.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain such

copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c.

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

PUBLIC HEARING

RULES GOVERNING THE USE OF EQUIPMENT FOR SPRAYING OF PAINTS, VARNISHES, LACQUERS AND OTHER FLAMMABLE SURFACE COATINGS

ADOPTED BY THE BOARD OF STANDARDS AND APPEALS JUNE 10, 1932.

[353-30-SR]

NOTICE IS HEREBY GIVEN that a public hearing will be held by the Board of Standards and Appeals on Friday, December 13, 1935, at 10 a. m., Room 1013, Municipal Building, on Proposed Revision of the Rules governing the use of equipment for spraying of paints varnishes, lacquers and other flammable surface coatings.

Matter in *italics* is new; matter in brackets [] old matter to be omitted.

Authority:

Pursuant to the authority vested in the Board of Standards and Appeals by Section 718-A, subdivision 3 of Chapter XIV-A of the Charter of the City of New York for the carrying into effect the provisions of Chapter 10, Article XV of the Code of Ordinances.

Rule 1.

Application

[These rules shall apply to every establishment engaged in applying, by the spray method, paints, varnishes, enamels, lacquers, stains or similar flammable materials in excess of two quarts a day on manufactured or fabricated articles.]

1A. No person, firm or corporation shall SPRAY or DIP any article or thing within the City of New York with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes except in a spraying or dipping space equipped with mechanical means of ventilation conforming to these rules.

PERMIT. No person, firm or corporation shall store within the City of New York any paints, varnishes or lacquers or other substances, mixtures or compounds commonly used for painting, varnishing, staining or other similar purposes, in quantities greater than TWENTY (20) GALLONS without a permit (Sec. 200, Art. 15, Chap. 10, Code of Ordinances).

APPLICATIONS. Application for the required permit to store and use the above-mentioned articles shall be made to the fire chief and commissioner on forms prescribed by him and shall contain such information as he may require. When a spray, dipping, storage or mixing room is to be installed, plans shall be filed with the administrative official having jurisdiction for examination and approval.

1B. RESTRICTIONS. No spraying or dipping of any article or thing within the City of New York with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes shall be carried on/or in any premises or portion thereof.

A—Which is occupied as a Class A or B Multiple Dwelling or a dwelling for one or two families.

B—Which is artificially lighted by any means other than electricity.

C—Which, if heated, shall be limited to the use of steam or hot water circulating systems; heating units approved by administrative officials having jurisdiction for use in certain types of occupancies also hot air systems satisfactory to the administrative official having jurisdiction.

Rule 2.

Definitions

[1. The term "spray booth" shall include the following:

(a) "Cabinet booth" shall mean a compartment, provided with a back, top and two sides, equipped with air exhaust facilities, located within a room or section of an establishment, and in which spray coating is carried on.

(b) "Canopy booth" shall mean an installation consisting of an overhead exhaust system, of the canopy type, without side or end panels enclosing the object sprayed, and under which canopy spray coating operations are carried on.

(c) "Tunnel booth" shall mean a compartment consisting of two sides and top, equipped with air exhaust facilities and in which spray coating is carried on.

2. The term "spray room" shall mean a fully enclosed room within the exterior walls, or the area between fire walls. This definition shall not include a room equipped with spray booths wherein all the spray coating operations are carried on within the booths.

3. Fireproof or fire-resisting partitions shall be constructed as required by the Labor Law and the Rules of the Board of Standards and Appeals for factory buildings. All openings to be equipped with self-closing, fireproof doors.]

a. The term "SPRAY or SPRAYING SPACE" when used in these rules shall mean that portion of the premises used for the actual work of spraying any article or thing with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes in any booth or room approved by the administrative official having jurisdiction.

b. The term "DIPPING SPACE" when used in these rules shall mean that portion of any premises wherein any article or thing is either dipped or spread by any paints, varnishes, lacquers or any other substances, mixtures or compounds, commonly used for painting, varnishing, staining or similar purposes which has been approved by the administrative official having jurisdiction.

c. The term "CABINET BOOTH" when used in these rules shall mean a compartment with a back, top and two side equipped with air exhaust facilities, located within a room or any portion of any premises where spraying with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

d. The term "CANOPY BOOTH or HOOD" when used in these rules shall mean an installation consisting of a metal canopy or hood, without any side or end panels enclosing the object sprayed and an air exhaust system under which spraying with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

e. The term "TUNNEL BOOTH" when used in these rules shall mean a compartment consisting of two sides and top, equipped with an air exhaust system in which spraying with any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

f. The term "SPRAY ROOM" when used in these rules shall mean a fully enclosed room as approved by the administrative official having jurisdiction in which any article or thing is sprayed by any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

g. The term "DIPPING ROOM" when used in these rules shall mean a fully-enclosed room as approved by the administrative official having jurisdiction in which any article or thing is dipped or spread by any paints, varnishes, lacquers or any other substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes is carried on.

h. The term "FIREPROOF or FIRE-RESISTING PARTITIONS" used in these rules shall mean the stand-

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ards set in the Labor Law and the Rules of the Board of Standards and Appeals for factory buildings. All openings in this type of partition shall only be equipped with self-closing, fireproof doors.

i. The term "STORAGE ROOM" when used in these rules shall mean a fully-enclosed room as approved by the administrative official having jurisdiction and used for the storage and mixing of any paints, varnishes, lacquers or any substances, mixtures or compounds commonly used for painting, varnishing, staining or similar purposes.

j. The term "CERTIFICATE OF FITNESS" when used in these rules shall mean the written permission granted a particular person by the fire chief and commissioner to discharge certain duties in the supervision and handling of certain substances peculiar to his business under such conditions as he may prescribe.

k. The term "PERMIT" when used in these rules shall mean the written permission of the fire chief and commissioner issued to a certain person, firm or corporation to store and use certain combustible, inflammable or explosive articles incident to their business under conditions prescribed by him according to law.

Rule 3. Ventilation

- (a) No spray coating of manufactured or fabricated articles shall be carried on in any part of an establishment except in spray booths or in spray rooms, as defined above.
- (b) Cabinet booths shall be equipped with an air exhaust system which will provide an air velocity of not less than one hundred (100) lineal feet per minute averaged over the frontal area of the spray booth.
- (c) Spray rooms shall be equipped with an air exhaust which will provide not less than sixty (60) changes of air per hour in the spray room.
- (d) All types of spray rooms and booths shall be equipped with an air exhaust system of sufficient capacity to prevent the accumulation of mist or vapors within such enclosures.
- (e) Air shall be admitted to the spray booth or spray room in an amount substantially equal to the capacity of the fan or fans used for exhausting air from said booth or room; windows or other openings not used for ventilation shall be kept closed during the process of spray coating. Exhaust fans shall be kept running constantly while spraying or mixing and for a sufficient length of time thereafter to exhaust all vapors, fumes or residues of spraying materials from the spray booth or spray room.]

Spraying or dipping spaces shall be ventilated when in operation so that the movement of air shall be at least one hundred (100') linear feet per minute in the breathing zone of the operator and be of sufficient capacity to prevent the accumulation of mist or vapors.

Air shall be admitted to the spraying or dipping spaces in an amount equal to the capacity of the fan or fans and in such a manner as to avoid short-circuiting the path of air in the working zone of such spaces.

EQUIPMENT. Motors shall be located outside of spraying or dipping spaces so that no inflammable vapors can reach them.

Rule 4.

Specifications for Spray Booths [and] Spray Rooms and Dip Rooms.

- (a) Spray booths shall be constructed of metal or other incombustible material satisfactory to the administrative official.

- (b) Air distributing or baffle plates, if used, shall be of incombustible material and removable for cleaning.
- (c) The inner side of walls, ceiling and floor shall be as smooth as practicable, in order to facilitate cleaning; when constructed of ferrous metal such surfaces, inside the booth or room, shall be thoroughly painted or galvanized.
- (d) Exhaust ducts for spray booths or spray rooms shall be constructed of material not less than the following U. S. Standard gauges, viz.:
When of diameter of 24 inches or less, 22 gauge.
When of diameter of over 24 inches and not over 36 inches, 20 gauge.
When of diameter of over 36 inches, 18 gauge.
- (e) Ducts shall be strongly erected and rigidly supported.
- (f) Motors shall be located outside of ducts, booths or spray rooms so that no inflammable vapors or residues can reach them.
- (g) If induced draft is used to create an air movement within cabinet or tunnel types of spray booths or spray rooms, the air shall be supplied from a point outside of the spray booth or spray room with fans and motors entirely outside of the spray booth or spray room.
- (h) The exhaust system for the removal of vapors or residues of spraying materials from the spraying equipment shall not be connected with any other ventilating system or discharged into a chimney or flue used for the purpose of conveying gases from heating elements.

Ventilating duct shall run as directly as practical to the outer air and be protected with a hood. When not terminating above the roof the exhaust terminal in addition shall be protected with a fire screen of copper or bronze with a mesh not larger than $\frac{1}{2}$ inch. When passing through a non-fireproof roof the duct shall be constructed double with a 1-inch air space. The outer pipe shall be not less than 2 inches from any woodwork which shall be covered with metal. Ventilating ducts terminals shall be not less than 15 feet from any window opening, exterior exit, chimney termination or unprotected air intake, unless exhausting on the front of a building or where there are openings in a direct line less than 30 feet from any opening in any other building.

- (i) Exhaust fan blades shall be constructed of non-ferrous metal. All exhaust and ventilating fans to be permanently connected to their source of current supply, using metallic conduit. Rheostats in fan bases not permitted.
- (j) All electrical wiring shall be enclosed in metal conduits.
- (k) Artificial lighting shall be by electricity only. Fixtures to be of the rigid stem type, enclosing all wiring and equipped with vaporproof globes and keyless sockets.
- (l) No motors, switches, rheostats, lamps or other electrical equipment shall be located in spray rooms or within 10 feet from any spray compartment or spray booth unless such electrical equipment is of a type approved for use in explosive atmospheres. Motors located within 10 feet of a spray booth may be of the standard totally enclosed type, or of the open induction type, having no brushes, make and break contact, collectors or other arcing or sparking parts.

All flame or spark producing machinery within a floor area, wherein spray coating is carried on shall be discontinued or enclosed by partitions constructed fireproof or fire-resisting. This rule

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shall not exclude the use of the indirect type of bake ovens, provided the flame compartment is separately enclosed, taking air from outside of the room wherein spray coating is carried on and where adequate ventilation can be provided.

- (m) All electrical equipment shall be installed and grounded as provided by the National Electrical Code (Art. 32) and permanently connected to their source of current supply, using metallic conduit. No receptacle pin plugs permitted.
- (n) Artificial heating shall be limited to the use of steam or hot water circulating system or hot air systems satisfactory to the administrative official.]

A. Spray booths shall be constructed of metal or incombustible material satisfactory to the administrative official having jurisdiction, be adequately ventilated with mechanical ventilation and if lighted be in conformity with these rules. The necessary fire protection shall be maintained at all times.

Spray and dip rooms shall be constructed of fireproof or fire-resisting partitions with waterproof floors, adequately ventilated by mechanical means, equipped with the necessary fire protection and if lighted and heated in conformity with these rules.

Panels of polished wired glass or plate glass at least one-quarter of an inch ($\frac{1}{4}$) thick, not exceeding seven hundred and twenty (720) square inches in area and not more than forty-eight inches (48") in any linear dimension may be used in the sides of a spray booth or room.

The inner sides of walls, ceilings and the floors of all spraying or dipping spaces shall have a smooth surface.

All openings in spray or dip rooms shall be protected by fireproof doors and windows.

Ferrous metal used in the construction of spraying or dipping spaces shall be thoroughly painted on the inside or be galvanized.

All spraying or dipping spaces shall be so constructed that a reasonable length longer is maintained than required for the article or thing to be sprayed or dipped. Ferrous metal shall not be used for such floor surface.

At least three (3) feet of clear working space shall always be maintained for each operator spraying or dipping any article or thing.

B. SPECIFICATIONS FOR DUCTS, PIPES AND FANS.

All ducts used for ventilating spray or dip spaces shall be constructed of metal of not less than the following gauges of metal.

Ducts twenty-four (24") inches or less in diameter No. 22 gauge.

Ducts over twenty-four (24") and not over thirty-six (36") inches in diameter No. 20 gauge.

Ducts exceeding thirty-six (36") inches in diameter No. 18 gauge.

Ducts shall be strongly constructed and be installed in a workmanlike manner. They shall be rigidly supported.

Ventilating ducts shall run as directly as practicable to the outer air and be protected with a hood against the weather. When not terminating above the roof the exhaust terminal or hood shall also be protected with a screen of copper or bronze with a mesh not larger than one-half ($\frac{1}{2}$ ") inch.

Where a duct passes through a non-fireproof roof, the duct shall be protected at such point by an outer pipe or sleeve with an air space of at least one inch (1") between the sleeve and duct. The outer pipe shall be not less than two (2") inches from any woodwork and such woodwork shall be covered with metal.

Ventilating ducts shall not terminate within fifteen (15) feet of any window opening, exterior exit, chimney termination or an unprotected air intake, unless exhausting on the front of a building or where there are openings in a direct line less than thirty feet from any opening in any other building line.

If induced draft is used to create an air movement, the air shall be supplied from a point outside the spray or dip space. Fans and motor must be located outside the spray or dip space.

The exhaust system from any spray or dip space shall not be connected to any other ventilating system or be discharged into a chimney or flue used for the purpose of conveying gases of combustion.

Exhaust fan blades shall be constructed of non-ferrous metal. All exhaust and ventilating fans to be permanently connected to their source of power, using metallic conduit. Rheostats in fan bases not permitted.

C. SPECIFICATIONS FOR STORAGE ROOMS. Storage rooms shall be constructed of fireproof or fire-resisting partitions with waterproof floors and be adequately ventilated by either natural or mechanical means. The heating and lighting systems shall be in conformity with existing laws and ordinances.

SPECIFICATIONS FOR STORAGE CABINETS. Storage cabinets shall be constructed of either single wall metal cabinets or wooden cabinets covered with metal on both sides. Doors on all cabinets shall be of the hinged type and be self-closing.

D. No motors, switches, rheostats, lamps or other electrical equipment shall be located in or within ten (10) feet of any spraying or dipping space unless it be of a type approved for use in explosive atmospheres. Motors located within ten (10) feet of a spraying or dipping space may be of the standard totally enclosed type or of the open induction type, having no brushes, make and break contact, collectors or other arcing or sparking parts.

All flame or spark producing machinery on the same floor containing a spraying or dipping space must be enclosed in fireproof or fire-resisting partitions. This rule shall not exclude the use of the indirect type of bake ovens, provided the flame compartment is separately enclosed, taking air from outside of the room wherein the spray or dip space is located, and that adequate ventilation has been provided. Artificial lighting shall be only by means of electricity.

All electrical equipment shall be installed and grounded as provided by the National Electrical Code (ART 32) and permanently connected to their source of current supply, using metallic conduit. No receptacle pin plugs shall be used. All electrical wiring shall be enclosed in metal conduits.

Lighting fixtures located in a spray or dip space shall be of the rigid stem type, enclosing all wiring and be equipped with keyless sockets and vapor-proof globes with wire guards.

Any lighting sockets within ten (10) feet of any opening of a spray or dip space shall be of the keyless type.

Rule 5.

[Maintenance and Fire Protection.]

- (a) The plant superintendent, foreman or other person in charge of spray booth or booths, storage or spraying materials, exhaust system, etc., shall secure a certificate of fitness from the administrative official.

This person shall properly instruct all employees as to the hazards of their work and advise as to their responsibility for cooperation in complying with these rules. Every employee shall be responsible for all rules or parts of rules which immediately concern or affect his conduct or the safety of himself or others.

- (b) No motor vehicles shall be taken in or out of a spray booth or spray room under its own power.
- (c) All exhaust fans shall be inspected at least once each week; defects shall be repaired at once or operation of fan discontinued until properly repaired.

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- (d) Spray rooms, booths, fans, ducts, and other equipment shall be cleaned frequently and maintained in clean and efficient working condition; lacquer spraying booths shall be wet down before cleaning.
- (e) Brooms, brushes or other cleaning implements made of ferrous metals shall not be used in order to avoid sparks.
- (f) Accumulation of waste, sweepings or deposits from cleaning spray rooms, booths, etc., waste paper, taping or other inflammable refuse is prohibited. All such refuse shall be placed in metal receptacles with proper self-closing covers. The contents of such cans shall be removed from the building at the close of work each day.
- (g) No person shall smoke or carry a lighted cigar, cigarette, pipe or match within any room, enclosed space, cellar, basement or any part of any premises in which highly combustible or inflammable material is maintained, stored or kept for use or sale (Extract from Section 27, Chapter 12 of the Code of Ordinances).
- (h) Every spray room or spray booth shall be equipped with approved fire extinguishing appliances suitable for paint and lacquer fires. At least one standard sand pail shall be provided for each 100 square feet of booth area or area of spray room or extinguishers of the soda-acid, foam, CO-2, or other approved type may be provided, one for each 300 square feet of booth or spray room area. Where the spraying hazard is extensive, mounted type of extinguishers shall be provided as may be required by the administrative official.
- (i) The interior of all booths installed in sprinklered buildings shall be provided with sprinkler heads supplied from an approved source of supply.]

MAINTENANCE AND OPERATION.

a. Every premises wherein a spraying or dipping space is maintained and operated shall be continuously under the charge and supervision of one or more persons holding a certificate of fitness, whose duty shall be to see that the spraying and dipping space rules and the terms of the permit are not violated. No other duties shall interfere with the enforcement of these rules.

b. Smoking and the carrying of matches, lighted cigars, cigarettes or pipes in or in the vicinity of spray or dip space is prohibited. (Sec. 8, Art. 1, Chap. 10, of the Code of Ordinances.)

c. No person, including operator, shall be permitted within a spray space between the spray gun and the exhaust outlet while the spray gun is in use.

d. Spraying and dipping spaces and its surroundings shall be kept clean at all times and shall be kept clear of all materials, equipment and utensils not required in the operation of the spray. Side walls, ceilings, baffle plates, etc., shall be sprayed with soap and water solution, before cleaning, or cardboard or masking paper can be fastened before any operation and after said operation be removed from the premises in approved waste cans.

e. Floors within and surrounding spray and dip spaces shall be kept clean and free from waste material at all times.

f. Implements used for clearing shall be made of non-ferrous material to avoid sparks.

g. Metal waste cans with self-closing covers shall be provided for all spraying and dipping spaces and storage rooms. The number to be installed shall be determined by the administrative official having jurisdiction.

h. Approved fire appliance shall be installed in all spraying and dipping spaces and in storage rooms as may be determined by the administrative official having jurisdiction.

i. Accumulation of inflammable waste, sweepings or deposits from spray and dip spaces is prohibited. All such

waste shall be placed in approved waste cans and be removed from the premises at the close of work each day.

j. All sand papering of lead painted surfaces shall be done with wet sand paper.

k. No motor vehicle shall be taken into or out of a spray space under its own power. Batteries shall be disconnected during the process of spraying.

Rule 6.

Storage and Mixing

- (a) Main supplies of spray coating materials and thinners shall be kept in an outside storage building, storage rooms or in vented metal cabinets in accordance with the following amounts:
- (b) Spraying materials not in excess of 20 gallons shall be stored in metal cabinets or wood cabinets, metal covered on both sides including the door. All cabinets to be ventilated at top and bottom.
- (c) Spraying materials in excess of 20 gallons and not exceeding 40 gallons shall be stored in double-walled metal cabinets vented directly to the outer air.
- (d) Spraying materials in excess of 40 gallons shall be stored in a separate exterior storage building of fireproof or fire-resisting material with ventilated plain glass skylight or in a storage room constructed fireproof in a fireproof building or fire-resisting in a non-fireproof building. Storage rooms shall be located at exterior wall window opening, window openings to be fireproofed and lower half provided with open louvres or ventilated by metal duct or fan at least 8 inches in diameter. The floors of all storage rooms shall be waterproof up to a height of at least 6 inches from the floor and be properly pitched for drainage purposes to a low point within the enclosure. The sill of the door shall be at least 6 inches above the finished floor. All doors to be tin-clad, approved, fireproof and self-closing.
- (e) In sprinklered buildings all storage rooms shall be provided with an automatic sprinkler head for each 80 square feet of floor area.
- (f) Storage rooms shall be sprinklered in non-sprinklered buildings and supplied from house supply tanks or house lines, as described in Rule 53 of the Sprinkler Rules.
- (g) The maximum amount of spraying materials to be stored in a storage room of a non-fireproof building shall be determined by the administrative official.
- (h) Mixing or thinning of coating materials shall be conducted in a storage building or storage room, except that containers of total capacity not exceeding ten gallons may be opened and their contents mixed in the spray room or room in which booths are located while the air exhaust system is operating.
- (i) Supplies sufficient for not more than one day's work but not exceeding twenty gallons in total to each booth, may be kept in the spray room or room in which spray booths are located; covers of containers must be kept thereon when such containers are not actually in use. This amount is in addition to the amount allowed in Subdivision k of Rule 6.
- (j) Gravity feed material containers for supplying spray guns shall not exceed ten gallons in capacity and shall be supported by wire cables or metal brackets having a factor of safety of two when filled with the heaviest spraying materials used.
- (k) Pressure feed tanks and other equipment for use in connection with direct spraying under air pressure shall be restricted to tanks of not more

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than sixty gallons, individual capacity, designed, constructed and approved for this specific purpose by the Board of Standards and Appeals. Each tank shall be provided with a safety valve set at a pressure not exceeding eighty pounds. All gravity feed containers and other spraying equipment shall be approved as above.

- (1) The installation of all electrical wiring, switches, lighting and all other electrical equipment, and the provisions of these rules against carrying matches or smoking and prohibiting flame or spark-producing devices, shall also apply to storage or mixing rooms.]

a. *STORAGE.* Spraying and dipping materials not in excess of one hundred (100) gallons shall be stored in cabinets ventilated at top and bottom. See Sect. 235, Subdiv. 8, Art. 19, Chap. 10, Code of Ordinances. limiting amount to 25 gallons in a building in which nitro cellulose is manufactured, stored or kept.

b. Spraying and dipping materials exceeding one hundred (100) gallons and not in excess of two hundred (200) gallons shall be stored in cabinets vented to the outer air.

c. Spraying and dipping material exceeding two hundred (200) gallons shall be stored in a storage room constructed and maintained as determined by the administrative official having jurisdiction. The maximum amount of spraying materials to be stored or used in any premises or portion thereof, regardless of the construction of building shall be specified in the permit.

d. *MIXING.* Mixing or thinning of spraying or dipping materials shall only be done in a storage room. Where no storage room has been provided all mixing or thinning shall be done within the spraying or dipping space or spaces and that containers of total capacity not exceeding ten (10) gallons shall only be opened at one time.

e. Gravity feed material containers for supplying spray shall not exceed ten (10) gallons in capacity and shall be supported by wire cables or metal brackets having a factor of safety of two when filled with the heaviest spraying materials used.

f. Pressure feed tanks and other equipment for use in connection with direct spraying under air pressure shall be restricted to tanks of not more than sixty (60) gallons individual capacity, designed, constructed and approved for this specific purpose by the Board of Standards and Appeals. Each tank shall be provided with a safety valve set at a pressure not exceeding eighty (80) pounds. All gravity feed container and other spraying equipment shall be approved as above.

g. Sprinkler heads shall be provided in all spray and dip spaces and storage rooms if located in sprinklered buildings and be installed in accordance with the Sprinkler Rules of the Board of Standards and Appeals.

h. Sprinkler in spray and dip spaces shall be cleaned at least once a week under the supervision of the person holding the certificate of fitness and a coating of light grease or vaseline shall be applied after each cleaning to prevent the formation of a hard deposit and render the sprinkler useless in case of a fire. The use of paper bags or other materials about sprinkler heads is prohibited.

Rule 7.

General Requirements

Every person, firm or corporation operating a spray or dip space shall provide respirators for the use of their employees of a type recommended by the Industrial Board of the Department of Labor of the State of New York.

Notice—Attention is called to the provisions of the Code of Ordinances as to violations reading as follows:

Section 300, Article 26, of Chapter 10, of the Code of Ordinances, "Any person who shall wilfully violate or neg-

lect or refuse to comply with any of the provisions of this chapter in addition to any other penalties prescribed by law or ordinance shall, upon conviction, be punished by a fine of not more than \$500 or by imprisonment not exceeding 6 months, or by both such fine and imprisonment."

[NOTE:—The principal cause of fires in spray-booth installations are: broken electric lamps and other electrical defects; cleaning the interior of booths, fans and motors with highly flammable solvents; accumulation of deposits in the tubes and vent pipes from neglect in cleaning them frequently; unnecessary accumulation of waste and refuse, smoking and a general lack of cleanliness.

- (a) "No Smoking" signs, with letters at least 2 inches in height, shall be posted in all spray rooms and paint storage rooms or building.
- (b) No combustible material shall be stored or maintained within 15 feet of any spray booth.
- (c) All stock shall be arranged so as not to interfere with the operation of automatic sprinkler heads.]

Rule 8.

Existing Spray Booths and Installations

These rules shall be retroactive in the following respects:

Rule 1B. Heating of Rooms

Rule 3.

- [Subdivision D]—Air Exhaust System.
- [" E]—Air Supply and Mixing.

Rule 4.

- Subdivision A —Constructions of Spray Booths.
- [" B —Construction of Baffle Plates.]
- [" C]—Cleaning of Booths.
- [" [E] B—Maintenance of Duct Supports.
- [" [F] D—Location of Motors.
- [" [G] B—Method of Induced Draft.
- [" [H] B—Termination of Ventilating System.
- [" [K] D—Electric Lighting.
- Subdivision [L] D—Separation of Booths, etc., from flame and sparks.
- [" [M] D—Electrical Equipment.
- [" N—Heating of Rooms.]

Rule 5.

- Subdivision A—Certificate of Fitness.
- [" [B] K—Motor vehicles, in booths or rooms.
- [" C—Maintenance of Exhaust fans.]
- [" D—Maintenance of Equipment.
- [" [E] F—Cleaning Implements.
- [" [F] I—Accumulation and Disposal of Waste Materials.
- [" [G] B—Smoking, Matches, etc.
- [" H—Fire Appliances.

Rule 6.

- Subdivision A—Storage of Spraying Materials.
- [" B—Storage of Spraying Materials less than [20] gallons.
- [" C—Storage of Spraying Materials not exceeding [40] gallons.
- [" D—Storage of Spraying Materials exceeding [40] gallons.
- [" G—Maximum Storage in non-fireproof buildings.]
- [" [H] D—Spray room or booth mixing.
- [" I—Supplies allowed in booth.]
- [" [I] C—Gravity Feed containers.
- [" L—Smoking, matches, in mixing room.

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NOTE:—Subdivisions A, B, C and D may not be applied in fireproof buildings equipped with an approved existing automatic sprinkler system where the general conditions of cleanliness are properly maintained at all times.

Rule 7.

[Subdivision A—Posting “No Smoking” signs.
“ B—Clearance of combustible materials.
“ C—Clearance of Automatic Sprinkler heads.]

Rule 9.

Approval Forms and Plans

There shall be filed before installation with the adminis-

trative official by the purchaser (or by the seller thereof) an application form on sheet 8 inches by 10 inches, which form shall give the proper name and address or booth user and also the floor on which the booth or booths are to be installed. An ink drawing of the floor upon which the booth will be located shall be submitted on the form sheet; such drawing shall show by feet and inches the location of exits, chimneys and booths.

When a storage and mixing room is to be installed, plans drawn to a scale of at least 1/16 of an inch to a foot shall be filed with the administrative official for examination and approval. Such plan shall show on the floor plan the location of all booths, storage and mixing rooms, exits and all chimneys and exterior openings within 15 feet of the storage rooms and vent ducts.]

APPROVED APPLIANCES

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

Name of Burner	Calendar No.	Name of Burner	Calendar No.
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly	250-34-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Aetna Range Oil Burner	29-35-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Air-O-Flame Space Heater, Models 108 and 810 (pot type)	190-35-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Air-O-Flame Space Heater, Models 71, 91, 1572 and 1582 (sleeve type)	206-35-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Air-O-Flame Range Burner	236-34-SA	Majestic Range Oil Burner, Models 27B and 27T	180-35-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	National Range Oil Burner	361-34-SA
Bland Range Oil Burner.....	234-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	Odin Beauty (Space Heater), Models 61, 62, 91 and 92	233-35-SA
Champion Range Oil Burner, Models A and B	291-34-SA	Putnam Range Oil Burner	54-35-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Quaker Burnoil Stove	11-31-SA
Ellington Range Oil Water Heater, Models M and J	40-35-SA	Quick Meal Range Burner	304-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe.....	311-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fairfax Range Burner	302-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Florence Oil Space Heater, Models PH-28 and PH-8	172-35-SA	Serv-Well Range Oil Burner, Models 27B and 27T	165-35-SA
Florence Range Burners	219-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Fox Range Oil Burner.....	200-34-SA	Silent Heat Oil Burner for Ranges and Stoves	592-32-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Superfex Oil Burning Heater and Heat Projector, Model No. 1051	491-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Tower Range Oil Burner	126-33-SA
Kolrid Range Burner	48-34-SA	Vap-R-Oil Oil Burner for Ranges and Stoves	592-32-SA
Kres-Kno Range Oil Burner, Model MD. Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275	329-34-SA
Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA	Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA
Loyalty Range Burner	302-34-SA	Viking Range Water Heater, Models 222, 232 and 242	65-35-SA

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OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals
June 15, 1934, as Amended July 12, 1935, and as
Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS—Oil burner installations in buildings, other than dwellings when used for heating and generation of power for use on premises.

CONTROLS—Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS—Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND—An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS—Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieving pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range Oil	SP.	Gr.	(A. P. I.)	40-44°
No. 1 Fuel Oil	"	"	"	36-40°
No. 2 " "	"	"	"	32-36°
No. 3 " "	"	"	"	28-32°
No. 4 " "	"	"	"	24°+
No. 5 " "	"	"	"	18°+
No. 6 " "	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 33 in.

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. in diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tanks as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material. All such tanks shall be electrically grounded.

(e) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

Correction—paragraph (d) eliminated, covered by Rule 5, section 1 and Rule 10, section 3; paragraph (e) change to (d) and portion, covering thickness of shell, eliminated, covered by Rule 5, section 1; paragraph (f) change to (e).

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1 (b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20') feet of any wall, separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter (1¼) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon	16,000 gallons
If distant 30 feet	24,000 "
If distant 40 feet	36,000 "
If distant 50 feet	48,000 "
If distant 60 feet	60,000 "
If distant 75 feet	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity of not less than one and one-half (1½) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth (¼) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half (1½) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unperiered. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half (1½) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valve in the line of relief.

Section 3. Vent Pipe.

(a) An open vent of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches (1¼") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than ½ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tanks is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

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Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any none-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft. in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimension of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rule 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impracticable to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

RULES

FIRE RETARDING RULES FOR GARAGES, ETC.

Adopted by the Board of Standards and Appeals Aug. 30, 1917; Amended Nov. 1, 1917, and Feb. 3, 1922.

Rule 1. Fire Retarding Materials for Garages, Motor Vehicle Repair Shops and Oil Selling Stations. In garages, motor vehicle repair shops and oil selling stations any material or form of construction shall be deemed fire-retarding within the meaning of §73, subdivision 3, of the building code, that resists the action of flame and heat when subjected to a continuous fire for one hour at an average temperature of seventeen hundred (1700) degrees Fahrenheit without the passage of flame, and with a maximum temperature rise to four hundred (400) degrees Fahrenheit on the side away from the fire. The point at which the temperature of transmitted heat is measured shall be protected from external air and weather conditions.

When the test specimen is in the form of partition construction, the area under test shall be not less than one hundred (100) square feet and least dimension shall be not less than nine (9) feet. When in the form of floor construction, the area under test shall be not less than two hundred (200) square feet and the least dimension shall be not less than fourteen (14) feet.

During the fire, the floor construction shall support the live load for which it is designed, and after the fire shall safely sustain twice the designed live load with a maximum deflection of not more than one two-hundredth (1/200) part of the span.

Rule 2. Wood Joisted Floor Construction. Wood jointed floor construction shall be accepted as fire-retarding construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations when the beams are protected on the upper and under sides with the fire-retarding materials specified in rules for floor and ceiling coverings.

Rule 3. Floor Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the upper sides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations.

(a) Seven-eighths ($\frac{7}{8}$) inch wood underflooring protected with a membrane of two-ply waterproofing covered with not less than two and one-half ($2\frac{1}{2}$) inches of 1:2½:5 concrete or better, reinforced with not less than one-fourth ($\frac{1}{4}$) of one (1) per cent of steel mesh;

(b) Two and one-half ($2\frac{1}{2}$) inches of 1:2:4 concrete applied directly to the top of the joists, with or without temporary support, reinforced with not less than one-fourth of one per cent steel rods, mesh or steel lath, and having the tops of the joists coated with approved waterproof paint or protected by tar paper on the top and on the sides for a distance of three inches from the top.

Rule 4. Ceiling Covering. Any one of the following forms of construction shall be accepted as fire-retarding for the covering of the undersides of wood floor beams in joisted floor construction in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations:

(a) One-half ($\frac{1}{2}$) inch plaster boards, or three-eighths ($\frac{3}{8}$) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers;

(b) Two thicknesses of one-quarter ($\frac{1}{4}$) inch asbestos board laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the

floor beams are more than sixteen (16) inches on centers;

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($\frac{3}{4}$) inch thick.

Rule 5. Attachment to Ceiling. Fire-retarding ceilings in non-fireproof buildings used as garages, motor vehicle repair shops or oil selling stations shall be attached to wood floor beams and girders in such manner as to maintain an air space between the wood beams and all wood beams shall be seasoned before applying the protective coat.

Rule 6. Openings in Fire-Retarding Floors. Pipes or conduits which pass through floors shall be fitted with metal thimbles and made watertight for a height of three (3) inches above the floor.

Rule 7. Columns. All structural posts and columns in non fireproof buildings required to be fire-retarded shall be protected with fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials accepted in fireproof construction; except that an air space shall not be required around steel or cast iron columns.

Where necessary for protection against mechanical injury, the fire-retarding protection on columns shall be jacketed to a height of five (5) feet from the ground with No. 4 U. S. gauge metal.

Rule 8. Girders. All girders in non-fireproof buildings required to be fire-retarded shall be protected with the fire-retarding materials specified for ceiling coverings in these rules, or with any of the materials acceptable in fireproof construction; except that an air space need not be provided around steel girders.

Rule 9. Shaft Enclosures. Existing stairways and vertical shafts in non-fireproof business buildings hereafter converted to be used as garages, motor vehicle repair shops or oil selling stations shall be enclosed in fire-retarding partitions continued through the non-fireproof floor construction, and when unfilled wood stud partitions are used, the space between the floor beams shall be fire-stopped with incombustible materials. All openings in such partitions shall be protected with accepted metal-covered fire doors or windows. Wherever necessary for protection against mechanical injury, the partition shall be jacketed to a height of five (5) feet on the garage side with No. 4 U. S. gauge metal. Any one of the following forms of partitions shall be accepted for the enclosure:

(a) Two by four inch wood studs, spaced not more than sixteen (16) inches on centers, covered both sides with metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters ($\frac{3}{4}$) of an inch thick;

(b) Two by four inch wood studs placed not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($\frac{7}{8}$) inch wood sheathing, one-half ($\frac{1}{2}$) inch plaster boards with pointed joints and No. 26 U. S. gauge sheet metal with one-inch lapped seams;

(c) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, covered both sides with seven-eighths ($\frac{7}{8}$) inch wood sheathing, two thicknesses of one-quarter ($\frac{1}{4}$) inch asbestos boards laid with tight staggered joints and packeted with No. 16 U. S. gauge metal on the garage side to a height of five (5) feet;

(d) Two by four inch wood studs spaced not more than sixteen (16) inches on centers, filled in solidly between the studs with four inches of approved fireproof materials and covered on both sides with No. 26 U. S. gauge metal;

(e) Existing wood stud, lath and plaster partitions covered on the garage side with No. 26 U. S. gauge sheet metal with one inch lapped seams.

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
- 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval.

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
- 1279-25-SA—Teesdale, Automatic Booster Pumps, Models TUX, TUS, KP and R.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Crocker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 164-33-SA—Firemaster Fire Extinguisher.
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 205-34-SA—Automatic Firetox Extinguisher.
- 221-34-SA—Metropolitan Curb Fill Box No. 138 for Gasoline.
- 224-34-SA—Progressive Press Machine Oil Burner.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Castle No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.
- 123-35-SA—National Airoil Safety Tank Filling Valve.
- 135-35-SA—Loyalty Conversion Hot Water Heater.

- 156-35-SA—Gillespie Elevator Shaft Door Switch.
- 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
- 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 166-35-SA—ServWell Space Heater, Models 247T and 248.
- 167-35-SA—Serv-Well Water Heater, Models 255A and 255B.
- 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
- 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.
- 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
- 207-35-SA—Cole's Blast Oil Burning Heating Stove.
- 208-35-SA—Oceco Rotary Pump for Petroleum Products.
- 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
- 217-35-SA—Brigham Oil Burner.
- 219-35-SA—United Copper Service Pipe.
- 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
- 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
- 238-35-SA—Garfire Gun (Fire Extinguisher).
- 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
- 244-35-SA—Woolley Patent Mechanical Oil Burner.
- 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
- 249-35-SA—Acme High and Low Water Alarm Tank Switch.
- 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
- 263-35-SA—Ker-Oil Automatic Water Heater.
- 265-35-SA—French Automatic Oil Burner, Model 5 De Luxe.
- 266-35-SA—Kerogas Bowl Type Oil Space Heater, Models 300, 305, 310, 315 and 320.
- 269-35-SA—Kamy Oil Burner.
- 274-35-SA—Econ-O-Matic Fuel Oil Burner, Model 41.
- 310-35-SA—Viking Pot Type Space Heater, Models, 165 and 170.
- 313-35-SA—Peoples Silent Oil Burner, Models O and G.
- 329-35-SA—Baker Perkins Atomizing Type Mechanical Draft Oil Burner, Type C and CD Controls.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.		DISPOSITION OF CASES.	
Cases pending December 31, 1934	163	Withdrawn	36
Cases filed up to December 4, 1935	346	Dismissed	14
Restored to Calendar	126	Denied	96
		Granted	5
		Granted on condition	200
		Appliances approved	83
		Appliances dismissed, disapproved or withdrawn....	20
		Rules approved	2
		Rules disapproved, rescinded or withdrawn.....	0
MISCELLANEOUS APPLICATIONS.		MISCELLANEOUS ACTIONS.	
Requests to reopen	357	Requests to reopen granted	326
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Requests for modification	0	Requests to amend granted.....	128
Requests to rescind	6	Requests to amend denied	0
Requests for extension of time	60	Requests for modification granted	0
Requests for extension of permit	9	Requests for modification denied	0
Requests for mechanical installations	0	Requests to rescind granted	6
Requests for approval of plans	9	Requests to rescind denied	0
Administrative requests	0	Requests for extension of time granted	60
Requests for interpretation	0	Requests for extension of time denied	0
		Requests for extension of permit granted	9
		Requests for extension of permit denied	0
		Requests to install granted	0
		Requests to install denied	0
		Plans approved	9
		Plans disapproved	0
		Administrative requests granted	0
		Administrative requests denied or withdrawn	0
		Interpretations	0
		Requests withdrawn or dismissed.....	23
Total	1204	Total	1025
Disposed of	1025		
Cases pending December 4, 1935	179		

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
Room 1001, Municipal Building,
New York City.

Enclosed please find two dollars and a half (\$2.50) for subscription for one year to THE BULLETIN OF THE BOARD OF STANDARDS AND APPEALS. Please mail THE BULLETIN to

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year **DECEMBER 17, 1935** Single Copies, 5 cents By mail, 8 cents No. 51

DIRECTORY

BOARD OF STANDARDS AND APPEALS
HARRIS H. MURDOCK, Chairman

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OFFICE—Municipal Building, Rooms 1001 to 1015.

TELEPHONE—WORTH 2-0184.

OFFICE HOURS—9 a.m. to 5 p.m. Saturdays 9 a.m. to 12 noon.

All communications should be addressed to the chairman of the board

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- This issue of the Bulletin contains, in the order given—
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 - Rules Directory.
 - Court Decisions.
 - Call of Clerk's Calendar.
 - The Hearing Calendar.
 - Minutes of Special Meeting, December 6, 1935, at 10 A. M.
 - Minutes of Regular Meeting, December 10, 1935, at 10 A. M., Affecting Calendar Numbers 145-35-BZ, 172-21-BZ, 112-35-BZ, 271-35-BZ, 277-35-BZ, 577-19-BZ and 278-35-BZ.
 - Minutes of Regular Meeting, December 10, 1935, at 2 P. M., Affecting Calendar Numbers 499-31-BZ, 212-35-BZ, 42-32-BZ, 117-35-BZ, 233-32-BZ, 86-35-BZ, 452-29-BZ, 58-24-BZ, 228-35-BZ, 328-33-A, 293-35-A, 321-35-A, 322-35-A, 323-35-A, 268-35-S, 187-33-SA and 205-34-SA.
 - Rules for Refrigerating Systems.
 - Concrete Flat Slab Rules.
 - Approved Burners for Domestic and Commercial Use.
 - Approved Fuel Oil Fill Pipe Terminals.
 - Approved Fireline Hose Valves.
 - Approved Burners for Industrial Use.
 - Approved Range Oil Burners and Space Heaters.
 - Reserve Calendar.
 - Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
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Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, December 16, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, December 23, 1935, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET.

New Cases Filed up to December 11, 1935.

Cal. No.	Department.	Premises Affected.
348-35-A.....	F.D.....	2605-2609 Knapp street (Block 7544, Lot 1), Borough of Brooklyn.

Decision.

347-35-S.....	D.B.B.....	3901 14th avenue, southeast corner of 39th street (Block 5346, Lot 5), Borough of Brooklyn.
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5211-L.D.

Restored to Calendar.

42-32-BZ.....	D.B.B.....	2263 - 2273 Linden boulevard, northwest corner of Elton street (Block 4336, Lot 21), Borough of Brooklyn.
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Applic. 15800-31.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

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Tank Trucks and Platform Trucks. Extract C. O.	Nov.	5, 1935—Vol. 20, No. 45
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LIST OF APPROVED APPLIANCES

Anti-Siphon Valves	Mar.	5, 1935—Vol. 20, No. 10
Fireline Hose Valves.....	Dec.	17, 1935—Vol. 20, No. 51
Fuel Oil Burners for Domestic and Commercial Use	Dec.	17, 1935—Vol. 20, No. 51
Fuel Oil Fill Pipe Terminals.....	Dec.	17, 1935—Vol. 20, No. 51
Fuel Oil Burners for Industrial Use.	Dec.	17, 1935—Vol. 20, No. 51
Fuel Oil Pumps.....	Dec.	3, 1935—Vol. 20, No. 49
Paint, Varnish and Lacquer Spraying Equipment	Nov.	26, 1935—Vol. 20, No. 48
Range Oil Burners and Space Heaters	Dec.	17, 1935—Vol. 20, No. 51

COURT DECISIONS

Lyons v. Murdock—July 2, 1935, Board denied application for revocation of action of Board of Buildings and decision of Department of Buildings approving plans involving interpretation of the Building Code and Multiple Dwelling Law; Cal. No. 41-35-A; Premises 313-315 Bowery and 5-7 Extra place, Manhattan. Mr. Justice Wasservogel sustained Board (N. Y. L. J., December 5, 1935).

* * *

Matter of Aiello (Murdock)—May 28, 1935, Board denied motor vehicle repair shop and outdoor garage in business district, under section 21; Cal. No. 56-35-BZ; Premises 13-21 Truxton street, Brooklyn. Mr. Justice Wenzel vacated certiorari order (N. Y. L. J., December 7, 1935).

* * *

Matter of Kaltenbach (Board of Standard and Appeals)—July 9, 1935, Board denied appeal to revoke certificate of occupancy issued by Commissioner of Buildings under section 6 of the building zone resolution; Cal. No. 18-35-A; Premises 900-910 Jamaica avenue and 5-9 Autumn avenue, Brooklyn. Mr. Justice Humphrey sustained Board (N. Y. L. J., December 11, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 16, 1935, AT 2 P. M.

Building Zone Cases.

252-35-BZ.

APPLICANT—Samuels & Samuels, substituted for Edward Flander, for Carmelo Bernardo and Carmela Bernardo, owners.

PREMISES—104-06 Astoria boulevard, southwest corner of 104th street (Block No. 1691, Lot No. 1), Corona, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

301-35-BZ.

APPLICANT—Elias K. Herzog, for Frances Foster, owner.

PREMISES—932 Simpson street, east side, 83.80 ft. south of East 163rd street (Block No. 2723, Lot No. 37), Borough of The Bronx.

APPLICATION, under sections 7c and 21 of the building zone resolution,

TO PERMIT, partly in a business district and partly in a residence district the erection and maintenance of a business building (stores).

309-35-BZ.

APPLICANT—Hillside Parking Corp., for Nathan Straus, owner.

PREMISES—Northwest corner of Wilson avenue and East 214th street (Block No. 4709, Lot No. 1), Borough of The Bronx.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT in a residence district the use of a plot of ground as a parking space for the storage of more than five (5) motor vehicles.

324-35-BZ.

APPLICANT—James F. Hunter, for Standard Gas Light Co., owner.

PREMISES—35-39 West 124th street, north side, 390 ft. west of Fifth avenue and 32-42 West 125th street (Block No. 1722, Lot Nos. 20, 20½, 21, 51, 53 and 54), Borough of Manhattan.

APPLICATION, under section 21 of the building zone resolution,

TO PERMIT the extension, from a business district into a residence district, of an existing business building.

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11-33-BZ.

APPLICANT—Lama and Proskauer, for Churchway Holding Corp., owner.

PREMISES—5709-5717 Church avenue, northwest corner of Kings Highway (Block No. 4683, Lot Nos. 36½ and 42), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution (reopened June 4, 1935),

NO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn).

DECEMBER 17, 1935, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, December 17, 1935, at 10 o'clock*, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 272-30-BZ—Application of Jacob A. Freedman, applicant, on behalf of Rubel Corporation, owner, reopened October 1, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (remitted by order of the Court for hearing); premises 440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Borough of Brooklyn.

CAL. NO. 130-35-BZ—Application, May 23, 1935, under sections 7a and 21 of the building zone resolution, of Edwin H. Snackenberg, applicant, on behalf of New York Rapid Transit Corporation, owner, to permit in a business district the extension of an existing gasoline service station and also the erection and maintenance of a motor vehicle repair shop; premises 402-10 64th street and 64-01 to 64-19 Fourth avenue, southeast corner (Block No. 5818, part of Lot No. 1), Borough of Brooklyn.

CAL. NO. 282-35-BZ—Application, October 15, 1935, under section 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Violet Kramer, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1159-1167 Utica avenue and 5002-5010 Clarendon road, southeast corner (Block No. 4771, Lot Nos. 1 and 78), Borough of Brooklyn.

CAL. NO. 287-35-BZ—Application, October 18, 1935, under section 21 of the building zone resolution, of William E. Kennedy, applicant, on behalf of Abraham A. Goldstein, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Parsons boulevard and 84th road (Block No. 864, Lot No. 261), Jamaica, Borough of Queens.

CAL. NO. 1109-27-BZ—Application of Michael Levine, applicant, on behalf of Ft. Greene Associates, Inc., owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 106-21 Woodhaven boulevard (Cross Bay boulevard), east side, 365.61 ft. north of 108th avenue (Block No. 430, part of Lot No. 45), Woodhaven, Borough of Queens.

CAL. NO. 26-32-BZ—Application of Louis Schlefer, applicant, on behalf of Minnie Streit, owner, reopened September 10, 1935, under section 21 of the building zone resolution, for rehearing by Order of the Court, to permit in a business district the erection and maintenance of a gasoline service station; premises 1551-1555 Coney Island avenue, east side, 100 ft. south of Avenue L (Block No. 6731, Lot No. 90), Borough of Brooklyn.

CAL. NO. 654-27-BZ—Application of Wagner, Quillinan & Rifkind, applicants, on behalf of Henry Pape, owner, reopened July 16, 1935, under sections 7e and 21 of the building zone resolution, to permit the amendment of a resolution granting in a business district the change of occupancy of an existing building to a garage for the storage of more than five (5) motor vehicles of the pleasure-car type, so as to include motor vehicles of the commercial-car type; premises 622-632 Foster avenue, southwest corner of East 7th street (Block No. 6494, Lot No. 8), Borough of Brooklyn.

CAL. NO. 240-35-BZ—Application, September 11, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Bawnfawn Holding Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 88-15 Queens boulevard and 89-05 56th avenue, northwest corner (Block No. 1844, Lot No. 3), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

DECEMBER 17, 1935, 2 P. M.

Appeals from Administrative Orders.

283-35-A—Transportation of Fuel Oil in Trucks in New York City.

305-35-A—Transportation of Fuel Oil in Trucks in New York City.

317-35-A—Transportation of Fuel Oil in Trucks in New York City.

330-35-A—12-12 43rd avenue, southwest corner of 13th street (Block No. 443, Lot No. 15), Long Island City, Borough of Queens.

332-35-A—10-15 to 10-17 43rd avenue, northwest corner of 11th street (Block No. 460, Lot No. 1), Long Island City, Borough of Queens.

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333-35-A—Transportation of Fuel Oil in Trucks in New York City.

334-35-A—2400-2420 Bedford avenue and 2307 Beverly road, northwest corner (Block No. 5134, Lot No. 4), Borough of Brooklyn.

337-35-A—1739-1751 Hart place, south side, 287 ft. 7¾ in. west of Cropsey avenue (Block No. 6994, Lot Nos. 20 and 27), Borough of Brooklyn.

340-35-A—623-629 West 23rd street and 140-154 13th avenue, northeast corner (Block No. 669, Lot No. 1), Borough of Manhattan.

Appliances Submitted for Approval.

343-35-SA—Pacific Oil Burner.

345-35-SA—Flagg Fill Pipe Terminal.

Building Zone Applications.

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, December 17, 1935*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 626-32-BZ—Application of Philip Bardes, applicant, on behalf of United States Trucking Corporation, owner, reopened November 26, 1935, under section 21 of the building zone resolution, to permit the extension from an unrestricted district into a business district of a proposed motor vehicle repair shop; premises 368-380 Front street, north side, 114 ft. west of Jackson street (Block No. 243, Lot Nos. 70 to 76), Borough of Manhattan.

CAL. NO. 246-35-BZ—Application, September 17, 1935, under section 21 of the building zone resolution of Lama and Proskauer, applicants, on behalf of Elinor D. Manson and Nora M. Reich, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

CAL. NO. 273-35-BZ—Application October 7, 1935, under sections 7a, 7c and 21 of the building zone resolution, of Walter B. Woodruff, applicant, on behalf of John T. Woodruff & Son, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 23, 1935, AT 2 P. M.

Building Zone Cases

22-29-BZ.

APPLICANT—Samuels & Samuels, for Adeline Zagarrino, owner.

PREMISES—97-28 Van Wyck boulevard, northwest corner of 101st avenue (Block No. 520, Lot No. 30), Dunton, Borough of Queens.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to Calendar October 22, 1935).

307-35-BZ.

APPLICANT—Benjamin Schlanger, for Crenshaw Holding Corp., owner.

PREMISES—1955 University avenue, west side, 233.44 ft. south of West 179th street (Block No. 3216, Lot No. 70), Borough of The Bronx.

APPLICATION, under section 7c of the building zone resolution.

TO PERMIT partly in a business district and partly in a residence district the alteration, extension and change of occupancy of a building now occupied for stores, so as to include a motion picture theatre.

306-35-BZ.

APPLICANT—Irving M. Fenichel, for Bonomo Realty Corp., owner.

PREMISES—2847-2863 West 8th street, east side, 125 ft. 8¾ in. south of Sheepshead Bay road (Block No. 7279, Lot Nos. 163 to 169), Borough of Brooklyn.

APPLICATION, under sections 7e and 21 of the building zone resolution.

TO PERMIT in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

294-35-BZ.

APPLICANT—Burke & Olsen, for Mary A. Kenney, owner.

PREMISES—349-351 Columbia street, east side, 100 ft. north of Coles street (Block No. 510, part of Lot No. 5), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the alteration, extension and conversion of occupancy of an existing building to a garage for more than five (5) motor vehicles.

314-35-BZ.

APPLICANT—Harry Yahr, for Shelton Holding Corp., owner.

PREMISES—15-23 West 43rd street, north side, 225 ft. west of Fifth avenue (Block No. 1259, Lot Nos. 25, 28 and 28½), Borough of Manhattan.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a retail district the use of a plot of ground as a parking space for the storage of more than five (5) motor vehicles.

1016-27-BZ.

APPLICANT—Arthur B. Daub, for Carber Holding Co., Inc., owner.

PREMISES—Southeast corner of Walker boulevard and Outerbridge avenue (Block No. 5, Lot N), Tottenville, Borough of Richmond.

APPLICATION, under section 21 of the building zone resolution (reopened June 11, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALENDAR

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 30, 1935, AT 2 P. M.

Building Zone Case

40-22-BZ.

APPLICANT—James J. Malone, for 571 West 182nd Street Corporation, owner.

PREMISES—571-573 West 182nd street, north side, 60 ft. east of St. Nicholas avenue (Block No. 2154, Lot No. 65), Borough of Manhattan.

APPLICATION, under sections 7b, 7c and 21 of the building zone resolution (reopened December 3, 1935).

NO PERMIT partly in a business district and partly in a residence district the alteration and change of occupancy of a building occupied as a post office to stores (the post office use having been previously granted by the board).

JANUARY 7, 1936, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 7, 1936*, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 251-35-BZ—Application, September 20, 1935, under sections 7c and 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Margaroff Realty Corp., lessee (long term lease), to permit partly in a residence district and partly in a business district the erection and maintenance of a business building (stores), premises 2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Borough of Brooklyn.

CAL. NO. 280-31-BZ—Application of Edward L. Kelly, applicant, on behalf of Jasper Mulle, owner, reopened December 3, 1935, for consideration of an amendment to the resolution of November 12, 1931, as to the conditions imposed therein—re Application, granted under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 162-02 to 162-06 Cross Bay boulevard, southwest corner of 162nd street (Block No. 4046, Lot No. 5), Howard Beach, Borough of Queens.

CAL. NO. 235-35-BZ—Application, September 6, 1935, under sections 7a and 21 of the building zone resolution, of Leon J. Levine, applicant, on behalf of Victoria B. Cohen, owner, to permit in a business district the change of occupancy of part of an existing gasoline service station to a motor vehicle repair shop; premises 158-07 Rockaway boulevard, southeast corner of Conover street (Block No. 4481, Lot No. 69), Jamaica, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

JANUARY 7, 1936, 2 P. M.

Variation of Labor Law

268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Borough of Manhattan.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 7, 1936*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 390-19-BZ—Application of Frank Zyderveld, applicant, on behalf of Madeline T. Flannery, owner, reopened December 3, 1935, for consideration of an amendment to the resolution of October 30, 1934, as to the conditions imposed therein—re Application, granted on certain conditions permitting the extension of the store use now in existence in a garage building previously granted by the Board; premises 6902-6912 Fourth avenue, southwest corner of Bay Ridge avenue (Block No. 5872, Lot No. 42), Borough of Brooklyn.

CAL. NO. 853-25-BZ—Application of Boochever, McManus and Ostrow, applicants, on behalf of Esbrook Realty Co., Inc., owner, reopened December 3, 1935, for consideration of an amendment to the resolution of December 1, 1925, as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a building to be used as stores on the first story of the Fourth avenue front and as dwellings above; premises 8501-8511 Fourth avenue, southwest corner of 85th street (Block No. 6035, Lot No. 6), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

JANUARY 14, 1936, 2 P. M.

Appeals from Administrative Orders

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), Borough of The Bronx.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), Borough of The Bronx.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 14, 1936*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district

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the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

CAL. NO. 42-32-BZ—Application of Samuel L. Schwartz, applicant and owner, reopened Decem-

ber 10, 1935, under section 21 of the building zone resolution for consideration as to extension of permit—re Application, granted under section 7f of the building zone resolution, permitting in a residence district the erection and maintenance of a gasoline service station for a temporary period; premises 2263-2273 Linden boulevard, northwest corner of Elton street (Block No. 4336, Lot No. 21), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

MINUTES

BOARD OF STANDARDS AND APPEALS

SPECIAL MEETING

FRIDAY MORNING, DECEMBER 6, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

RULES

262-35-SR.

SUBJECT—Proposed Rules for Liquefiers used to convert solid carbon dioxide to a liquid and/or a gas.

APPEARANCES—

Charles L. Gulick, M. John Silver, W. W. Ogier, John C. Minor, Frank Schneible, C. A. Schneible, P. C. McAbee and Wilbert Wear.

For Administration: Inspector C. A. Michaels and others of Fire Department.

ACTION OF BOARD—Laid over for additional amendments, with two publications in Bulletin; public hearing to be set by Chairman.

Adjourned 11:45 a. m.

EDWARD V. BARTON, *Chief Clerk*.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, DECEMBER 10, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the regular meeting of the board, held on Tuesday morning, December 3, 1935, and the minutes of the regular meeting of the Board, held on Tuesday afternoon, December 3, 1935, were approved as printed in Bulletin No. 50, Vol. XX.

BUILDING ZONE CASES

145-35-BZ.

APPLICANT—Lama and Proskauer, for Charles Ginsberg and Max Chesnoff, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—105-02 Astoria boulevard, southeast corner of 105th street (Block No. 1692, Lot No. 1), East Elmhurst, Borough of Queens.

APPEARANCES—

For Applicant: None.

For Opposition: David Groberg.

ACTION OF BOARD—Application withdrawn upon written request of applicant.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0
Absent 0

172-21-BZ.

APPLICANT—John J. Dunnigan, for Riverside-St. Clair Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of electric roof signs (reopened October 29, 1935).

PREMISES AFFECTED—564 Riverside drive, east side, 293.10 ft. south of St. Clair place (Block No. 1995, Lot No. 70), Borough of Manhattan.

APPEARANCES—

For Applicant: John J. Dunnigan.

For Opposition: L. C. Squire.

ACTION OF BOARD—Application withdrawn by applicant.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

112-35-BZ.

APPLICANT—Philip Wolfson, for Giuseppa Genco, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop.

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PREMISES AFFECTED—115-61 Merrick road (blvd.) and 172-01 116th avenue, northeast corner and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Borough of Queens.

APPEARANCES—

For Applicant: Philip Wolfson.

For Opposition: Herbert C. Drescher.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(112-35-BZ)

WHEREAS, Philip Wolfson, for Giuseppa Genco, owner, filed April 30, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station and also a motor vehicle repair shop; premises: 115-61 Merrick road (blvd.) and 172-01 116th avenue, northeast corner and 115-60 172nd street (Block No. 3106, Lot No. 1), St. Albans, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 10, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Merrick boulevard is in a business district; 172d street is in a residence and business building and 116th avenue is in a residence and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered April 22, 1935, N. B. Application No. 2099-1934, reads:

"The erection of a gasoline service station and building to be used as an auto repair shop in a business district is contrary to Art. 2, Sec. 4, subd. 29 and 46 Building Zone Resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 57.7 feet on Merrick boulevard, 82.8 ft. on 116th avenue and 56.1 ft. on 172d street, upon which it is proposed to erect a one-story building 72 ft. 4 in. by 22 ft. in area to be used as a motor vehicle repair shop, grease pits and office and also, to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, a Committee of the Board, in order to be informed prior to the hearing, inspected these premises on December 5, 1935; and

WHEREAS, the Board deemed that applicant had failed to substantiate his basis of appeal under Section 21 of the Building Zone Resolution, and was, therefore, not entitled to relief.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

271-35-BZ.

APPLICANT—Christopher C. McGrath, for Treiport Realty Company, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the erection and maintenance of a business building (store).

PREMISES AFFECTED—1166 Ward avenue, east side, 100 ft. south of Westchester avenue (Block No. 3742, Lot No. 38), Borough of The Bronx.

APPEARANCES—

For Applicant: Christopher C. McGrath.

For Opposition: Jacob M. Miller, Leon A. Mnu-chin and Irving Herbst.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(271-35-BZ)

WHEREAS, Christopher C. McGrath, for Treiport Realty Company, owner, filed October 4, 1935, an application under the building zone resolution to permit in a residence district the erection and maintenance of a business building (store); premises: 1166 Ward avenue, east side, 100 ft. south of Westchester avenue (Block No. 3742, Lot No. 38), Borough of the Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 10, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Westchester avenue is in a business district; Ward avenue is in a residence and business district and Manor avenue is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered September 17, 1935, re Application No. 329-1935, reads:

"1. Erection of proposed building for business uses (stores) in residence district is contrary to provisions of Building Zone Resolution."

and

WHEREAS, the building is to be of non-fireproof construction one story in height, with a frontage of 17.7 feet and a depth of 100 feet, irreg. to be occupied as a store; and

WHEREAS, it appears that a small portion of these premises extend into the business district; and

WHEREAS, applicant stated at the hearing that he would confine the depth of his building to 65 ft. in order to satisfy any objections of adjoining property owners; and

WHEREAS, the board deemed that the applicant had substantiated his basis of appeal and was entitled to relief under section 21 of the building zone resolution.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the application of the use district regulations of the building zone resolution and that the application be and it hereby is *granted* under section 21 thereof, to permit the lot under appeal to be used for a limited business use, *on condition* that the building shall not exceed one story in height and shall not exceed in depth 65 feet; that any skylights erected in the roof shall be removed at least ten feet (10 ft.) from the wall of the multiple dwelling adjoining on the south; that signs shall be restricted to a permanent flat sign over the show window and to signs attached to the plate glass windows, excluding all signs overhanging the building line and roof signs; that the occupancy of this building shall be restricted against stores purveying food products (except an ice cream parlor), dance halls, steam laundry or a public restaurant and permitting such occupancy as a real estate office, dress or millinery shop, tailor or stationery store and any other similar occupancy that is not noisy or otherwise objectionable; that all permits shall be obtained within one year from the date of this action.

277-35-BZ.

APPLICANT—Gerard M. Bloomfield, for Fordhof Realty Co., Inc., owner.

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SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a residence district the change of occupancy of an existing residence building to a business use.

PREMISES AFFECTED—2171 Grand Concourse, west side, 182.75 ft. north of East 181st street (Block No. 3162, Lot No. 43), Borough of The Bronx.

APPEARANCES—

For Applicant: Gerard M. Bloomfield, Samson Levy and John Ryan.

For Opposition: William L. Herrlich and John Haahn.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(277-35-BZ)

WHEREAS, Gerard M. Bloomfield, for Fordhof Realty Co., Inc., owner, filed October 19, 1935 an application under the building zone resolution to permit in a residence district the change of occupancy of an existing residence building to business use; premises: 2171 Grand Concourse, west side, 182.75 ft. north of East 181st street (Block No. 3162, Lot No. 43), Borough of the Bronx; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 10, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Grand Concourse is in a residence and business district; Creston avenue is in a residence and business district and East 181st street is in a business and residence district and East 182d street is in a residence district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered October 23, 1935, reads:

"Your application of September 10, 1935, for a certificate of occupancy for change of use of two story existing residence building at 2171 Grand Concourse block 3162, lot 43, owned by 2175 Grand Concourse, Inc., Sidney Rodin, President, in the Borough of The Bronx, to be used as store, dining room and handball court on the first floor and dining room on 2nd floor is hereby denied as the premises are located in a residence district as established by the Building Zone Resolution in which proposed business uses are prohibited."

and

WHEREAS, the building is of Frame construction two (2) stories in height, with a frontage of 26 ft. 3 in. and a depth of 51 ft. maximum, irregular, formerly occupied as a dwelling, then as a private club, it is requested that a variation be granted to change the occupancy from private club to a public restaurant and store, it being stated at the public hearing that there was no intention of maintaining the handball court; and

WHEREAS, it appears that the premises have been occupied as a public restaurant and saloon without authorization, the certificate of occupancy permitting a private club only; and

WHEREAS, the Board is familiar with this section of the Grand Concourse, having made inspections of property in vicinity on many occasions; and

WHEREAS, the Board deems that the granting of this application would not be conducive to the general welfare of affected property owners, as defined under Section 21 of the Building Zone Resolution; and that the applicant had failed to establish any practical difficulty or unneces-

sary hardship in so far as the present frame building of unsuitable construction for public uses and the present illegal occupancy is concerned.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed* and that the application be and it hereby is *denied*.

577-19-BZ.

APPLICANT—Joseph B. Lynch, for Emil Navone, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the inclusion of a gasoline service station in a garage for more than five (5) motor vehicles (garage previously granted by the board; reopened September 17, 1935).

PREMISES AFFECTED—179-183 West Houston street and 231-235 Sixth avenue, southwest corner (Block No. 520, Lot No. 33), Borough of Manhattan.

APPEARANCES—

For Applicant: Joseph B. Lynch.

For Opposition: None.

ACTION OF BOARD—Resolution amended.

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(577-19-BZ)

WHEREAS, this application affecting premises 179-183 West Houston street and 231-235 Sixth avenue, southwest corner (Block No. 520, Lot No. 33), Borough of Manhattan, was granted by the board November 11, 1919, permitting the premises to be occupied as a garage for more than five motor vehicles; and

WHEREAS, Joseph B. Lynch for Emile Navone, present owner, requested a reopening of the application in order to permit in a business use district the inclusion of a gasoline service station; and

WHEREAS, this application was reopened by vote of the board September 17, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 10, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that West Houston street is in a business district; Sixth avenue is in a business district and King street is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered June 27, 1935, re Application No. 1541-1935, reads:

"1. Proposed use as gasoline service station is contrary to Sections 4 and 6, Zone Resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 75 ft. 1 in. on Sixth avenue and 63 ft. on West Houston street, and under Cal. 577-19-BZ, the board granted upon a portion of this plot on November 18, 1919, a garage for more than five (5) motor vehicles; the building having a frontage of 63 ft. on West Houston street and 58 ft. 1 in. on Congress street (now Sixth avenue); on the southeast corner of the plot there was located a one story office structure having a frontage of 16 ft. 9 in. and a depth of 42 ft. In the application now under consideration it is proposed to remove part of the West Houston street wall and Sixth avenue street walls of the buildings including the office structures and to occupy the resulting space as a gasoline service station having a frontage of 31 ft. 5 in. on West Houston street, 75 ft. 1 in. on Sixth avenue. It is proposed also, to extend the depth

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of the showroom to the westerly lot line; and

WHEREAS, the board deemed that applicant has substantiated the basis of his appeal under section 21, there having been great changes in this section since the original application was granted due to the widening of West Houston street and the cutting through of Sixth avenue.

Resolved, that the resolution adopted by the board on November 11, 1919, be and it hereby is *amended*, by adding thereto the following:

"that in the event that the owner desires to alter the existing building as indicated on plans filed marked "received October 14, 1935", so as to incorporate an exterior alcove service station and also to extend the premises southerly to include the adjoining lot and building having a frontage on Sixth avenue of 17 ft. $\frac{1}{4}$ in. and a depth of 42 ft., such alteration and extension may be permitted *on condition* that gasoline pumps erected shall be not less than 10 ft. back from the property line on Sixth avenue or West Houston street; that the entire gasoline selling alcove shall be cement paved; that there shall be a masonry wall constructed, as indicated, to separate the gasoline selling area from the public garage; that the adjoining lot to the south shall be operated in conjunction with this garage and gasoline selling station as a showroom and store for automobile accessories, but no motor vehicle repairing; that the existing building shall not be increased in height or area; that there shall be erected at the corner formed by the intersection of West Houston street and Sixth avenue, a concrete curb not less than 5 ft. in each direction from the corner, this concrete curb to be not less than 12 in. in height and 12 in. in width; that the existing curb cuts shall not be extended; that no portable gasoline pumps shall be permitted on the premises; that signs shall be restricted to the illuminated globes of the pumps and to permanent flat signs attached to the front walls of the building and lettering on the show windows, excluding all roof signs and signs of a temporary nature except that there may be erected within the building line, near the intersection of West Houston street and Sixth avenue, a post standard with an illuminated sign, advertising only the brand of gasoline to be sold, this sign to extend beyond the building line not more than 8 ft. and to be not less than 12 ft. above the sidewalk; that the ceiling of the garage shall be fire-retarded in accordance with the rules of the Board of Standards and Appeals; that all work shall be completed within one year from the date of this amended resolution."

278-35-BZ.

APPLICANT—C. A. Sandblom, for Moe Weinberger, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 7c of the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre.

PREMISES AFFECTED—333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Borough of Brooklyn.

APPEARANCES—

For Applicant: C. A. Sandblom.

For Opposition: Sol Douglas.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4

Negative 0
Absent 0

THE RESOLUTION—

(278-35-BZ)

WHEREAS, C. A. Sandblom, for Moe Weinberger, owner, filed October 10, 1935, an application under the building zone resolution to permit partly in a business district and partly in a residence district the erection and maintenance of a motion picture theatre; premises: 333-341 Rogers avenue, east side, 110 ft. south of Montgomery street (Block No. 1305, Lot No. 5), Borough of Brooklyn; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 10, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Rogers avenue is in a business district, Montgomery street is in a residence and business district and Sullivan place is in a residence and business district; and

WHEREAS, the decision of the commissioner of buildings, rendered October 1, 1935, re Application No. 11990-35, reads:

"1. Proposed motion picture theatre building extends into a residence use district which is contrary to Article II, Section 3, zoning resolution, and is hereby *denied*."

and

WHEREAS, the premises consist of an irregular shaped plot of ground having a frontage of 80 ft. 5 in. and a maximum depth of 225 ft. 2 in.; upon which are located a two story structure—stores on the first story and dwellings above and also, 16 individual garages operating under a Fire Department permit. It is proposed to alter part of the store portion of the structure, remove the garages and driveway leading to same and to erect upon the plot a motion picture theatre (599 seats), stores and the 2nd story (at the front) section to be used for occupancy of two families and also two offices. The proposed auditorium will be separated from the existing building by a 5 ft. yard, except where the lobby leads through same to auditorium. A small irregular area at the rear of the building is in the residence district—the remainder is in the business district; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 7 (c) of the building zone resolution and was, therefore, entitled to relief.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* in the use district regulations of the building zone resolution, and that the application be and it hereby is *granted* under section 7 (c), permitting the extension of the proposed theatre building into the residential area, as indicated on plans filed with this appeal, *on condition* that no portion of the theatre building shall extend to a point beyond 135 ft. from Rogers avenue; that other than as varied as to zone use, that the building shall in all respects comply with all laws and regulations relative thereto; that the yard space behind the proposed theatre building shall at all times be maintained in an orderly condition and the wire fence on the lot lines, as indicated, maintained in good order; that all work shall be completed within one year from the date of this action.

Adjourned, 12:40 p. m.

EDWARD V. BARTON, *Chief Clerk*.

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain such

copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

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BOARD OF STANDARD AND APPEALS

REGULAR MEETING

TUESDAY AFTERNOON, DECEMBER 10, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

499-31-BZ.

APPLICANT—Austin W. Magee, for Ernest Reiss, owner.
SUBJECT—Application (re decision of the commissioner of buildings) under section 7f of the building zone resolution to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period (re-opened April 30, 1935).

PREMISES AFFECTED—262-18 Hillside avenue (formerly 262-10) and 84-02 263rd street, southwest corner (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

APPEARANCES—

For Applicant: Austin W. Magee.

For Opposition: None.

ACTION OF BOARD—Vote denying this application having been taken through misunderstanding, vote was rescinded and application laid over to January 14, 1936, at 2 p. m., for further consideration.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE VOTE TO RESCIND ACTION OF BOARD—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

212-35-BZ.

APPLICANT—Thomas W. Lamb, Inc., for Edwin J. Long, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—6507 Fort Hamilton parkway, southeast corner of 65th street (Block No. 5750, Lot No. 42), Borough of Brooklyn.

APPEARANCES—

For Applicant: H. J. Williams.

For Opposition: Leonard Ring.

ACTION OF BOARD—Application withdrawn.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

42-32-BZ.

APPLICANT—Samuel L. Schwartz, owner.

SUBJECT—Application for reopening—extension of permit—re Application (decision of the superintendent of buildings) granted under section 7f of the building zone resolution, permitting in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2263-2273 Linden boulevard, northwest corner of Elton street (Block No. 4336, Lot No. 21), Borough of Brooklyn.

APPEARANCES—

For Applicant: Samuel L. Schwartz.

ACTION OF BOARD—Application reopened and set for hearing January 14, 1936, 2 p. m., waiving calendar call, and other requirements.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney	4
Negative	0
Absent	0

117-35-BZ.

APPLICANT—William J. Wilson for Rose Bozzi, owner.
SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—122-04 25th road, southeast corner of College Point Causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens.

APPEARANCES—

For Applicant: William J. Wilson.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(117-35-BZ)

WHEREAS, William J. Wilson, for Rose Bozzi, owner, filed May 8, 1935, an application under the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station; premises: 122-04 25th road, southeast corner of College Point causeway (Block No. 4260, Lot No. 25), College Point, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 10, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that 25th road is in business and residence districts; College Point Causeway is in a business district; 26th avenue is in business and residence districts; 123rd street is in business and residence districts; and

WHEREAS, the decision of the Commissioner of Buildings, rendered April 24, 1935, (Re App. No. 1032-35), reads:

"Erection of a gasoline service station in a business district is contrary to art. 2, sec. 4, subd. 46, Building Zone Resolution."

and

WHEREAS, the premises consist of a plot of ground having a frontage of 114.9 ft. on 25th road and 71.61 ft. on College Point Causeway, upon which it is proposed to erect a one-story office and grease pit structure 24 ft. by 52 ft. in area and to install the necessary tanks and pumps for a gasoline service station; and

WHEREAS, this application was the subject of an inspection by a committee of the Board, verbal report of which inspection was made by the Chairman on behalf of the committee; and

WHEREAS, this report recommended the denial of this application; and

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WHEREAS, the Board deemed that applicant had failed to substantiate his basis of appeal under Section 21 of the Building Zone Resolution, and was, therefore, not entitled to relief.

Resolved, that the decision of the Commissioner of Buildings be and it hereby is *affirmed*, and that the application be and it hereby is *denied*.

233-32-BZ.

APPLICANT—Richard Vom Lehn Sons, for Treselmina Co., owner.

SUBJECT—Application (re decision of the superintendent of buildings) reopened November 19, 1935, for consideration as to extension of time—re Application, under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—267-271 Eastern parkway Extension, northeast corner of Rockaway avenue (Block No. 1455, Lot No. 1), Borough of Brooklyn.

APPEARANCES—

For Applicant: Richard Vom Lehn.

For Opposition: None.

ACTION OF BOARD—Application to extend time denied.

THE VOTE TO EXTEND TIME—

Affirmative	0
Negative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Absent	0

THE RESOLUTION—

(233-32-BZ)

WHEREAS, this application affecting premises 267-271 Eastern parkway Extension, north east corner of Rockaway avenue (Block No. 1455, Lot No. 1), Borough of Brooklyn, was granted by the board, September 23, 1932, reaffirmed and amended by the board November 8, 1933, and time further extended to complete the work, December 11, 1934; and applicant requested a further extension of time to obtain permits; and

WHEREAS, this application was reopened by vote of the board November 19, 1935; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals at its regular meeting, December 10, 1935; and

WHEREAS, the board deemed that no further extension of time should be permitted, it being apparent after three years since the variation, was granted that because of the small size of the plot and the street grades, capital would not be available for use of this plot as a gasoline station.

Resolved, that the request for an extension of time be and it hereby is *denied*.

86-35-BZ.

APPLICANT—Elias K. Herzog, for Frances Foster, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a residence district the alteration and change of occupancy of part of a multiple dwelling to business use (stores).

PREMISES AFFECTED—1750 Davidson avenue, southeast corner of West 176th street (Block No. 2861, Lot Nos. 67 and 69), Borough of The Bronx.

APPEARANCES—

For Applicant: Elias K. Herzog.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
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Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(86-35-BZ)

WHEREAS, this application affecting premises 1750 Davidson avenue, southeast corner of West 176th street (Block No. 2861, Lot Nos. 67 and 69), Borough of The Bronx, was granted by the board June 25, 1935, on certain conditions, and applicant requested an amendment of the resolutions as to time limit to complete the work.

Resolved, that the resolution adopted by the board on June 25, 1935, be and it hereby is *amended*, only so far as it has reference to the completion of work, so that as amended this portion of the resolution will read:

“and all work completed within six months from the date of this amended action; that other than as amended, the resolution adopted by the board on June 25, 1935, shall be complied with in all respects.”

452-29-BZ.

APPLICANT—William B. Linder, for Norman Gottlieb and Nathan Frischling, owners.

SUBJECT—Application for reopening—amendment—re Application (decision of the superintendent of buildings) under sections 7g and 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—2201-2205 59th street, northeast corner of 22nd avenue (Bay parkway); (Block No. 6547, part of Lot No. 1), Borough of Brooklyn.

APPEARANCES—

For Applicant: William B. Linder.

For Opposition: James Butterly.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(452-29-BZ)

WHEREAS, this application affecting premises 2201-2205 59th street, northeast corner of 22d avenue (Bay parkway); (Block No. 6547, part of Lot No. 1), Borough of Brooklyn, was granted by the board April 14, 1931, on certain conditions, and owner requested an amendment of the conditions through his agent, T. A. Grady; and under date of December 4, 1935, through his attorney, William B. Linder, requested a further amendment.

Resolved, that the resolution adopted by the board on April 14, 1931, only so far as it refers to curb cuts and concrete curbing and driveways, be amended, so that as amended the resolution will read:

“... Granted on condition that there shall be installed at the building line on the Bay parkway frontage a concrete curbing not less than 12 in. in height and 12 in. in width with not more than two

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openings to Bay parkway, these openings not to exceed 25 ft. in width each; that no part of any opening shall be nearer than 3 ft. to the intersection of the northerly interior lot line and not nearer than 5 ft. to the intersection formed by Bay parkway and 59th street; that there shall be a similar concrete curbing not less than 2 ft. in length at 59th street, commencing at the corner formed by the intersection of Bay parkway and 59th street; that curb cuts opposite these openings shall not exceed 30 ft.; that there shall be not more than one vehicular opening not over 40 ft. in width to the gasoline selling area on the 59th street front; that no pumps shall be located within 10 ft. on the building line; that the exterior of the one-story structure, indicated on these plans, shall be constructed of architectural terra cotta; that any advertising displayed shall be confined to the illuminated glass globes of the gasoline pumps; that any other structure erected on these premises for use incidental to the conduct of the business thereon shall be restricted to one story in height and shall be finished on the exterior with architectural terra cotta; that the easterly wall of the gasoline station may be removed and set back to a point 39 ft. 2 in.; and that at this location there shall be erected a new 8-in. masonry wall unpierced throughout its height and length extending for the full depth of the property at this point on 59th street; that the extension permitted above shall be used as a lubricating and washing place for automobiles; and that all permits shall be obtained within three months and all work involved shall be completed within six months from the date of this amended resolution; *that nothing herein contained shall prevent the construction of an auto salesroom building along the northerly lot line of the premises, as indicated on plans filed, marked "received December 5, 1935, on condition that this building shall not be used for any purpose deemed non-conforming in a business district and shall be constructed substantially as indicated on plans filed, marked "received December 5, 1935."*

58-24-BZ.

APPLICANT—Alfred H. Eccles, for Queensboro Improvement Company, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting partly in a business district and partly in a residence district, the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline, so as to include a gasoline service station (in connection with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ.

PREMISES AFFECTED—76-19 Northern boulevard (Jackson avenue), northwest corner of 77th street (20th street); (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens.

APPEARANCES—

For Applicant: Bernard Trencher.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(58-24-BZ)

WHEREAS, Alfred H. Eccles, for Queensboro Improvement Company, owner filed September 17, 1935, an application under the building zone resolution, to permit partly in a business district and partly in a residence district, the alteration of a garage, permission to erect which was granted by the board and which garage now has a permit for the sale of gasoline so as to include a gasoline service station (in conjunction with adjoining premises 76-13 to 76-15 Northern boulevard, Cal. No. 228-35-BZ); premises; 76-19 Northern boulevard (Jackson avenue) northwest corner of 77th street (20th street) (Block No. 1172, Lot No. 40), Jackson Heights, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that the Northern boulevard is in a business district throughout; 77th street is in a residence district, and 76th street is in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered July 31, 1935, re Alt. Permit No. 5430-35, reads:

"1. The enlargement of an existing gas station in a business and residence district is contrary to Sections 3 and 4 of the Zone Law.";

and

WHEREAS, the premises consist of a large one-story non-fireproof storage garage, "L" shaped, 50 ft. front by 144 ft. by 100 ft. across the rear; it is proposed to shift the position of the two underground existing gasoline tanks; demolish the front part (about 50 ft. by 44 ft.) of the existing garage; bury gasoline tanks at front, erect the necessary pumps and a waiting room for the purpose of conducting a gasoline service station in conjunction with the proposed gasoline station adjoining at west; and

WHEREAS, the board on July 8, 1924, made a variation on the application of the use district regulations, permitting the erection of a garage for more than five motor vehicles on these premises; and

WHEREAS, the board deemed that applicant had substantiated the basis of his application under section 21 of the building zone resolution; and

WHEREAS, this application was amended by the board at its meeting October 22, 1935, in certain conditions and applicant requested a further amendment.

Resolved, that the Board of Standards and Appeals *does hereby make a variation* in the application of the use district regulation, and that the resolution adopted by the board on July 8, 1924, be and it hereby is *amended*, by adding thereto the following:

"that the garage building granted under this calendar number on July 8, 1924, may be reconstructed generally as indicated on plans filed with this appeal, marked 'received October 16, 1935,' to permit a portion of the premises for a distance northerly from Northern boulevard of 50 ft. and for a frontage of 50 ft. to be continued to be used as a gasoline service station in conjunction with the adjoining premises to the west covered by Cal. No. 228-35-BZ, *on condition* that the reconstructed southerly wall of the garage shall be unpunctured for the full height and shall be constructed of face brick or brick stuccoed similar to that used for the proposed accessory building; that the accessory building, as indicated, shall be constructed as required for the adjoining accessory building, under Cal No. 228-35-BZ; that the entire plot shall be leveled substantially to the grade of Northern boulevard and shall be cement paved; that no gasoline pumps shall be nearer than 10 ft. to the street building line of Northern boulevard or 77th street; that there shall be erected on the street building line of 77th street and Northern boulevard reinforced concrete curbs not less than 12 in. in width and not less than 5 in. in height with

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rounded top; that there shall not be more than one entrance from 77th street, not exceeding 30 ft. in width and not more than one entrance from Northern boulevard, not exceeding 30 ft. in width, provided no part of these entrances shall be nearer than 5 ft. from the intersection formed by Northern boulevard and 77th street; that there shall be no automobile repairing permitted on the property; that there shall be no parking of cars other than those being serviced; that there shall be no signs permitted on the premises other than on the illuminated globes of the gasoline pumps and one illuminated sign erected on post standard within the building line near the intersection of Northern boulevard and 77th street and permitting this sign to extend beyond the building line not more than 8 ft., provided it is erected at least 10 ft. above the sidewalk and advertising only the brand of gasoline on sale and excluding all other signs of every nature; that there shall be no signs attached to the garage building either on the side walls facing Northern boulevard or on the roof; that the boilerroom erected in the existing garage shall be of fireproof construction, entirely separated from the balance of the garage and enterable only from the exterior; that no additional entrance shall be constructed to the existing garage other than those existing, as permitted under this calendar number under resolution adopted by the board on July 8, 1924; that plans showing this enlarged gasoline station and garage alterations and the adjoining gasoline station to the west, as permitted under Cal. No. 228-35-BZ, under resolution of this date, shall be submitted to the board and approved by the chairman in behalf of the board before same are filed with the commissioner of buildings; that all permits shall be obtained within six months and all work completed within one year from the date of this action."

28-35-BZ.

APPLICANT—Alfred H. Eccles, for Charles H. Ely, owner.

SUBJECT—Application for reopening—amendment—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

REMISES AFFECTED—76-13 to 76-15 Northern boulevard, north side, 50 ft. west of 77th street (Block No. 1172, Lot No. 45), Jackson Heights, Borough of Queens.

PEARANCES—

For Applicant: Bernard Trencher and Alfred H. Eccles.

CTION OF BOARD—Application reopened and resolution amended.

HE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

HE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

HE RESOLUTION—

(228-35-BZ)

WHEREAS, Alfred H. Eccles, for Charles H. Ely, owner, ed August 15, 1935, an application under the building ne resolution, to permit in a business district the erection d maintenance of a gasoline service station; premises -13 to 76-15 Northern boulevard, north side, 50 ft. west

of 77th street (Block No. 1172, Lot No. 45), Jackson Heights, Borough of Queens; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, October 22, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Northern boulevard is in a business district; 77th street and 76th street are in a residence district; and

WHEREAS, the decision of the commissioner of buildings, rendered July 31, 1935 (re N. B. Permit No. 2855-1935), reads:

"1. The erection of a gasoline selling station in a business district is contrary to Article 2, Section 4 of the Zone Resolution."

and WHEREAS, the premises consists of a plot of ground with a frontage of 50 ft. on Northern boulevard and a depth of 100 ft., on which it is proposed to erect a one-story structure, 50 ft. by 40 ft. in area, to be used as a lubritorium, utility room, toilet rooms, etc., and the necessary tanks and pumps; the premises to be used in conjunction with the adjoining premises as a gasoline service station; and

WHEREAS, the board deemed that applicant had substantiated his basis of appeal under section 21 of the building zone resolution, and was, therefore entitled to relief; and

WHEREAS, the application was granted by the Board Oct. 22, 1935 on certain conditions and applicant requested an amendment of the resolution

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is granted under section 21, to permit the premises under appeal to be used for a gasoline service station in conjunction with the front portion of the property under appeal, under Cal. No. 58-24-BZ, on condition, that the entire premises shall be leveled substantially to the grade of Northern boulevard and that the building shall be constructed, as indicated on plans filed with this appeal, and constructed with face brick or brick or cement block stuccoed with face brick trimmings and concrete coping and metal cornices painted; that there shall be erected on the interior lot line to the west continuously from the rear to Northern boulevard, a wall not less than 7 ft. in height and suitably coped, this wall to be constructed of brick or cement blocks and suitably coped with cement or other approved material; this wall to be stuccoed and with brick trimmings to agree with design of accessory buildings; that this wall may, however, be constructed at a height of 4 ft. at the Northern boulevard line and stepped up at the rate of one foot in four to the 7 ft. height; that there shall be no openings in this wall or on the accessory building on the lot line to the west or to the adjoining garage; that the accessory buildings shall be constructed of fireproof materials except that the roof beams, roof boarding, door frames and doors, window frames and sash may be of wood, provided the ceilings throughout are fire-retarded in accordance with the rules of the Board of Standards and Appeals and the roof is weather surfaced with non-inflammable material; that the entire plot shall be cement paved including the rear portion back of the accessory building; that the heater room shall be entirely separated from the balance of the accessory building by fireproof construction, enterable only from the exterior; that there shall be no open excavation under any of these buildings except the pits for the greasing racks; that the greasing racks shall have open fronts unless the pit space is ventilated through the roof by means of ducts, with ventilation actuated by a spark proof and vapor proof fan; that all gasoline pumps erected shall be not nearer than 10 ft. to the street building line of Northern boulevard; that advertising shall be limited to the illuminated globes of the pumps and to a permanent

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flat sign attached to the front of the accessory building, excluding all other signs of a temporary nature, but permitting a post standard to be erected within the building line of Northern boulevard, this post standard to carry an illuminated sign extending not more than 8 ft. beyond the building line and erected at least 10 ft. above the sidewalk and advertising only the brand of gasoline on sale; that this plot may be used in conjunction with the existing gasoline station on the premises adjoining to the east covered by Cal. No. 58-24-BZ, as amended of this date; that there shall be erected on Northern boulevard, a concrete curbing not less than 12 inches in width and not over 5 inches in height with rounded top with not over two openings to Northern boulevard, each opening not to exceed 20 ft. in width and no part of any opening being nearer than 5 ft. to the westerly interior lot line; that there shall be no automobile repairing permitted on the premises; that there shall be no parking of cars other than those being serviced; that there shall be no portable gasoline pumps used on or from the premises; that complete working drawings including also the revision in connection with the adjoining premises, covered by Cal. No. 58-24-BZ, shall be submitted to the board and approved by the chairman in behalf of the board, before same are filed with the commissioner of buildings; that all permits shall be obtained within six months and all work completed within one year from the date of this action.

APPEALS FROM ADMINISTRATIVE ORDERS

328-33-A.

APPELLANT—Martin J. Ort, for Edward P. Doyle, for Joseph I. Girardi, owner.

SUBJECT—Appeal from a decision of the commissioner of buildings.

PREMISES AFFECTED—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), Borough of The Bronx.

APPEARANCES—

For Appellant: None.

For Administration: None.

ACTION OF BOARD—Laid over to January 14, 1936, at 2 p. m., on written request of appellant.

293-35-A.

APPELLANT—Carnival Art Corp., lessee.

SUBJECT—Appeal from an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—39 West 19th street (10th floor), (Block No. 821, Lot No. 14), Borough of Manhattan.

APPEARANCES—

For Appellant: Samuel Mandell.

For Administration: Inspector Maher of Department of Buildings.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(293-35-A)

WHEREAS, Carnival Art Corp., lessee, filed October 23, 1935, an appeal from an order and a decision of the commissioner of buildings affecting premises 39 West 19th street (10th floor), (Block No. 821, Lot No. 14), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated July 16, 1935, Order No. 23179-F, reads:

"1. Provide approved spray room or booth as per rules of the Board of Standards and Appeals.

2. Provide vapor tight globes on electric lights.
3. Provide keyless sockets.
4. Provide rigid type electric fixtures, as per spray rules.
5. Have person in charge of spraying secure a certificate of fitness, as per spray rules of the Board of Standards and Appeals."

and

WHEREAS, the decision of the commissioner of buildings, dated October 7, 1935, reads:

"You are advised that the records of this department show the following order is pending. These are mandatory requirements of law.

Order No. 23179-F Items 1, 2, 3, 4, 5.

This case is being forwarded for immediate enforcement.

The next inspection will be for the purpose of serving a subpoena unless the work of compliance is found in substantial progress."

and

WHEREAS, the building is fireproof, 12 stories in height, 108 ft. by 85 ft. in area; OCCUPIED as a tenant factory, not more than 15 persons per story; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1910, no certificate of occupancy has been issued; the present use of the 10th story began in 1926, spraying work with lacquer paint is done about once a week and only on reorders of numbers placed previously; the cloth is laid on the table, a pattern laid over the cloth and the worker sprays along the length of the table; there are practically no fumes and the room is well ventilated by two powerful exhaust fans that changes the air every three minutes; dozens of other firms in New York are using the same equipment and it is also mostly used for other types of printing therefore making it impossible to adapt the equipment to the rules of the board for spraying; furthermore, several inspections have been made by various departments during the past ten years; an order from the Labor Department to "provide exhaust system to remove fumes or other impurities created, generated or released by spraying" was complied with and dismissed of record February 1, 1933; the applicant keeps about 5 gallons of lacquer paint on the premises.

Resolved, that the order of the commissioner of buildings, No. 23179-F, be and it hereby is *modified* and that the appeal be and it hereby is *granted* to permit in the premises under appeal, occupied by the Carnival Art Corporation on the 10th floor of this building with an area not exceeding 40 by 100 ft., the work of spraying with lacquer as described by the applicant in statement attached to this appeal, *on condition* that the amount of lacquer and lacquer solvents on hand on the premises shall not at any time exceed ten (10) gallons; that such materials shall be stored at all times in approved cabinets and no other explosive material shall be kept on the premises; that the spraying shall be done by air guns, each having a magazine capacity of not over one pint; that the electric fans as indicated to provide ventilation shall be maintained and operated at all times while the work is being carried on; that the person in charge of the spraying shall obtain a certificate of fitness from the fire chief and commissioner, in accordance with the rules of the Board of Standards and Appeals; that this modification shall continue only so long as the premises are used by this company and as herein permitted.

321-35-A.

APPELLANT—Preferred Utilities Company for John D. Rockefeller, Jr., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—100-104 Morningside avenue and 403-407 West 123rd street, northwest corner (Block No. 1964, Lot Nos. 29 and 33), Borough of Manhattan.

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APPEARANCES—

For Appellant: Frank Glanz.

For Administration: Inspector Maher of Department of Buildings and Inspector Meyer of Fire Department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(321-35-A)

WHEREAS, Preferred Utilities Company, for John D. Rockefeller, Jr., filed November 9, 1935, an appeal from an order of the commissioner of buildings affecting premises 100-104 Morningside avenue and 403-407 West 123rd street, northwest corner (Block No. 1964, Lot Nos. 29-33), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated October 23, 1935, Order No. 25016-F, reads:

1. Provide a self-closing fireproof door at opening leading from boiler room as per Rule 2 of the Rules and Regulations of the Board of Buildings.
2. Provide an approved pump or anti-syphon valve and locate same at the highest point in supply line, as per Rule 8B of the Fuel Oil Rules.
3. Place a portable fire extinguisher of not less than two quarts capacity for extinguishing oil fire near each heating apparatus as per Rule 2, Sub-div. H of the Rules and Regulations of the Board of Buildings.
4. Protect ceiling directly over and for a space of two feet beyond each side of smokepipe with fire retarding material. Rule 14-A of the F.O.R.
5. Make arrangements with this department for an inspector to witness test of fuel oil carrying piping, as per Rule 10, Sec. 3 of the F. O. Rules and the Rules and Regulations of the Board of Buildings.
6. Make arrangements with this department for an inspector to witness test of tank as per Rule 10, Sec. 3 of the Fuel Oil Rules, and rules and regulations of the Board of Buildings.
7. Expose oil storage tank and piping for proper inspection as per Rule 10, Sec. 1-C of the Fuel Oil Rules.
8. Provide a tight metal box with means for locking at delivery terminal of fuel oil pipe, cover to be provided with raised letters, reading, "Fuel Oil," as per Rule 7, Sec. 4-D, F.O.R.

and

WHEREAS, the building is non-fireproof, 5 stories in height, 100 ft. by 117 ft. in area; OCCUPIED as a Class A multiple dwelling, located within a residence district; and

WHEREAS, the applicant claims the building was erected in 1905; no certificate of occupancy has been issued; plans were filed and approved by the commissioner of buildings for the installation of an oil burning system; in course of the work inspection was made by the Bureau of Combustibles of the Fire Department who tested the tank and piping to 50 lbs.; a final inspection was made after the tank test and the oil storage permit No. 17222 was granted April 8, 1935, by the fire commissioner; furthermore, the oil burning system has been installed in full compliance with all the requirements under the oil burning rules of the Board of Standards and Appeals; the applicant contends that under the above conditions, the commissioner of buildings is in error by issuing Order No. 25016-F, and that such order should be rescinded.

Resolved, that the order of the commissioner of buildings, dated October 23, 1935, be and it hereby is *modified*, as to Order No. 25016-F, and that the appeal be and it hereby is *granted*, waiving the requirements for an anti-syphon valve in accordance with Rule 8B of the Oil Burner

Rules of the Board of Standards and Appeals, *on condition* that oil not lighter than No. 6 is used; that the ceiling directly over and for a space of two feet beyond each side of the smoke pipe shall be fire-retarded in accordance with Rule 14A of the Oil Burner Rules of the Board of Standards and Appeals; that the fireproof doors in the boiler-room and partition shall be made self-closing in accordance with Section 65 of the Multiple Dwelling Law; that upon completion of the work in accordance with the conditions above imposed, the order of commissioner of buildings, No. 25016-F, shall be deemed complied with and dismissed; that in all other respects the installation shall comply with the Oil Burner Rules of the Board of Standards and Appeals.

322-35-A.

APPELLANT—Preferred Utilities Company for John D. Rockefeller, Jr., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—418 West 124th street, south side, 352 ft. west of Morningside avenue (Block No. 1964, Lot No. 46), Borough of Manhattan.

APPEARANCES—

For Appellant: Frank Glanz.

For Administration: Inspector Maher of Department of Buildings and Inspector Meyer of Fire Department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney 4
Negative 0
Absent 0

THE RESOLUTION—

(322-35-A)

WHEREAS, Preferred Utilities Company for John D. Rockefeller Jr., filed November 9, 1935, an appeal from an order of the commissioner of buildings affecting premises 418 West 124th street, S.S. 352 ft. west of Morningside avenue (Block No. 1964, Lot No. 46), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated October 23, 1935, Order No. 25020-F, reads:

1. Make arrangements with this department for an inspector to witness test of fuel oil carrying piping, as per Rule 10, Sec. 3 of the Fuel Oil Rules, and Rules and regulations of the Board of Buildings.
2. Make arrangements with this department for an inspector to witness test of tank, as per Rule 10, Sec. 3 of the Fuel Oil Rules, and rules and regulations of the Board of Buildings.
3. Expose oil storage tank and piping for proper inspection, as per Rule 10, Sec. 1-C of the Fuel Oil Rules.
4. Place a portable fire extinguisher of not less than two quarts capacity for extinguishing oil fire near each heating apparatus as per Rule 2, Sub-Div. H of the Rules and Regulations of the Board of Buildings.
5. Make fireproof doors to boiler room self-closing, Board of buildings.
6. Provide a tight metal box with means for locking at delivery terminal of fuel oil fill pipe, cover to be provided with raised letters, reading: "Fuel Oil", as per Rule 7, Sec. 4-D of the Fuel Oil Rules."

and

WHEREAS, the building is non-fireproof, 5 stories in height, 25 ft. by 85 ft. in area; OCCUPIED as a Class A multiple dwelling, located within a residence district; and

WHEREAS, the applicant claims the building was erected in 1905; no certificate of occupancy has been issued; plans were filed and approved by the Commissioner of Build-

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ings for the installation of an oil burning system; in course of the work inspection was made by the Bureau of Combustibles of the Fire Department who tested the tank and piping to 50 lbs.; a final inspection was made after the tank test and the oil storage permit No. 17223 was granted April 8, 1935 by the Fire Commissioner; furthermore, the oil burning system has been installed in full compliance with all the requirements under the oil burner rules of the Board of Standards and Appeals; the applicant contends that under the above conditions, the Commissioner of Buildings is in error by issuing Order No. 25020-F, and that such order should be rescinded.

Resolved, that the order of the Commissioner of Buildings, dated October 23, 1935, No. 25020-F, be and it hereby is *modified* and that the appeal be and it hereby is *granted on condition* that the fireproof doors to the boilerroom shall be made self-closing in accordance with the requirements of Section 65 of the Multiple Dwelling Law and that upon completion of this work this order, No. 25020-F, shall be deemed complied with and the order dismissed.

323-35-A.

APPELLANT—Preferred Utilities Company for John D. Rockefeller, Jr., owner.

SUBJECT—Appeal from an order of the commissioner of buildings.

PREMISES AFFECTED—426 West 124th street, south side, 425 ft. west of Morningside avenue (Block No. 1964, Lot No. 50), Borough of Manhattan.

APPEARANCES—

For Appellant: Frank Glanz.

For Administration: Inspector Maher of Department of Buildings and Inspector Meyer of Fire Department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(323-35-A)

WHEREAS, Preferred Utilities Company for John D. Rockefeller, Jr., filed November 9, 1935, an appeal from an order of the commissioner of buildings affecting premises 426 West 124th street, south side of, 425 ft. west of Morningside avenue (Block No. 1964, Lot No. 50), Borough of Manhattan; and

WHEREAS, the order of the commissioner of buildings, dated October 25, 1935, Order No. 25060-F, reads:

- "1. Place a portable fire extinguisher of not less than two quarts capacity for extinguishing oil fire near each heating apparatus as per Rule 2, Sub-div. H of the rules and regulations of the Board of Buildings.
2. Make fireproof door to boiler room self-closing, rules of the Board of Buildings.
3. Provide a tight metal box with means for locking at delivery terminal of fuel oil fill pipe, cover to be provided with raised letters, reading: "Fuel Oil" as per Rule 7, Sec. 4-D of the Fuel Oil Rules.
4. Make arrangements with this department for an inspector to witness test of fuel oil carrying piping as per Rule 10, Sec. 3 of the Fuel Oil Rules and rules and regulations of the Board of Buildings.
5. Make arrangements with this department for an inspector to witness test of tank as per Rule 10, Sec. 3 of the Fuel Oil Rules and rules and regulations of the Board of Buildings.
6. Expose oil storage tank and piping for proper inspection, as per Rule 10, Sec. 1-C of the Fuel Oil Rules."

and

WHEREAS, the building is non-fireproof, 5 stories in height, 25 ft. by 85 ft. in area; OCCUPIED as a Class A multiple dwelling, located within a residence district; and

WHEREAS, the applicant claims the building was erected in 1905, no certificate of occupancy has been issued; plans were filed and approved by the commissioner of buildings for the installation of an oil burning system; in course of the work inspection was made by the Bureau of Combustibles of the Fire Department who tested the tank and piping to 50 lbs.; a final inspection was made after the tank test and the oil storage permit No. 17221 was granted April 8, 1935, by the fire commissioner; furthermore, the oil burning system has been installed in full compliance with all the requirements under oil burning rules of the Board of Standards and Appeals; the applicant contends that under the above conditions, the commissioner of buildings is in error by issuing Order No. 25060-F that such order should be rescinded.

Resolved, that the order of the commissioner of buildings, dated October 25, 1935, No. 25060-F, be and it hereby is *modified* and that the appeal be and it hereby is *granted on condition* that the fireproof doors to the boiler room shall be made self-closing in accordance with Section 65 of the Multiple Dwelling Law; that upon completion of this work, Order No. 25060-F shall be deemed complied with and the order dismissed and that in all other respects the installation shall comply with the oil burner rules of the Board of Standards and Appeals.

VARIATION OF LABOR LAW

268-35-S.

APPLICANT—Ansonia Fire Prev. Eng. Co., Inc., for LeBlang Realty Corporation, owner.

SUBJECT—Variation of the labor law as cited in an order and a decision of the commissioner of buildings.

PREMISES AFFECTED—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Borough of Manhattan.

APPEARANCES—

For Applicant: Herman E. Horwood.

For Administration: Inspector Maher of Department of Buildings.

ACTION OF BOARD—Laid over to January 7, 1936, at 2 p. m., for applicant to obtain additional information.

APPLIANCES SUBMITTED FOR APPROVAL

187-33-SA.

APPLICANT—David M. Kaufman for Oil Equipment Laboratories, owner.

SUBJECT—Application for reopening—consideration—re Rotoflame Oil Burner.

APPEARANCES—

Applicant. David M. Kaufman.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO AMEND RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(187-33-SA)

WHEREAS, Charles M. Spindler, for Oil Equipment Lab-

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oratories, owner, filed, May 17, 1933, an application with the Board of Standards and Appeals for approval of their device known as the Rotoflame Oil Burner; and

WHEREAS, this device was submitted to the fire department for test and report, and a report of the assistant chief of the Bureau of Combustibles, Fire Department, dated July 26, 1933, recommends the approval of this device; and

WHEREAS this device was approved by the board July 14, 1933, on certain conditions and owner through his agent David Kaufman requested a change of name.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Rotoflame Oil Burner, hereafter to be known as the Rotoflame Gem Oil Burner, for use in domestic and commercial installation, for use with oil not heavier than No. 2, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals; that all installations shall bear a permanently fixed label reading as follows:

NOTICE

APPROVED BY THE BOARD OF STANDARDS AND APPEALS

For Use in New York City
Under Cal. No. 187-33-SA.

205-34-SA.

APPLICANT—Abel & Tait, substituted for the Pacent Engineering Co., agent for Firetox System, Inc., owner.

SUBJECT—Automatic Firetox Extinguisher, approval of.
APPEARANCES—

For Applicant. Robert M. Tait.

ACTION OF BOARD—Resolution adopted, referring matter to the Fire Department.

THE VOTE TO ADOPT RESOLUTION—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(205-34-SA)

WHEREAS, Henry L. Connell, for Pacent Engineering Company, agent for Firetox System, Inc., owner, filed

July 16, 1934, an application with the Board of Standards and Appeals for approval of their device known as the Automatic Firetox Extinguisher; and

WHEREAS, the application was withdrawn January 29, 1935, and reopened by vote of the board February 19, 1935, a new agent, Abel & Tait, having been substituted for the Pacent Engineering Company; and

WHEREAS, in the establishment of the Board of Standards and Appeals under the provisions of Chapter 503 of the Laws of 1916, all rules of administrative officials previously in effect became rules of the Board of Standards and Appeals; and

WHEREAS, the Corporation Counsel in 1917 certified as to such existing rules, among others, General Instruction No. 39 of the Board of Standards, Fire Department; and

WHEREAS, General Instruction No. 39 of the Board of Standards, relating to portable fire appliances, fire extinguishers, reading "Type of fire extinguishers now approved by the New York Board of Fire Underwriters will be accepted by the Fire Department" was certified to the Board of Standards and Appeals, as part of the rules of this board; and

WHEREAS, in the absence of any further action by this board adopting rules and regulations governing portable fire extinguishers, this rule is still in force and effect; and

WHEREAS, it appears that the fire extinguisher known as Firetox has been approved for certain uses by both the Underwriters' Laboratories (New York Board of Fire Underwriters) and the Factory Mutual Laboratories; and

WHEREAS, the board deems that in view of the above action of the Underwriters and the existing rule No. 39 of the Board of Standards, now a rule of the Board of Standards and Appeals, that no further action by this board is necessary.

Resolved, that this device, known as the Automatic Firetox Extinguisher, comes within the purview of Rule 39 of the former Board of Standards of the Fire Department, now a rule of the Board of Standards and Appeals, subject to the limitations of the testing laboratory reports and the requirement of the administrative official having jurisdiction.

Adjourned, 4:15 p. m.

EDWARD V. BARTON, *Chief Clerk*.

SPECIAL NOTICE

There is now on display in one of the rooms in this Board a set of seven maps of the City of New York, covering the real property inventory report, prepared by

the Mayor's Committee on City Planning. If interested, these maps may be seen any week day and up to 12 o'clock on Saturdays.

NOTICE

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain such

copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c.

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

EXTRACTS FROM CHAPTER 10, CODE OF ORDINANCES OF THE CITY OF NEW YORK, RELATING TO REFRIGERATING SYSTEMS AS AMENDED JANUARY 29, 1935.

ARTICLE 1.

General Provisions.

§1. Definitions.

Unless otherwise expressly stated, whenever used in this chapter the following terms shall respectively be deemed to mean:

33. Refrigerating system, a combination of apparatus in which a refrigerant is circulated for the purpose of extracting heat.

(a) The parts of the system are the compressor, generator, condensor, absorber, receiver, shell type or tube type apparatus, pipes, vessels, or other parts, containing refrigerant.

(b) Direct refrigeration, a system in which the refrigerant is circulated to the substance or space refrigerated.

(c) Indirect refrigeration, a system in which brine cooled by the refrigerant is circulated to the substance or space refrigerated.

(d) Refrigerant is the chemical agent other than brine used to produce refrigeration.

(e) Irritant refrigerant, any refrigerant which when breathed attacks the throat or lungs.

(f) Hydrocarbon refrigerants, any refrigerant of the hydrocarbon class.

(g) Flammable refrigerant, any refrigerant which will burn or explode when mixed with certain proportions of air.

(h) Refrigerating machinery room, a room in which is located a refrigerating system containing refrigerant, but not including expansion coils when located in cold storage rooms or expansion coils when located in refrigerator boxes.

(i) Factor of safety, the multiple three and one-third ($3\frac{1}{3}$), the product of which and the test pressure, constitutes the probable rupture pressure.

(j) Pressure imposing element, that apparatus which draws the refrigerant from the low pressure or low temperature side of the system and discharges it into the high pressure or high temperature side of the system.

(k) Pressure limiting device, a pressure or temperature responsive mechanism for automatically stopping the operation of the pressure imposing element.

(l) Brine, any liquid which having been cooled by the refrigerating system is used for the transmission of heat.

(m) Pressure relief device, a pressure relief valve, a rupture member, fusible plug or other approved device for relieving the pressure.

(n) Pressure relief valve, a valve held shut by a spring or other means to automatically relieve pressure in excess of its setting.

(o) Rupture member, a device that will automatically rupture at a pre-determined pressure.

(p) Liquid receiver, a vessel permanently connected to a system by inlet and outlet pipes for storage of a liquid refrigerant.

(q) Container, a cylinder for the shipment of refrigerant constructed to conform to the regulations of the Interstate Commerce Commission.

(r) Mixer, a vessel or device in a system for mixing the ammonia or other soluble vapor with water.

(s) Stop valve, a cut-off valve for use during normal operation.

(t) Service valve, a key-operated shut-off valve used only during shipment, installation or repairs.

(u) Fusible plug, a device having a predetermined-temperature fusible member for the relief of pressure.

(v) Public buildings, business buildings, and residence buildings are buildings as so defined by section 70, Article 4, of the Building Code of the City of New York.

NOTE:—**Public Buildings.** Public buildings are buildings or parts of buildings in which persons congregate for civic, political, educational, religious or recreational pur-

poses, or in which persons are harbored to receive medical, charitable or other care or treatment, or in which persons are held or detained by reason of public or civic duty, or for correctional purposes, including among others, court houses, schools, colleges, libraries, museums, exhibition buildings, lecture halls, churches, assembly halls, lodge rooms, dance halls, theatres, bath houses, hospitals, asylums, armories, fire houses, police stations, jails and passenger depots.

NOTE:—**Residence Buildings.** Residence buildings are buildings or parts of buildings in which sleeping accommodations are provided, except such as may for other reasons be classed as public buildings, including among others, dwellings, tenement houses, hotels, lodging houses, dormitories, convents, and studios and club houses having sleeping accommodations.

NOTE:—**Business Buildings.** Business buildings are buildings or parts of buildings, which are not public buildings or residence buildings, including among others, office buildings, stores, markets, restaurants, warehouses, freight depots, car barns, stables, garages, factories, laboratories, smoke houses, grain elevators and coal pockets.

ARTICLE 3.

Bonds and Fees.

§43. Fees for Permits.

Applicants for permits under the provisions of this chapter shall pay annual fees as follows:

35. Refrigerating systems:	
Class A systems.....	\$20.00
Class B systems.....	10.00
Class C systems containing over six pounds of refrigerant	5.00
Class C systems containing six pounds or less of refrigerant.....	1.00

ARTICLE 18.

Refrigerating Systems.

Section 216.	Permits.
" 217.	Supervision.
" 218.	Classification.
" 219.	Permissible locations.
" 220.	Machinery rooms and ventilation.
" 221.	Open flames and electrical equipment.
" 222.	Testing.
" 223.	Piping.
" 224.	Safety devices.
" 225.	Size of safety devices.
" 226.	Location and discharge of safety devices.
" 227.	Operating precautions.
" 228.	Equipment diagrams.

§216. Permits.

(a) Except as hereinafter provided in this article it shall be unlawful to maintain or operate a refrigerating system without a permit.

(b) A permit will not be required for a Class C system when maintained or operated in the residence portion of a dwelling containing not more than two families, or in the residence portions of either a tenement house or a business building.

(c) No refrigerating system shall be maintained or operated employing a refrigerant other than those specified in this article without a permit issued upon such conditions, consistent with the provisions of this article, as are deemed by the fire commissioner necessary in the interest of public safety.

NOTE:—The Fire Chief and Commissioner prescribed under date of April 4, 1934, the following:

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1. That the refrigerants dichlorodifluoromethane, known as "Freon" ("Kinetic No. 12" also "F-12") CCl_2F_2 , also dichlorotetrafluoroethane ("F-114") $\text{C}_2\text{Cl}_2\text{F}_4$ and monofluorotrichloromethane ("F-11" CFC_1_3 are non-flammable and non-irritant, unless otherwise hereinafter provided, and shall be regulated in accordance with the provisions of Article 18 of Chapter 10 of the Code of Ordinances, as such, except, when used in a room or rooms in which there is an open flame or apparatus to produce an open flame, when the provisions of said article covering irritant refrigerants shall apply.

2. That refrigerating systems employing F-11; F-12 or F-114 are restricted to parts of a building so specified in Section 219 (b) for refrigerants other than non-irritant and non-flammable.

3. That refrigerating systems employing F-11; F-12 or F-114 used for air conditioning are restricted to the indirect method except that the direct method may be used in parts of a building so specified in Section 219 (b) for refrigerants other than non-irritant and non-flammable.

4. That refrigerating systems employing F-11; F-12 or F-114 shall not be installed or maintained in or on the stairways, halls, lobbies, entrances, exits or auditoriums of any building.

5. That refrigerating systems employing F-11; F-12 or F-114, shall not be installed or maintained in a hospital, unless the entire system is confined in a fireproof machinery room, used for no other purpose, and in which no open flame shall be employed, except that the Class "C" system containing not more than 10 pounds of refrigerant may be used in a diet kitchen which shall be cut off from the rest of the building by a tight fitting self-closing door or doors and provided with a window or windows to the outside air. All open flames, and/or apparatus for producing an open flame, in diet kitchens where these refrigerants are used shall be vented to the outside air as hereinafter required in Paragraph 8.

6. That refrigerating systems employing F-11; F-12 or F-114 may be installed or maintained in a hospital private room, having tight partitions and tight fitting self-closing door or doors and where not more than two persons are helpless and/or given medical treatment, provided there is no open flame and/or apparatus for producing an open flame in such room and when the system contains not more than 10 pounds of refrigerant.

7. That a refrigerating system employing F-11; F-12 or F-114 shall not be installed or maintained in a theatre and/or motion picture theatre unless the entire system is confined in a fireproof machinery room, used for no other purpose, and in which no open flame and/or apparatus to produce such open flame shall be employed.

8. That a refrigerating system employing F-11; F-12 or F-114 when used in a room or rooms in which there is an open flame or apparatus to produce such open flame, such open flame and/or apparatus shall be provided with a hood and independent mechanical ventilation so arranged as to convey all the products of combustion to the outside of the building. This provision shall apply only to diet kitchens of hospitals and to Class "C" systems in schools, churches, dance halls, court rooms, police stations, jails, asylums, subways, passenger depots, rooms opening into passenger depots and/or subways and such other places as are deemed by the Fire Commissioner necessary in the interest of public safety.

9. That each refrigerating machinery room in any building in which F-11; F-12 or F-114 are used, shall be maintained vapor-tight and provided with tight fitting, self-closing doors, in accordance with Section 220-1-(a).

10. That each refrigerating machinery room in which F-11; F-12 or F-114 is used, shall be adequately ventilated directly to the outside air in accordance with Section 220-(2) a-b-c and d.

11. Tests pressures and setting of safety valves for systems employing F-11, F-12 or F-114, shall be included in Section 222 (a) as follows:

Refrigerant	Column No. 1	Column No. 2	Column No. 3
F-11	25	15	15
F-12	180	120	135
F-114	60	30	30

12. That the size of pressure relief valves for systems in which F-11, F-12 or F-114 is employed, shall be as follows:

Capacity of System	Number Required
Up to 30 tons	One $\frac{1}{2}$ inch
30 to 60 "	One $\frac{3}{4}$ "
60 to 100 "	One 1 "
100 to 175 "	One $1\frac{1}{4}$ inches
175 to 250 "	One $1\frac{1}{2}$ "
250 to 450 "	One 2 "
450 to 900 "	Two 2 "

13. That the storage of F-11, F-12 or F-114 shall conform with Section 227-3 (e) for other refrigerants.

14. That all other sections or parts of Article 18 of the Refrigerating Code not so mentioned, shall be complied with.

15. That refrigerating systems employing F-11, F-12 or F-114, installed prior to May 19, 1932, shall be inspected, and if found to comply with the rules, or if in the opinion of the Fire Commissioner, the installations are of a non-hazardous character, a permit may be issued. Installations which have been made in hospitals, theatres, asylums and places of public assembly shall be made to comply strictly with these rules.

(d) A permit, where required, shall be applied for forty-eight hours after installation is completed, containing the name of the person for whom the system is installed and the place of location of the system.

(e) Only the refrigerant specified in the permit shall be used in the system.

(f) Refrigerating systems to which these provisions cannot be applied, may be maintained and operated subject to such conditions as are deemed necessary by the fire commissioner.

§217. Supervision.

(a) No refrigerating system containing more than fifty (50) pounds of refrigerant shall be maintained or operated in any building except under the personal supervision, direction or control of either a duly licensed engineer or a person who has obtained a certificate of qualification to operate such a system from the department of buildings. Where the system contains not more than two hundred (200) pounds of refrigerant and is fully automatic only one qualified operator will be required.

(b) No Class C system as hereinafter permitted for exhibition or demonstration purposes shall be maintained or operated in a public building or exhibition hall except under the personal supervision, direction or control of either a duly licensed engineer or a person who has obtained a certificate of qualification to operate such a system from the department of buildings.

(c) Upon receipt of such certificate the applicant therefor shall pay an annual license fee as follows: For the initial fee \$5, and for a renewal thereof the sum of \$1 if such renewal be applied for within thirty days prior to the expiration of such certificate. Any such certificate may be revoked or suspended for cause at any time by the commissioner of buildings.

§218. Classifications.

(a) The total amount of refrigerant common to a system operating through one or more evaporators, shall be considered the capacity of the system and determine its class.

(b) A Class A system is a system containing one thousand (1,000) pounds or over of refrigerant, or capable of thirty (30) tons capacity or over.

(c) A Class B system is a system capable of less than thirty (30) tons capacity, or containing less than one thousand (1,000) pounds of refrigerant and over the amounts provided for in a Class C system.

(d) A Class C system is a system containing not more than twenty (20) pounds of refrigerant.

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§219. Permissible Locations.

(a) No Class A or Class B systems shall be installed in any public building as defined by section 70, article 4, of the Building Code, until plans have been filed with and approved by the fire commissioner, and no refrigerant shall be placed in the system until a permit has been obtained from the fire commissioner.

(b) The direct method of refrigeration shall not be used in any building, whether or not a permit is required for installation therein, outside of the refrigerating machinery room except in buildings used exclusively for ice making or for refrigerating purposes or both; when not carried above the first floor in business buildings; in the business sections of business buildings provided the entire system is confined to one floor in the space occupied by a single tenant; in the business section of a residence building when not carried above the first floor; in a residence building occupied by not more than two families or in any building provided a non-irritant and non-flammable refrigerant is used.

(c) No brine shall be used in any brine circulating system that will generate flammable vapor at a temperature below 100 degrees Fahrenheit when tested in a Tagliabue open cup tester, and no refrigerant shall be used as a brine.

(d) No Class A system using ammonia shall be installed or maintained in any building above the first floor level unless such building is used exclusively for icemaking or refrigerating purposes.

(e) Systems on demonstration in exhibition halls shall be limited to the unit type containing not more than ten (10) pounds of refrigerant.

(f) No refrigerating system employing an irritant and/or flammable refrigerant shall be installed or maintained in or on:

1. The stairways, halls, lobbies, entrances, exits, auditoriums of any building.
2. Dance hall, court room, police station, jail, subway, theatre, motion picture theatre.
3. Waiting or public rooms in a railroad passenger depot and/or rooms opening directly therein.
4. Rooms opening directly into a subway, and/or theatre, and/or motion picture theatre and/or where persons are detained and/or confined.
5. A school unless the refrigerating system is used exclusively for instructions or research purposes.
6. A hospital and/or asylum in which persons are confined or given medical treatment and/or helpless.
7. Unless as otherwise required by this section the refrigerating system is cut off from the building by unpierced fireproof construction.

The aforementioned provisions do not apply to hermetically sealed unit systems containing not more than six (6) pounds of refrigerant when located in dance halls, police stations, diet kitchens of hospitals and/or laboratories and when located in rooms shut off from the rest of the building by tight partitions and tight-fitting, solid, self-closing door or doors and located in a room having a window to the outside air.

(g) An intermittent absorption type of refrigerating machine shall not be permitted in a Class A system. Such a type of machine shall be permitted in a Class B system only when a heating medium of low pressure steam is used in its operation.

(h) The use of methyl and ethyl chloride, sulphur dioxide, or a hydro-carbon refrigerant will not be permitted in Class A systems.

(i) A Class B system using ethyl chloride or a hydro-carbon refrigerant shall not be installed or maintained in the Borough of Manhattan or in other built-up sections of the city. Elsewhere, it shall be installed or maintained only in a fireproof building of not more than one story in height, and shall be located on the ground floor, which shall be of unpierced fireproof construction. The refrigerating machinery room shall be cut off from the rest of the building by unpierced fireproof walls of not less than eight inches

(8") of brick or six inches (6") of reinforced concrete. Direct exit therefrom leading to the open air and not to any other part of the building shall be maintained and shall be provided with vapor-tight, self-closing, fireproof door or doors.

§220. Refrigerating Machinery Rooms and Ventilation.

1. Refrigerating machinery rooms.

(a) All refrigerating machinery rooms in which an irritant refrigerant is used shall be maintained vapor-tight except that all doors which open to other parts of the building shall only be required to be self-closing and close fitting, and be kept closed at all times, except during entrance or exit. All other openings that may permit the passage of vapor to other parts of the building shall be vapor-tight and kept closed. No opening from elevator shafts shall be permitted in the refrigerating machinery room. This provision, however, shall not apply to dumb-waiter shafts the door openings of which are protected with self-closing, fire doors or to a system containing less than six (6) pounds of refrigerant. Closets solely contained within and opening only into the refrigerating machinery room shall be considered as part of the room in which it opens.

(b) In Class A and Class B systems in which an irritant refrigerant is used, the doors of the refrigerating machinery rooms shall open outwardly.

2. Ventilation.

(a) Each Class A, B and C refrigerating machinery room of any system shall be independently provided with means for adequate ventilation to the outer air. The ventilation shall consist of a window or windows opening directly to the open air, or mechanical means capable of exhausting the four air from the room.

(b) When a window or windows are used, if placed in opposite walls so as to provide a through air circulation to the outer air, a total area of inlet and outlet, respectively, of not less than that specified in Column D of the table in paragraph (d) shall be provided. When a window or windows are placed in one wall a total area shall be provided not less than that specified in column E of the above-mentioned table.

(c) When mechanical means are used they shall consist of a power-driven exhaust fan of the enclosed case blower type which shall be capable of removing from the refrigerating machinery room the amount of air specified in column B of the table in paragraph (d). The inlet to the fan shall be located near the refrigerating equipment. The outlet from the fan shall terminate not less than six (6) feet above the sidewalk and in no case under a stairway or fire escape. Where air ducts are used on either the inlet or discharge side of the fan they shall each have an area not less than that specified in Column C of the above-mentioned table. Sharp bends in the run of the ducts shall be avoided. The control for such mechanical means of ventilation shall be easily accessible and located outside of the refrigerating machinery room.

(d)

	Pounds of Refriger- ant in System.	Mechan- ical Cu. Ft. per Minute Discharge.	Window Area Mechan- ical Sq. Ft. Duct Area.	Window Area in Sq. Ft. for each Opposite Side.	Window Area in Sq. Ft. for One Side Only.
	A	B	C	D	E
Up to ...	20	150	1/4	1	6
	50	250	1/3	1 1/2	12
	100	400	1/2	2	16
	150	550	2/3	2 1/2	19
	200	680	2/3	3	25
	250	800	1	3 1/2	29
	300	900	1	4	32
	400	1,100	1 1/4	4 1/2	38
	500	1,275	1 1/4	5	42
	600	1,450	1 1/2	6	45
	700	1,630	1 1/2	6 1/2	48

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800	1,800	2	7	51
900	1,950	2	7 1/2	55
1,000	2,050	2	8	59
1,250	2,350	2 1/4	9	68
1,500	2,800	2 1/2	11	78
1,750	3,150	3	12 1/2	87
2,000	3,500	3 1/2	14	95
2,500	4,150	4	16	113
3,000	4,500	4 1/2	18	130
4,000	6,000	6	24	167
5,000	7,500	7 1/2	30	204
6,000	9,000	9	36	241
7,000	10,500	10.5	42	278
8,000	12,000	12	48	315
9,000	13,000	13	52	342
10,000	14,000	14	56	360
12,000	17,000	17	68	425
14,000	19,000	19	75	470
16,000	22,000	22	86	540
18,000	24,000	24	92	580
20,000	26,000	26	100	630
25,000	33,000	33	121	760
30,000	39,000	39	142	870
35,000	44,000	44	155	940
40,000	51,000	51	176	1,060
45,000	56,000	56	190	1,120

Note—Door openings, leading directly to the open air shall be considered equivalent to windows for the requirements specified in columns "D" and "E" of this table.

(e) Where a non-irritant or nonflammable refrigerant is employed, the requirements as given in table (d) may be reduced by one-half. When air or water is employed as the refrigerant no ventilation shall be required.

(f) In lieu of mechanical means of ventilation in refrigerating machinery room or rooms where a Class A system or a Class B system using ammonia is installed, a water deluge may be provided which shall consist of a sprinkler system having open heads of not less than one-quarter inch ($\frac{1}{4}$ ") orifice spaced not more than eight feet apart in any direction, and such system shall be located above all the refrigerating apparatus and piping in the refrigerating machinery room. Not more than one head shall be installed on a $\frac{3}{4}$ -inch pipe; five heads on a 1-inch pipe six heads on a $1\frac{1}{4}$ -inch pipe. The deluge system shall be permanently connected with the main house supply or other assured source from which a constant water pressure of not less than twenty pounds per square inch can be maintained on the inlet side of the main control valve or valves at all times. The control valve or valves for such water deluge system shall be manually operated, easily accessible and shall be labeled and located outside of the refrigerating machinery room.

§221. Open Flames and Electrical Equipment.

1. Open flames.

No fire-flame or arc light will be permitted in a Class A or B refrigerating machinery room in which a flammable refrigerant is used.

2. Electrical equipment.

(a) All Class A and B systems refrigerating systems containing more than fifty (50) pounds of refrigerant shall have an emergency switch controlling all of the electrically-operated refrigerating machinery or the remote control of such a switch located outside of the refrigerating machinery room where it can be quickly reached and operated in case of necessity.

(b) Where the operating mechanism in any system is dependent upon electrical control, such control in a pressure limiting device shall be on a closed circuit. Nothing herein contained shall require a hand reset on an automatic type of refrigerating machine.

§222. Testing.

(a) Every part of any refrigerating system, except pressure gauges and control mechanism, shall be tested to at

least the following pressures. Class A and B systems containing over fifty (50) pounds of refrigerant shall be tested after installation and proved tight before being operated. A dated declaration of such test, signed by the tester, shall be posted in the machinery room.

Refrigerant.	Col. 1. High Pressure Side.	Col. 2. Low Pressure Side.	
		With Safety Valves.	Without Safety Valves.
Carbon dioxide	1,500	750	1,000
Ethane	1,050	520	760
Ammonia	300	150	225
Propane	250	115	175
Methyl chloride	155	80	120
Sulphur dioxide	135	100	100
Iso-butane	90	45	70
Butane	75	35	50
Ethyl chloride	30	15	25
Dichloromethane	12	12	12
Dichloroethylene	12	12	12
Trichloroethylene	12	12	12

§223. Piping.

1. Piping.

(a) All piping, liquid receivers or vessels containing the refrigerant, shall be supported on or by strong and durable materials. This provision shall not apply to Class C installations.

(b) The arrangement of stop valves, relief devices, etc., when used shall be as shown on the diagram for Class A and B systems in section 228.

(c) Every system which may be charged after installation shall have the charging connection located on its low pressure side.

2. Gauge glasses.

(a) Liquid level gauge glasses, except those of the bull's eye type, shall have automatic closing shut-off valves and such glasses shall be adequately protected against injury by slotted metal casings.

§224. Safety Devices.

1. Construction and setting.

(a) Pressure relief valves, pressure limiting devices and rupture members shall be set to prevent the pressure exceeding the test pressure. The pressure at which the device is set to function shall be indicated thereon. (See section 222 (a), columns 1 and 2 of table.

(b) Fusible plugs shall relieve the pressure at a temperature not exceeding 280 degrees Fahrenheit.

2. Use of stop valves.

(a) No stop valve shall be located between a pressure relief device or pressure limiting device and the part of the system protected thereby, unless two pressure relief devices of required size are used, and so arranged that only one pressure relief device can be cut off for repair purposes at any one time.

(b) A Class B system in which no stop valves are used and in which the pressure will equalize throughout the system when the pressure imposing element is not in operation may be protected by only one pressure relief device located on the high pressure side.

3. Ammonia mixer.

(a) The low pressure side of a Class A ammonia system shall be provided with a hand-operated valve for discharging the ammonia into water through a mixer to the sewer in case of emergency.

(b) The ammonia mixer shall be constructed of steel and shall be capable of withstanding a pressure of at least fifty (50) pounds per square inch.

(c) No valve shall be located in the ammonia emergency discharge line except the manually-operated valve discharging into the water and ammonia mixer, but there may be

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one stop valve located inside the building for repair purposes only. This valve shall be sealed open and labeled "Keep Open."

(d) The manually operated pressure relief valve shall be located in a locked box which can be opened by members of the Fire Department by means of a Fire Department key. The door of the box shall be on the public thoroughfare side of the building in an easily accessible location and not less than eighteen (18) inches or more than five (5) feet above the sidewalk level. The box shall be permanently labeled having letters of not less than one (1) inch reading "For Fire Department Use Only." The relief valve shall be labeled "Ammonia." A sign shall be posted within the box reading "Do Not Open Valve Until Water Is Flowing."

(e) A single standard three (3) inch fire department connection shall be provided through which the necessary water may be supplied to the mixer. The fire department connection shall be located near the box and not less than eighteen (18) inches or more than twenty-four (24) inches above the sidewalk level and shall be permanently labeled having letters not less than one (1) inch reading "To Ammonia Mixer." A check valve so set as to prevent gases from reaching the fire department connection shall be installed in the water line between the fire department connection and the water and ammonia mixer.

(f) The fire department shall have sole use of the mixer and supply the necessary water.

(g) In systems using over twenty-seven thousand (27,000) pounds of ammonia there shall be provided one additional water and ammonia mixer for each twenty-seven thousand (27,000) pounds of ammonia or fraction thereof so used in excess.

(h) The ammonia mixer and its connection for a Class A system shall conform to the diagram in section 228.

§225. Size of Safety Devices.

(a) The size of pressure relief valves shall be as follows:

Capacity of System.	CO ₂ and Ethane, No. Req., Size.	Other Refrigerants, No. Req., Size.
Up to 30 tons.....	1—1½"	1—1½"
30 to 60 tons.....	1—1½"	1—¾"
60 to 100 tons.....	1—1½"	1—1"
100 to 175 tons.....	1—1½"	1—1¼"
175 to 250 tons.....	1—¾"	1—1½"
250 to 450 tons.....	1—1"	1—2"
450 to 900 tons.....		2—2"

(b) Where rupture members are permitted and used, the equivalent area of the relief valve specified must be provided.

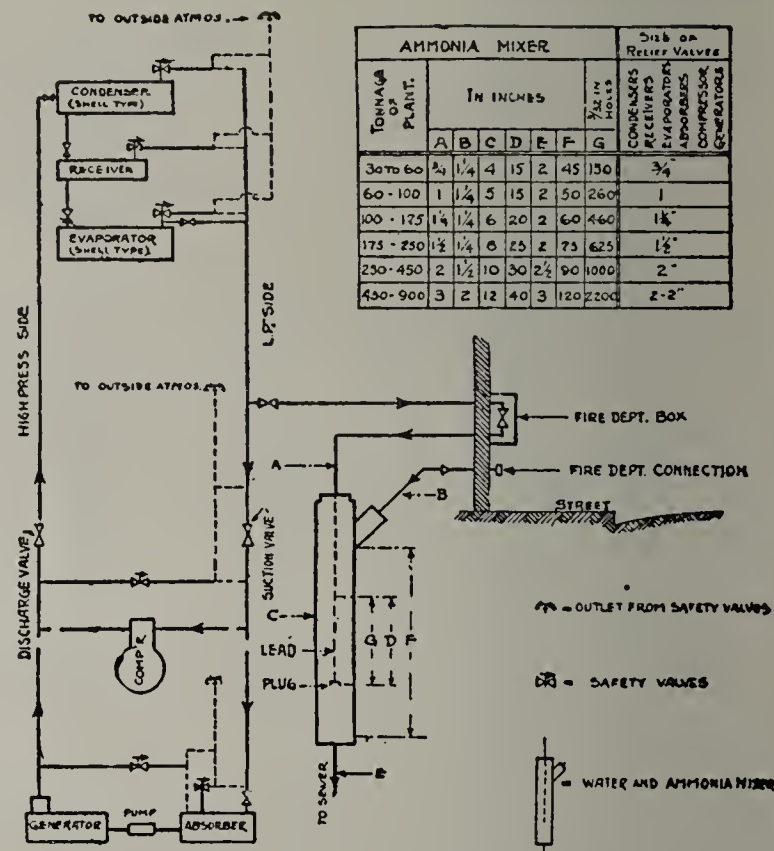
(c) Fusible plugs may be used on all Class C systems and on all Class B systems of the hermetically sealed compression type containing not more than fifty (50) pounds of refrigerant. The free discharge opening shall be one-sixteenth (1/16) inch in diameter.

§226. Location and Discharge of Safety Devices.

1. Location.

(a) A pressure limiting device shall be provided on the high pressure side of each water-cooled refrigerating system containing more than six (6) pounds of refrigerant. A pressure relief valve shall be provided on the high pressure side of each water-cooled refrigerating system containing twenty (20) pounds or more of refrigerant, but it shall not be necessary to discharge the refrigerant to the outside air or water tank from any such refrigerating system containing fifty (50) pounds or less of refrigerant, any other provision of this chapter to the contrary notwithstanding.

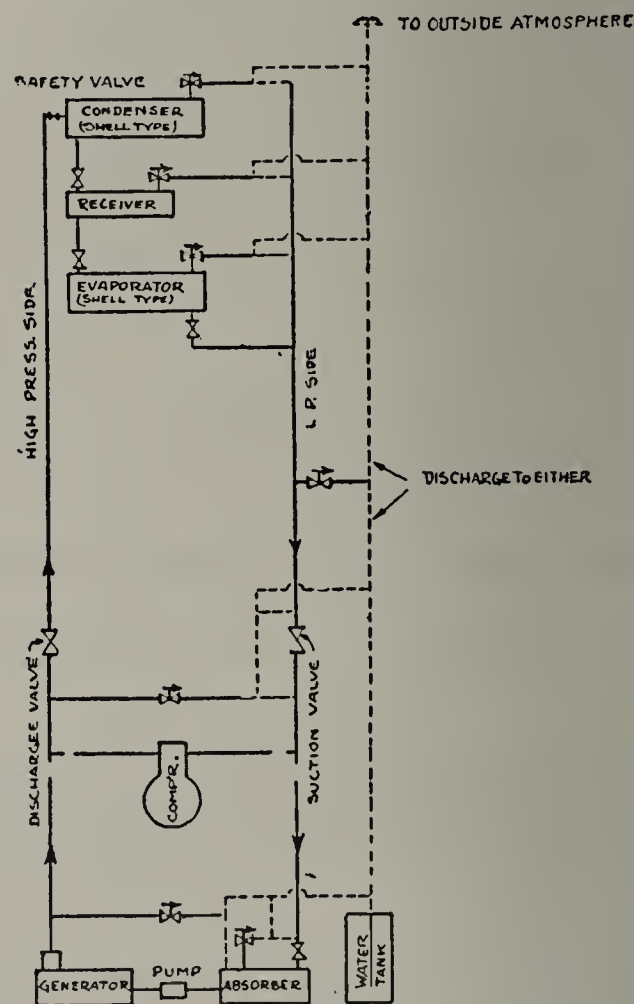
(b) Each compressor or generator of a Class A or B system containing more than 100 pounds of refrigerant shall be protected by a pressure relief valve connected into the high pressure side between the main stop valve and the compressor or generator to relieve excessive pressure as hereinafter provided.



ARRANGEMENT OF PRESSURE RELIEF DEVICES

FOR
CLASS 'A' EQUIPMENT

SECTION 228



ARRANGEMENT OF PRESSURE RELIEF DEVICES

FOR
CLASS 'B' EQUIPMENT

SECTION 228

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(c) A rupture member may be substituted for the relief valve in CO₂ systems or systems operating below atmospheric pressure.

(d) Shell type apparatus such as liquid receivers, condensers, evaporators, liquid separators and absorbers of Class A and Class B systems containing more than fifty (50) pounds of refrigerant, and Class B systems containing fifty (50) pounds or less of refrigerant which can be shut off by stop valves, shall each be equipped with a pressure relief valve, discharging as hereinafter provided.

(e) Class C systems and Class B systems containing fifty (50) pounds or less of refrigerant so constructed that, when subjected to an abnormal outside temperature such as that generated in a fire, they may burst due to the expansion of the refrigerant, shall be protected by a pressure relief device.

(f) A pressure relief valve will be required on the low pressure side of a Class B system into which the relief valve or valves on the high pressure side discharge, as so shown on equipment diagram of section 228-2.

2. Discharge of pressure relief valve.

(a) Where ammonia is used in Class A systems, the discharge from relief valves must be conducted to the outside atmosphere or into that part of the low pressure side protected by the mixer as specified in section 224, 3. If it is discharged to the outside atmosphere it must be piped above the roof or not less than 12 feet above the grade. The discharge from more than one relief valve may be run into a common header, the area of which shall be equal to the area of the pipes connected thereto. The outlet orifice shall be turned downward.

(b) Where more than fifty (50) pounds of ammonia is used in a Class B system the discharge from relief valves shall be piped to the outside atmosphere as specified for Class A systems or to the low pressure side as shown in diagrams in section 228, or into a tank of water which shall be used for no purpose except ammonia discharge. At least one gallon of fresh water shall be provided for every pound of ammonia contained in the system. The water used shall be prevented from freezing without the use of salt or chemicals. The tank shall be substantially constructed of not less than one-eighth ($\frac{1}{8}$) of No. 11 U. S. gauge iron. No horizontal dimensions of the tank shall be greater than one-half ($\frac{1}{2}$) the height. The tank shall have a hinged cover or, if of the enclosed type, shall have a vent hole at the top. All pipe connections shall be through the top of the tank only. The discharge pipe from the pressure relief valves shall discharge the ammonia in the center of the tank near the bottom. The tank shall be as securely supported as any other portion of the system. There shall be no opening in the tank below the water level.

(c) Where more than fifty (50) pounds of any refrigerant other than ammonia is used the discharge from relief valves shall be to the atmosphere as specified for Class A ammonia systems. Carbondioxide may be discharged into the room if the same contains at least 10 cubic feet of capacity per pound of refrigerant used.

(d) Arrangements of pressure relief devices for Class A and B systems shall conform to the diagrams in section 228.

§227. Operating Precautions.

1. Masks and helmets.

(a) In a Class A system which operates above atmospheric pressure shall be provided with at least two helmets or masks.

(b) In a Class B system in which more than fifty (50) pounds of ammonia, sulphur dioxide or other irritant refrigerant is used, there shall be provided at least one helmet or mask.

(c) Only helmets or masks that have been approved by the United States Bureau of Mines as suitable for the refrigerant employed shall be used, and they shall be kept in operative condition in an easily accessible case or cabinet located immediately outside the refrigerating machinery room.

2. Signs.

(a) On Class A and Class B systems containing more than fifty (50) pounds of refrigerant there shall be painted on and affixed in a permanent manner to the main steam control, main electrical and remote control switches, receivers, condensers, shell type coolers, signs having letters not less than one and one-half inches ($1\frac{1}{2}$ ") high, designating the part and refrigerant contained therein.

(b) The seller of every Class A or B system shall furnish the purchaser with a sign bearing his name at least $8\frac{1}{2}$ " by 11" in size, which gives the rated refrigeration capacity and the quantity and kind of refrigerant required for the satisfactory operation of the system and the purchaser shall conspicuously and permanently display this sign in the machinery room. The quantity and name of the proper refrigerant content and the rated refrigeration capacity shall be stamped on all Class C systems near to or on the name plate.

(c) The following information shall be posted in Class A and B machinery rooms where over fifty (50) pounds of refrigerant is used: (a) The names and addresses of the engineers or operators in charge; (b) Location of nearest fire alarm box; (c) The name, address and telephone number of physician to be called in case of emergency; (d) Instructions for safely shutting down the plant in case of emergency.

3. Storage of refrigerant.

(a) Refrigerant not contained in the refrigerating system shall be stored only in flammable or irritant containers conforming to the regulations prescribed by the Interstate Commerce Commission for the transportation of such refrigerant.

(b) Only two containers holding not more than a total of three hundred (300) pounds of flammable or irritant refrigerant shall be stored in the refrigerating machinery rooms of a Class A system.

(c) Only one container holding not more than one hundred and fifty (150) pounds of flammable or irritant refrigerant shall be stored in the refrigerating machinery room of a Class B system.

(d) In a Class C system no refrigerant other than that used in the system shall be stored in the refrigerating machinery room.

(e) If a greater amount of flammable or irritant refrigerant is desired other than that permitted in a refrigerating machinery room, it shall be stored in a fireproof building or enclosure used for no other purpose.

(f) When the refrigerant is withdrawn from a system it shall be discharged into a suitable absorbent or containers conforming to the regulations of the Interstate Commerce Commission for the transportation of such refrigerant. No refrigerant shall be permitted to escape into the refrigerating machinery room.

(g) Containers shall not be connected to the system except during period of charging or withdrawing the refrigerant.

§228. Equipment Diagrams.

Section 5. This ordinance shall take effect immediately.

Adopted by the Board of Aldermen December 13, 1927.

Received from his Honor the Mayor December 30, 1927, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

ARTICLE 26.

Miscellaneous.

§300. Violations.

Any person who shall wilfully violate or neglect or refuse to comply with any provisions of this chapter, in addition to any other penalties prescribed by law or ordinance, shall, upon conviction, be punished by a fine of not more than \$500 or by imprisonment not exceeding six months, or by both such fine and imprisonment.

RULES

COVERING THE DESIGN OF REINFORCED CONCRETE FLAT SLABS.

Adopted by the Board of Standards and Appeals, July 8, 1920, under Cal. 395-20-S.

Rule 1. Application. The rules governing the design of reinforced concrete flat slabs shall apply to such floors and roofs consisting of three or more rows of slabs, without beams or girders, supported on columns, the construction being continuous over the columns and forming with them a monolithic structure.

Rule 2. Compliance with Building Code. In the design of reinforced concrete flat slabs, the provisions of article 16 of the building code shall govern with respect to such matters as are specified therein.

Rule 3. Assumptions. In calculations for the strength of reinforced concrete flat slabs, the following assumptions shall be made:

(a) A plane section before bending remains plane after bending;

(b) The modulus of elasticity of concrete in compression within the allowable working stresses is constant;

(c) The adhesion between concrete and reinforcement is perfect;

(d) The tensile strength of concrete is nil;

(e) Initial stress in the reinforcement due to contraction or expansion in the concrete is negligible.

Rule 4. Stresses. (a) The allowable unit shear in reinforced concrete flat slabs on the bd section around the perimeter of the column capital shall not exceed one hundred twenty (120) pounds per square inch; and the allowable unit shearing stress on the bjd section around the perimeter of the drop shall not exceed sixty (60) pounds per square inch, provided that the reinforcement is so arranged or anchored that the stress may be fully developed for both positive and negative moments.

(b) The extreme fibre stress to be used in concrete in compression at the column head section shall not exceed seven hundred fifty (750) pounds per square inch.

Rule 5. Columns. For columns supporting reinforced concrete flat slabs, the least dimension of any column shall be not less than one-fifteenth ($1/15$) of the average span of any slabs supported by the columns; but in no case shall such least dimension of any interior column supporting a floor or roof be less than sixteen (16) inches when round nor fourteen (14) inches when square; nor shall the least dimension of any exterior column be less than fourteen (14) inches.

Rule 6. Column Capital. Every reinforced concrete column supporting a flat slab shall be provided with a capital whose diameter is not less than 0.225 of the average span of any slabs supported by it. Such diameter shall be measured where the vertical thickness of the capital is at least one and one-half ($1\frac{1}{2}$) inches, and shall be the diameter of the inscribed circle in that horizontal plane. The slope of the capital considered effective below the point where its diameter is measured shall nowhere make an angle with the vertical of more than forty-five (45) degrees. In case a cap of less dimensions than herein-after described as a drop, is placed above the column capital, the part of this cap enclosed within the lines of the column capital extended upward to the bottom of the slab or drop at the slope of forty-five (45) degrees may be considered as part of the column capital in determining the diameter for design purposes.

Rule 7. Drop. When a reinforced concrete flat slab is thicker in that portion adjacent to or surrounding the column, the thickened portion shall be known as a drop. The width of such drop when used, shall be determined by the shearing stress in the slab around the perimeter of the drop, but in no case shall the width be less than 0.33 of the average span of any slabs of which it forms a part. In computing the thickness of drop required by the negative moment on the column head section, the width of the drop only shall be considered as effective in resisting the compressive stress, but in no case shall the thickness of such drops be less than 0.33 of the thickness

of the slab. Where drops are used over interior columns, corresponding drops shall be employed over exterior columns and shall extend to the one-sixth ($1/6$) point of the panel from the center of the column.

Rule 8. Slab Thickness. The thickness of a reinforced concrete flat slab shall be not less than that derived by the formulae $t = 0.024 L \sqrt{w + 1\frac{1}{2}}$ for slabs without drops, and $t = 0.02 L \sqrt{w + 1}$ for slabs with drops, in which t is the thickness of the slab in inches, L is the average span of the slab in feet, and w is the total live and dead load in pounds per square foot; but in no case shall this thickness be less than one-thirty-second ($1/32$) of the average span of the slab for floors, nor less than one-fortieth ($1/40$) of the average span of the slab for roofs, nor less than six (6) inches for floors nor less than five (5) inches for roofs.

Rule 9. Reinforcement. (a) In the calculation of moments at any section, all the reinforcing bars which cross that section may be used, provided that such bars extend far enough on each side of such section to develop the full amount of the stress at that section. The effective area of the reinforcement at any moment section shall be the sectional area of the bars crossing such section multiplied by the sine of the angle of such bars with the plane of the section. The distribution of the reinforcement of the several bands shall be arranged to fully provide for the intermediate moments at any section.

(b) Splices in bars may be made wherever convenient but are preferably at points of minimum stress. The length of any splice shall be not less than eighty (80) bar diameters and in no case less than two (2) feet. The splicing of adjacent bars shall be avoided as far as possible. Slab bars which are lapped over the column, the sectional area of both being included in the calculation for negative moment, shall extend to the lines of inflection beyond the column center.

(c) When the reinforcement is arranged in bands, at least fifty (50) per cent of the bars in any band shall be of a length not less than the distance center to center of columns measured rectangularly and diagonally; on bars used as positive reinforcement shall be of a length less than half ($1/2$) the panel length plus forty (40) bar diameters for cross bands, or less than seven-tenths ($7/10$) of the panel length plus forty (40) bar diameters for diagonal bands and no bars used as negative reinforcement shall be of a length less than half ($1/2$) the panel length. All reinforcement framing perpendicular to the wall in exterior panels shall extend to the outer edge of the panel and shall be hooked or otherwise anchored.

(d) Adequate means shall be provided for properly maintaining all slab reinforcement in the position assumed by the computations.

Rule 10. Line of Inflection. In the design of reinforced concrete flat slab construction, for the purpose of making calculations of the bending moments at sections other than defined in these rules, the line of inflection shall be considered as being located one-quarter ($1/4$) the distance, center to center, of columns, rectangularly and diagonally, from center of columns for panels without drops, and three-tenths ($3/10$) of such distance for panels with drops.

Rule 11. Moment Sections. For the purpose of design of reinforced concrete flat slabs, that portion of the section across a panel, along a line midway between columns, which lies within the middle two quarters of the width of the panel shall be known as the inner section, and those portions of the section in the two outer quarters of the width of the panel shall be known as the outer sections. Of the section which follows a panel edge from column to column and which includes the quarter perimeters of the edges of the column capitals, that portion within the middle two quarters of the panel width shall be known as the mid section and the two remaining portions, each having a projected width equal to one-quarter

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of the panel width, shall be known as the column head sections.

Rule 12. Bending Moments. In the design of reinforced concrete flat slabs the following provisions with respect to bending moments shall be observed. In the moment expressions used:

W is the total dead and live load on the panel under consideration, including the weight of drop whether a square, rectangle or parallelogram;

W_1 is the total live load on the panel under consideration;

L is the length of side of a square panel center to center of columns; or the average span of a rectangular panel which is the mean length of the two sides;

n is the ratio of the greater to the less dimension of the panel;

h is the unsupported length of a column in inches, measured from top of slab to base of capital;

I is the moment of inertia of the reinforced concrete column section.

A. Interior Square Panels. The numerical sum of the positive and negative moments shall be not less than $1/17 W L$. A variation of plus or minus five (5) per cent shall be permitted in the expression for the moment on any section, but in no case shall the sum of the negative moments be less than sixty-six (66) per cent of the total moment, nor the sum of the positive moments be less than thirty-four (34) per cent of the total moment for slabs with drops; nor shall the sum of the negative moments be less than sixty (60) per cent of the total moment, nor the sum of the positive moments be less than forty (40) per cent of the total moment for slabs without drops.

1. In *two-way systems*, for slabs with drops, the negative moment resisted on two column head sections shall be $-1/32 W L$; the negative moment on the mid section shall be $-1/33 W L$, the positive moment on the two outer sections shall be $+1/80 W L$ and the positive moment on the inner section shall be $+1/133 W L$; and for slabs without drops, the negative moment resisted on two column head sections shall be $-1/36 W L$, the negative moment on the mid section shall be $-1/133 W L$, the positive moment on the two outer sections shall be $+1/63 W L$ and the positive moment on the inner section shall be $+1/133 W L$.

2. In *four-way systems*, the negative moments shall be as specified for Two-Way Systems; the positive moment on the two outer sections shall be $+1/100 W L$ and the positive moment on the inner section shall be $+1/100 W L$ for slabs with drops; and the positive moment on the two outer sections shall be $+1/174 W L$, and the positive moment on the inner section shall be $+1/100 W L$, for slabs without drops.

3. In *three-way systems*, the negative moment on the column head and mid sections and the positive moment on the two outer sections, shall be as specified for Four-Way Systems. In the expression for the bending moments on the various sections, the length L shall be assumed as the distance center to center of columns and the load W as the load on the parallelogram panel.

B. Interior Rectangular Panels.

1. When the ratio n does not exceed 1.1, all computations shall be based on a square panel of a length equal to the average span, and the reinforcement shall be equally distributed in the short and long directions according to the bending moment coefficients specified for interior square panels.

2. When the ratio n lies between 1.1 and 1.33, the bending moment coefficient specified for interior square panels shall be applied in the following manner:

(a) In *two-way systems*, the negative moments on the two column head sections and the mid section and the positive moment on the two outer sections and the inner section at right angles to the long direction shall be determined as for a square panel of a length equal to

the greater dimensions of the rectangular panel; and the corresponding moments on the sections at right angles to the short direction shall be determined as for a square panel of a length equal to the lesser dimensions of the rectangular panel. In no case shall the amount of reinforcement in the short direction be less than two-thirds ($2/3$) of that in the long direction. The load W shall be taken as the load on the rectangular panel under consideration.

(b) In *four-way systems*, for the rectangular bands, the negative moment of the column head sections and the positive moment on the outer sections shall be determined in the same manner as indicated for *two-way systems*.

For the diagonal bands the negative moments on the column head and mid sections and the positive moment on the inner section shall be determined as for a square panel of a length equal to the average span of the rectangle. The load W shall be taken as the load on the rectangular panel under consideration.

(c) In *three-way systems*, the negative and positive moments on the bands running parallel to the long direction shall be determined as for a square whose side is equal to the greater dimension; and the moments on the bands running parallel to the short direction shall be determined as for a square whose side is equal to the lesser dimension. The load W shall be taken as the load on the parallelogram panel under consideration.

C. Exterior Panels. The negative moments at the first interior row of columns and the positive moments at the center of the exterior panels on moment sections parallel to the wall, shall be increased twenty (20) per cent over those specified above for interior panels. The negative moment on moment sections at the wall and parallel thereto shall be determined by the conditions of restraint, but the negative moment on the mid section shall never be considered less than fifty (50) per cent and the negative moment on the column head section never less than eighty (80) per cent of the corresponding moments at the first interior row of columns.

D. Interior Columns shall be designed for the bending moments developed by unequally loaded panels, eccentric loading or uneven spacing of columns. The bending moment resulting from unequally loaded panels shall be considered as $1/40 W_1 L$, and shall be resisted by the columns immediately above and below the floor line under consideration in direct proportion to the values of their ratios of I/h .

E. Wall Columns shall be designed to resist bending in the same manner as interior columns, except that W shall be substituted for W_1 in the formula for the moment. The moment so computed may be reduced by the counter moment of the weight of the structure which projects beyond the center line of the wall columns.

F. Roof Columns shall be designed to resist the total moment resulting from unequally loaded panels, as expressed by the formulae in paragraphs (D) and (E) of this rule.

Rule 13. Walls and Openings. In the design and construction of reinforced concrete flat slabs, additional slab thickness, girders or beams shall be provided to carry any walls or concentrated loads in addition to the specified uniform live and dead loads. Such girders or beams shall be assumed to carry twenty (20) per cent of the total live and dead panel load in addition to the wall load. Beams shall also be provided in case openings in the floor reduce the working strength of the slab below the prescribed carrying capacity.

Rule 14. Special Panels. For structures having a width of less than three (3) rows of slabs, or in which exterior drops, capitals or columns are omitted, or in which irregular or special panels are used, and for which the rules relating to the design of reinforced flat slabs do not directly apply, the computations in the analysis of the design of such panels, shall, when so required, be filed with the commissioner of buildings.

APPROVED APPLIANCES

Burners for Domestic and Commercial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A. B. C. Oil Burner.....	1295-24-SA	Electrol Automatic Oil Burner and Models BB, C and EA.....	259-25-SA
A. B. C. Oil Burner, Type H.....	684-29-SA	Ember-Glo Oil Burner.....	462-32-SA
Acme Oil Burner, Models BO-1 and BO-2..	132-34-SA	Enterprise Rotary Fuel Oil Burner.....	1149-27-SA
Aetna Automatic Oil Burner.....	1547-23-SA	Enterprise Steam Atomizing Burner.....	15-33-SA
Air-Blast Oil Burner.....	579-32-SA	Enterprise Type Junior "W" Oil Burner, Models 1, 2 and 3.....	225-32-SA
Alladin Oil Burner.....	298-26-SA	Espo Oil Gas Burner.....	1431-23-SA
Alexander Oil Burner.....	65-28-SA	Evenheat Oil Burner.....	554-32-SA
Alida Oil Burner.....	124-34-SA	Everedy Oil Burner.....	102-33-SA
American Blue Flame and Sun Flame Oil Burning Heaters, Models No. 73, 86, 88, 92, 93, 94, 95, 96, 4512, 4518, 4528, 4538, 4562, 4563, 4573, 4578, and 4588.....	298-33-SA	Fairfield Oil Burner.....	584-31-SA
Auto Heat Oil Burner.....	284-33-SA	Faultless Oil Burner.....	493-24-SA
Autocrat Oil Burner, Model B-1.....	297-31-SA	Fluid Heat Domestic Oil Burner, Type O... 1094-27-SA	
Automatic Airless Oil Burner, Model No. 1..	53-34-SA	Fluid Heat (Gun Type) Oil Burner, Model P 134-35-SA	
Baker Automatic House Heating Burner....	1323-22-SA	Fluid Heat Oil Burner.....	361-32-SA
Baker Oil Burner, Model L, Gun Type.....	404-29-SA	Forsdraft Oil Burner.....	41-34-SA
Ballard Baby Grand Oil Burner.....	447-32-SA	Foster Oil Burner.....	715-26-SA
Ballard Super Domestic Oil Burner.....	939-24-SA	Franklin Domestic Oil Burner.....	560-26-SA
Bayard Domestic Fuel Oil Burner.....	1184-22-SA	Freeport-Silent Service Oil Burner, Models 5, 10 and 30.....	97-33-SA
Berggren Oil Burner.....	764-26-SA	Fuelo Oil Burner.....	47-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	Gar Wood Oil Burner.....	373-30-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Gar Wood Oil Burner, Models K and K-3500	481-32-SA
Bettendorf High Pressure Oil Burner.....	479-31-SA	General Electric Fuel Oil Burner.....	434-32-SA
Bettendorf Oil Burner.....	731-28-SA	General Electric Oil Burner, Type DA-2....	228-33-SA
Bettendorf Oil Burner, Model H.B.....	498-32-SA	Ghapco Steam Generator	348-31-SA
Block Oil Burner, Models A, B, C and D....	123-31-SA	Gilbarco Industrial Burner.....	350-32-SA
Bock Oil Burning Water Heater.....	102-34-SA	Gilbert & Barker Flexible Flame Burner....	109-31-SA
Braden Automatic Fuel Oil Burner.....	322-30-SA	Gilbert & Barker Junior Flexible Flame Domestic Oil Burner.....	520-31-SA
Branford Oil Burner.....	36-31-SA	Gilbert & Barker Oil Burner, Model S-1....	282-33-SA
Branford Oil Burner, Model "A".....	461-32-SA	Gill Oil Burner.....	1231-23-SA
Brighton Oil Burner.....	372-33-SA	Gold Star Oil Burner, Models F and 6.....	166-33-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Goodrich Oil Burner, Models G-0, G-1, G-2 and G-3	441-31-SA
Caloroil Burner, Type AA.....	1361-24-SA	Goodspeed Automatic Oil Burner.....	957-27-SA
Camel Automatic Oil Burner, Model 30, Types A, B and C and Models J and A.S.....	229-32-SA	Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA
Carboradiant Oil Burner, Models V & VS...	16-31-SA	Gould Automatic Oil Burner.....	178-35-SA
Carboradiant Oil Burner, Model VSS.....	49-32-SA	Grant Oil Burner.....	382-26-SA
Carborundum Burner	571-29-SA	Grant Oil Burner, Model "C".....	232-32-SA
Carter-Korth Oil Burner, Model "P".....	389-32-SA	Hardinge Oil Burner.....	813-25-SA
Carter-Korth Oil Burner	54-30-SA	Hardinge Oil Burner, Model 23.....	33-33-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Harris Fuel Oil Burner.....	690-30-SA
Century Oil Burner	157-28-SA	Hart Automatic Oil Burner.....	1162-24-SA
Challenger Kleen Heat Burner, Series No. 100	813-28-SA	Hart Automatic Oil Burner, Model Series "DO"	595-29-SA
Challenger Oil Burner, Model "A".....	86-34-SA	Hart Oil Burner, Model "H".....	221-33-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Hayward Oil Burner.....	696-30-SA
Commonwealth Automatic Oil Burner.....	348-28-SA	Hayward Oil Burner, Model 2000.....	118-35-SA
Concord Burner	108-35-SA	Heat King Oil Burner, Model 2.....	98-35-SA
Cook's Automatic Oil Burner.....	955-27-SA	Heatiator Oil Burner.....	1346-23-SA
Cope-Swift Safety Automatic Oil Burner....	354-31-SA	Heil Combustion Fuel Oil Burner.....	1105-22-SA
Crescent Oil Burner.....	222-29-SA	Heil Combustion Fuel Oil Burner, Type B... 295-29-SA	
Crescent Type M Size I Oil Burner and Models 8, 18 and 28.....	592-31-SA	Hercules Oil Burner.....	510-29-SA
Crown Oil Burner, Type XA.....	426-29-SA	Hercules Oil Burner, Models H and HF....	309-33-SA
Crystal Blue Flame Oil Burner.....	423-29-SA	Hercules Oil Burner, Models M 1200 and M 1800	486-32-SA
Dahl Vaporizing Oil Burner.....	915-26-SA	Holby Type A Fuel Oil Burner.....	688-29-SA
D'Elia Oil Burner.....	155-31-SA	Holland Type "F" Oil Burner.....	237-34-SA
Delco Heat Oil Burner.....	420-31-SA	Homer Domestic Oil Burner.....	1211-25-SA
DeWalt Oil Burner.....	541-31-SA	Hupp Oil Burner, Models H, U, P and PP..	10-34-SA
Dist-o-matic Oil Burner.....	663-28-SA	Improved Kres-Kno Oil Burner and Model MD	591-29-SA
Doe Oil Burner.....	317-31-SA	Inferno Oil Burner.....	82-33-SA
Doherty Oil Burner.....	943-26-SA	International Mechanical Draft Oil Burner..	372-30-SA
Easternoil Automatic Oil Burner, Models A, B and C	600-31-SA	International Oil Burner.....	1305-24-SA
Economy Oil Burner, Type A-1.....	45-31-SA	Jacobsen Balanced Oil Burner, (Model V-1)	333-33-SA
Eisler Automatic Oil Burner.....	481-27-SA	Johnson Improved Rotary Fuel Oil Burner..	938-22-SA
Elec-tro-matic Oil Burner, Type 151.....	125-33-SA	Joyce Oil Burner.....	852-26-SA

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
K. F. C. Oil Burner.....	846-25-SA	Oliver Oil Gas Burner, No. 30-A.....	1359-24-SA
Kelco Oil Burner.....	237-33-SA	Oronoque Oil Burner.....	394-30-SA
Kelvinator Oil Burner.....	339-31-SA	Orr Fuel Oil Burner.....	113-26-SA
Kelvinator Oil Burner, Model K.....	105-34-SA		
KeWaNee Oil Burner, Model "C".....	518-32-SA	Packard Fuel Oil Burner.....	77-34-SA
Kleen Heet Oil Burner.....	62-24-SA	Paramount Oil Burner.....	1193-25-SA
Kleen Heet Oil Burner, Type 902.....	99-35-SA	Paramount Oil Burner, Model A.....	617-30-SA
Kleen Heet Oil Burner, Type R.....	49-33-SA	Pascoe Oil Burner.....	1029-26-SA
Korth Oil Burner, Model G.....	136-34-SA	Penn Rotary Oil Burner.....	236-35-SA
Kreager Oil Burner.....	367-30-SA	Perfect Automatic Oil Burner, Models DL-7, DL-8, DL-10, 0-5, 0-7, 0-8 and 0-10.....	264-35-SA
Kres-Kno Oil Burner.....	443-28-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA	Petro Domestic Burner.....	161-26-SA
		Petro Model T Oil Burner.....	451-31-SA
Laco Oil Burner, Model NL.....	670-30-SA	Petro Model W Oil Burner.....	452-31-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Petro Burner, Model O.....	78-28-SA
Lange Economical Oil Burner.....	355-33-SA	Petro Burner, Model P-2.....	735-30-SA
Lawrence May Oil Burner.....	1034-27-SA	Petro Oil Burner, Model W-2.....	244-33-SA
Leader Oil Burner.....	425-31-SA	Petro Oil Burner, Models W-1 and W-1½... D-13, D-14 and D-15.....	245-33-SA 40-31-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Petroleum Heat & Power Company Fuel Oil Burner Model W-AH.....	614-32-SA
Liberty Automatic Heater.....	129-28-SA	Pioneer Automatic Oil Burner.....	1259-27-SA
Liberty Pressure Oil Burner.....	75-34-SA	Pressure Oil Burners, Models A B and C... Presto Automatic Oil Burner.....	146-31-SA 294-34-SA
Lonergan Automatic Oil Burner.....	208-33-SA	Prize Automatic Oil Burner, Models A, B and C	600-31-SA
Lynn Power Oil Burner, Models 1, 2 and 3..	166-34-SA	Progressive Oil Burner, Models G4, G5, G6 and G7	411-32-SA
		Quiet Ballard Automatic Oil Burner.....	660-30-SA
"M W" Domestic Oil Burners, Models Nos. 25, 26, 65, 66, 307, 308, 309, 400 and 800..	341-32-SA		
M. W. Emancipator Oil Burner.....	102-33-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
M. W. Oil Burning Water Heater.....	737-29-SA	Ray-Dio Sunshine Oil Burner, Model C, sizes 12, 14 and 16.....	368-34-SA
M. W. Water Heater, Model 20-D.....	365-34-SA	Rayfield Oil Burner.....	504-26-SA
Magna Fuel Oil Burner.....	197-33-SA	Real Host Oil Burner.....	38-34-SA
Majestic Oil Burner.....	693-30-SA	Re-Ly-On Oil Burner.....	745-26-SA
Marr Oil Burner, Model H, Type R.....	765-26-SA	Remington Domestic Oil Burner, Type B....	532-31-SA
Master-Kraft Oil Burner.....	83-33-SA	Remington Oil Burner.....	891-26-SA
May Oil Burner.....	68-24-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
May Oil Burner, Type BB.....	46-34-SA	Richmond Gravity Fuel Oil Burner.....	1193-22-SA
Mayfield Oil Burner.....	568-31-SA	Rickard Oil Burner.....	1011-27-SA
Mayflower Oil Burner.....	124-29-SA	Rotoflame Gem Oil Burner.....	187-33-SA
McIlvane Oil Burner.....	544-29-SA	Ryan & Scully Commercial and Domestic Oil Burner	304-32-SA
Melco Automatic Oil Burner, Type "A".....	1032-25-SA		
Merco Oil Burner.....	637-29-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Micron Oil Burner.....	345-34-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
Midget Oil Burner.....	155-34-SA	S-K Oil Burner, Model F.....	369-33-SA
Midget Pressing Machine Oil Burner.....	122-35-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Monitor Oil Burner.....	202-34-SA	S. T. Johnson Oil Heat Servant.....	157-34-SA
Morrissey Oil Burner.....	673-27-SA	Schulse Home Oil Burner.....	1487-23-SA
Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3, and MP-1....	359-33-SA	Scott-Newcomb Pioneer Oil Burner, Models C, CA, CJ, CV and SN Junior.....	436-32-SA
Morse Conical Type Steam Atomizing Burner	938-25-SA	Security Oil Burner.....	56-28-SA
Morse Fan Tail Type Steam Atomizing Burner	939-25-SA	Shepard Oil Burner.....	563-30-SA
Morse Fuel Oil Burner.....	820-23-SA	Shill Oil Burner.....	315-30-SA
Moto-Heat Oil Burner.....	195-32-SA	Silent-Auburn Fuel Oil Burner, Models A, B, C and O.....	463-31-SA
Motorless Oilheat Burner, Models 7, 9, 11, 13 and 15	628-23-SA	Silent Automatic Oil Burner.....	458-26-SA
Mousette Oil Burner.....	887-25-SA	Silent Automatic Burner, Model "B".....	709-30-SA
		Silent Automatic Burner, Model "E".....	710-30-SA
Nairoil Oil Burner, Type R, Model E.....	13-35-SA	Silent Flash Oil Burner, Model C1.....	38-33-SA
National Airoil High Pressure Burner.....	185-29-SA	Silent Glow Oil Burner, Model G.....	600-30-SA
National Airoil Low Pressure Burner.....	186-29-SA	Silent Glow Oil Burner, Models 800, 1000, 1800, 2800, 3800, 6800 and 8800.....	345-31-SA
National Airoil Type D-R Rotary Oil Burner	548-31-SA	Simplex Domestic Oil Burner, Type P.A....	446-30-SA
National Barley Rotary Oil Burner.....	197-33-SA	Simplex Domestic Type "S.P." Oil Burner..	145-31-SA
National Oil Burner, Model E-J.....	360-34-SA	Socony Arrow Oil Burner.....	1191-24-SA
National Rotary Oil Burner.....	836-25-SA		
Nesbitt Oil Burner, Models F, JF, BF and D	226-33-SA		
New Perfection Oil Burner, Type "C".....	518-29-SA		
New Process Oil Burner.....	1071-27-SA		
Nichols-McCann-Harrison Burners	255-31-SA		
Noiseless Nokol Model G Oil Burner.....	801-28-SA		
Noiseless Nokol Rotary Oil Burner, Model R	584-28-SA		
Nokol Automatic Burner.....	1078-24-SA		
Norge Oil Burner Models N8, N18 and N28.	226-34-SA		
Nu-Way Oil Burner.....	773-26-SA		
Oilbuilt Burner	85-33-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Standard Automatic Oil Burner, Type 14-G.	536-31-SA	Twin City-on-the-Door Oil Burner.....	129-27-SA
Standard Automatic Oil Burner, Type 11-G.	537-31-SA	Uni-Lec-Tric Oil Burner.....	498-29-SA
Standardyne Oil Burner.....	34-34-SA	United States Gun-type Oil Burner.....	222-35-SA
Stephens Oil Burner, Models Nos. 1 and 2....	146-33-SA	United States Oil Burner.....	620-28-SA
Stuhler Oil Burner.....	618-27-SA	Universal Fuel Oil Burner.....	6-24-SA
Summerheet Oil Burner.....	581-26-SA	Universal Oil Burner.....	584-31-SA
Sundstrand Automatic Oil Burner.....	755-26-SA	Vapomatic Oil Burner.....	275-34-SA
Sundstrand Purmaco Automatic Oil Burner, Models A-2, 4-B, C-5, A-3U, 3K, B-5U, B-5K and C-6U.....	658-30-SA	Vaporoil Burner	44-32-SA
Sunflower Model S-1 Oil Burner.....	657-29-SA	Vesta Oil Burner.....	451-26-SA
Sunflower Oil Burner, Model S-2.....	587-30-SA	Victor Oil Burner.....	612-30-SA
Sun Heat Oil Burner.....	603-29-SA	Victory Oil Burner.....	320-30-SA
Sun-Ray Fuel Oil Burner.....	106-33-SA	Viking Oil Burner.....	396-32-SA
Sunway Oil Burner.....	624-30-SA	Volcano Automatic Oil Burner.....	556-29-SA
Super Automatic Oil Heater Model SSH...	715-29-SA	Volcano Automatic Oil Burner, Models EW, EW-1 and EW-2.....	341-33-SA
Superfex Oil Burner, for Warm Air Furnaces	400-32-SA	Warner Oil Burner, Model A.....	16-34-SA
Superheet Oil Burner, Model D.....	254-33-SA	Wayne Oil Burner.....	1155-25-SA
Supreme Oil Burner, Model G.....	136-34-SA	Wayne S-2 Domestic Oil Burner.....	115-32-SA
Sword Automatic Oil Burner.....	951-25-SA	Wheco Oil Burner.....	108-34-SA
Syncro-Flame Oil Burner, Models R and RH	139-35-SA	Williams Oil-O-Matic Oil Burner, Models J, JJ, Junior, K, KA, KB, and R.....	918-22-SA
Tabor Automatic Oil Heater, Type "D".....	778-28-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Thoroburn Oil Burner, Model A-1-16-G.....	269-33-SA	Wisconsin Fuel Oil Burner, Models O, A and B	32-33-SA
Timken Oil Burner, Model 20.....	287-28-SA	Wizard Automatic Oil Burner.....	181-33-SA
Timken Rotary Oil Burner.....	297-29-SA	York Automatic Oil Burner.....	44-29-SA
Timken Silent Automatic Heater (Water Heater Unit) Models 40-A and 50-B....	121-35-SA	Yorktown Oil Burner.....	166-33-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Rotary Burner, Models A, B and C...	454-25-SA	Zenith Oil Burner.....	270-34-SA
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Toridheet Oil Burner	63-28-SA		
Toridheet Oil Burner, Model G.....	17-35-SA		
Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA		

APPROVED APPLIANCES

APPROVED FUEL OIL FILL PIPE TERMINALS

<i>Name</i>	<i>Calendar No.</i>	<i>Name</i>	<i>Calendar No.</i>
J. H. N.	292-35-SA	Seal-O-Strain	48-35-SA
Newbury	223-35-SA	Sealtite	231-35-SA
Preferred	213-35-SA	Simplex	214-35-SA
Rhode Island	204-35-SA		

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and
on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Croker National Fire Prev. Eng. Co.....	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.....	890-28-SA
John Simmons Co.....	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)...	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company.....	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.....	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Dis-
tribution Division of the City Record Office, Room 2213,
Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Dis-
tribution Division of the City Record Office, Room 2213,
Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D...	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1..	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner...	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner	1493-22-SA	Loneragan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3...	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner.....	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Monarch Industrial Oil Burner.....	133-35-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Conical Type Steam Atomizing Burner	938-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Coen Mechanical Oil Burner.....	942-21-SA	Morse Fuel Oil Burner.....	820-23-SA
Concord Burner	108-35-SA	National Airoil High Pressure Burner.....	185-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Low Pressure Burner.....	186-29-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
D'Flia Oil Burner	155-31-SA	National Barley Rotary Oil Burner.....	197-33-SA
DeWalt Oil Burner.....	541-31-SA	Nesbitt Oil Burner, Models F, JF, BF and D	226-33-SA
Doe Oil Burner.....	317-31-SA	Nichols-McCann-Harrison Burners.....	255-31-SA
Enco Type 400 Steam Atomizing Oil Burner.	1414-23-SA	North American Low Pressure Oil Burner...	792-26-SA
Enco Mechanical Oil Burner.....	509-30-SA	Oilbilt Burner	85-33-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Oronoque Oil Burner.....	394-30-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Packard Fuel Oil Burner.....	77-34-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	Paramount Oil Burner, Model A.....	617-30-SA
Forsdraft Oil Burner.....	41-34-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Frankfort Type P Oil Burner.....	1046-23-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Gem Fuel Oil Burner.....	111-26-SA	Petro Mechanical Burner and Air Register..	735-24-SA
General Electric Fuel Oil Burner, Model D-1	434-32-SA	Petro Model W Oil Burner.....	452-31-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Ghapco Steam Generator.....	348-31-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Presto Automatic Oil Burner.....	294-34-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
Gould Automatic Oil Burner.....	178-35-SA	Quinn Oil Burning Equipment.....	367-21-SA
Grant Oil Burner, Model "C".....	232-32-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Greenawalt Down Draft Combustion Oil Burning Furnace	85-35-SA	Rockwell Fuel Oil Burner.....	341-21-SA
Hammond Oil Burner.....	72-31-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Harris Fuel Oil Burner.....	690-30-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Hart Oil Burner, Model "H".....	221-33-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Hauck Venturi Low Pressure Oil Burner....	88-27-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hayward Oil Burner.....	696-30-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Havward Oil Burner, Model 2000.....	118-35-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Hobeco Oil Burner.....	1278-21-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Holby Oil Burner.....	328-27-SA	Standardyne Oil Burner.....	34-34-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Steam Oil Burner.....	183-22-SA
Hupp Oil Burner, Models H, U, P and PP..	10-34-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Stewart Gasifier Oil Burner.....	146-35-SA
Kelvinator Oil Burner, Model K.....	105-34-SA		
Korth Oil Burner, Model G.....	136-34-SA		
Kreager Oil Burner.....	367-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun Heat Oil Burner.....	603-29-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Sun-Ray Fuel Oil Burner.....	106-33-SA	United States Gun-type Oil Burner.....	222-35-SA
Sunway Oil Burner.....	624-30-SA	United States Oil Burner.....	620-28-SA
Supreme Oil Burner, Model G.....	136-34-SA	Vapofier Oil Burner.....	184-34-SA
Surface Combustion Low Pressure Burner...	92-23-SA	Vapomatic Oil Burner.....	275-34-SA
Syncro-Flame Oil Burner, Model R.....	139-35-SA	Vaporoil Burner	44-32-SA
Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA	Warner Oil Burner, Model A.....	16-34-SA
Tate-Jones No. 6 Oil Burner.....	1444-23-SA	Wheco Oil Burner.....	108-34-SA
Timken Rotary Oil Burner.....	297-29-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Wizard Automatic Oil Burner.....	181-33-SA
Todd Mechanical Fuel Oil Burner.....	1525-22-SA	Yorktown Oil Burner.....	166-33-SA
Todd Rotary Burner, Models A, B and C....	454-25-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner....	123-23-SA		

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly	250-34-SA	Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Aetna Range Oil Burner	29-35-SA	Loyalty Range Burner	302-34-SA
Air-O-Flame Space Heater, Models 108 and 810 (pot type)	190-35-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Air-O-Flame Space Heater, Models 71, 91, 1572 and 1582 (sleeve type)	206-35-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Air-O-Flame Range Burner	236-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	Majestic Range Oil Burner, Models 27B and 27T	180-35-SA
Bland Range Oil Burner.....	234-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	National Range Oil Burner	361-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	No-Wyck-Koaless Range and Stove Oil Burner	251-34-SA
Diamond Range Oil Burner.....	325-34-SA	Odin Beauty (Space Heater), Models 61, 62, 91 and 92	233-35-SA
Easyway Range Oil Burner, Models D27, DC27, G27 and NG27.....	157-35-SA	Putnam Range Oil Burner	54-35-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Quaker Burnoil Stove	11-31-SA
Ellington Range Oil Water Heater, Models M and J	40-35-SA	Quick Meal Range Burner	304-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe.....	311-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fairfax Range Burner	302-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Florence Oil Space Heater, Models PH-28 and PH-8	172-35-SA	Serv-Well Range Oil Burner, Models 27B and 27T	165-35-SA
Florence Range Burners	219-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Fox Range Oil Burner.....	200-34-SA	Silent Heet Oil Burner for Ranges and Stoves	592-32-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Superfex Oil Burning Heater and Heat Projector, Model No. 1051	491-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Tower Range Oil Burner	126-33-SA
Kolrid Range Burner	48-34-SA	Vap-R-Oil Oil Burner for Ranges and Stoves	592-32-SA
Kres-Kno Range Oil Burner, Model MD. Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA
		Viking Range Water Heater, Models 222, 232 and 242	65-35-SA

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
- 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval.

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
- 1279-25-SA—Teesdale, Automatic Booster Pumps, Models TUX, TUS, KP and R.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 164-33-SA—Firemaster Fire Extinguisher.
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 221-34-SA—Metropolitan Curb Fill Box No. 138 for Gasoline.
- 224-34-SA—Progressive Press Machine Oil Burner.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Castle No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.
- 123-35-SA—National Airoil Safety Tank Filling Valve.
- 135-35-SA—Loyalty Conversion Hot Water Heater.

- 156-35-SA—Gillespie Elevator Shaft Door Switch.
- 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
- 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 166-35-SA—ServWell Space Heater, Models 247T and 248.
- 167-35-SA—Serv-Well Water Heater, Models 255A and 255B.
- 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
- 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.
- 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
- 207-35-SA—Cole's Blast Oil Burning Heating Stove.
- 208-35-SA—Oceco Rotary Pump for Petroleum Products.
- 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
- 217-35-SA—Brigham Oil Burner.
- 219-35-SA—United Copper Service Pipe.
- 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
- 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
- 238-35-SA—Garfire Gun (Fire Extinguisher).
- 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
- 244-35-SA—Woolley Patent Mechanical Oil Burner.
- 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
- 249-35-SA—Acme High and Low Water Alarm Tank Switch.
- 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
- 263-35-SA—Ker-Oil Automatic Water Heater.
- 265-35-SA—French Automatic Oil Burner, Model 5 De Luxe.
- 266-35-SA—Kerogas Bowl Type Oil Space Heater, Models 300, 305, 310, 315 and 320.
- 269-35-SA—Kamy Oil Burner.
- 274-35-SA—Econ-O-Matic Fuel Oil Burner, Model 41.
- 310-35-SA—Viking Pot Type Space Heater, Models, 165 and 170.
- 313-35-SA—Peoples Silent Oil Burner, Models O and G.
- 329-35-SA—Baker Perkins Atomizing Type Mechanical Draft Oil Burner, Type C and CD Controls.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.	
Cases pending December 31, 1934	163
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Requests for extension of permit denied	0
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Requests to install denied	0
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Administrative requests denied or withdrawn	0
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Total	1051

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

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UNIVERSITY OF ILLINOIS

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX	Subscription \$2.50 a year	DECEMBER 24, 1935	Single Copies, 5 cents By mail, 8 cents
			No. 52

DIRECTORY

BOARD OF STANDARDS AND APPEALS

HARRIS H. MURDOCK, Chairman

BERNARD A. SAVAGE

CHARLES M. BLUM

CHIEF JOHN J. McELLOGOTT

EDWARD V. BARTON, *Chief Clerk*

OFFICE—Municipal Building, Rooms 1001 to 1015.
TELEPHONE—WORTH 2-0184.
OFFICE HOURS—9 a. m. to 5 p. m. Saturdays 9 a. m. to 12 noon.
All communications should be addressed to the chairman of the board

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PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.
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Call of Clerk's Calendar, Mondays, at 2 p. m.
All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION 10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, *Monday, December 23, 1935, at 2 o'clock*. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on *Monday, December 30, 1935, at 2 o'clock*.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, *Chairman*.

CALENDAR

DOCKET

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Appliance.

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118 Liberty street (Block 52,
Lot 25), Borough of Man-
hattan.
25194-F.

355-35-A.....D.B.M.....1161-1175 Broadway and 23-25
West 27th street, northwest
corner (Block 829, Lot 22),
Borough of Manhattan.
24481-F.

354-35-SA.....F.D.....Diesel Oil Burner.
Appliance.

353-35-BZ.....D.B.Q.....86-08 Broadway, east side of
Reeder street, 73.89 ft. south
of 51st (Maurice) avenue
(Block 1549, Lot 12), Elm-
hurst, Borough of Queens.
Applic. 4735-35.

352-35-SA.....F.D.....Todd Fuel Oil Fill Pipe Ter-
minal.
Appliance.

351-35-BZ.....D.B.Q.....35-40 Junction boulevard, west
side, 100.8 ft. north of 37th
avenue (Block 1469, Lots 1
and 26), Corona, Borough of
Queens.
Decision.

350-35-A.....F.D.....447-449 West 49th street, north
side, 175 ft. east of 10th ave-
nue (Block 1059, Lots 8-9),
Borough of Manhattan.
7989-L.C.

349-35-BZ.....D.B.B.....1296-1310 Bedford avenue and
1119-1133 Atlantic avenue,
north side, 80 ft. west of
Bedford avenue (Block 2022,
Lot 1), Borough of Brook-
lyn.
Applic. 15456-35.

CODE

F.D.....Fire Department
H.D.....Health Department
D.B.B.....Department of Buildings, Brooklyn
D.B.M.....Department of Buildings, Manhattan
D.B.Q.....Department of Buildings, Queens
D.B.R.....Department of Buildings, Richmond
D.B.Bx.....Department of Buildings, Bronx
T.H.D.....Tenement House Department
B.B.....Board of Buildings

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ing EquipmentNov. 26, 1935—Vol. 20, No. 48
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Larson v. Murdock—April 30, 1935, Board denied gas station partly
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tion 21; Cal. No. 894-28-BZ; Premises 2702-2712 Foster
avenue, Brooklyn. Mr. Justice Wenzel sustained Board
(N. Y. L. J., December 13, 1935).

A. C. & H. M. Hall Realty Co. v. Murdock—July 2, 1935, Board
denied modification of its resolution to permit additional
driveway and alteration of part of garage to a gas sta-
tion, under section 21, in business district; Cal. No.
567-32-BZ; Premises 3320-3328 Broadway, from W.
134th to W. 135th streets, Manhattan. Mr. Justice
Miller sustained Board (N. Y. L. J., December 13,
1935).

Peo. ex rel. Novick Holding Corp. v. Murdock—October 9, 1934,
Board denied gas station in business district under
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Northern boulevard, 108.78 ft. west of Cross Island
boulevard, Auburndale, Queens. Mr. Justice Stein-
brinck reversed Board to the extent of granting a
permit limited similarly to the St. Albans-Springfield
decision (N. Y. L. J., May 16, 1935). Order of Special
Term reversed on the law and the facts and determina-
tion of Board reinstated, by Appellate Division (N. Y.
L. J., December 14, 1935).

Matter of Cooperstein (Murdock)—June 27, 1933, Board denied gas
station in business district, under section 21; Cal. No.
95-33-BZ; Premises south east corner 198th street and
Foch boulevard, Springfield, Queens. Mr. Justice Mc-
Coey sustained Board (N. Y. L. J., December 27,
1933). Appellate Division unanimously affirmed order
of Special Term sustaining Board (N. Y. L. J., Decem-
ber 14, 1935).

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 23, 1935, AT 2 P. M.

Building Zone Cases

22-29-BZ.

APPLICANT—Samuels & Samuels, for Adeline Zaga-
rino, owner.

PREMISES—97-28 Van Wyck boulevard, northwest cor-
ner of 101st avenue (Block No. 520, Lot No. 30),
Dunton, Borough of Queens.

APPLICATION, under section 21 of the building zone
resolution.

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TO PERMIT in a business district the erection and maintenance of a gasoline service station (previously withdrawn; reopened and restored to Calendar October 22, 1935).

307-35-BZ.

APPLICANT—Benjamin Schlanger, for Crenshaw Holding Corp., owner.

PREMISES—1955 University avenue, west side, 233.44 ft. south of West 179th street (Block No. 3216, Lot No. 70), Borough of The Bronx.

APPLICATION, under section 7c of the building zone resolution.

TO PERMIT partly in a business district and partly in a residence district the alteration, extension and change of occupancy of a building now occupied for stores, so as to include a motion picture theatre.

306-35-BZ.

APPLICANT—Irving M. Fenichel, for Bonomo Realty Corp., owner.

PREMISES—2847-2863 West 8th street, east side, 125 ft. 8 3/8 in. south of Sheepshead Bay road (Block No. 7279, Lot Nos. 163 to 169), Borough of Brooklyn.

APPLICATION, under sections 7e and 21 of the building zone resolution.

TO PERMIT in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles.

294-35-BZ.

APPLICANT—Burke & Olsen, for Mary A. Kenney, owner.

PREMISES—349-351 Columbia street, east side, 100 ft. north of Coles street (Block No. 510, part of Lot No. 5), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the alteration, extension and conversion of occupancy of an existing building to a garage for more than five (5) motor vehicles.

314-35-BZ.

APPLICANT—Harry Yahr, for Shelton Holding Corp., owner.

PREMISES—15-23 West 43rd street, north side, 225 ft. west of Fifth avenue (Block No. 1259, Lot Nos. 25, 28 and 28 1/2), Borough of Manhattan.

APPLICATION, under section 7-H of the building zone resolution.

TO PERMIT for a period of not more than two (2) years in a retail district the use of a vacant plot of ground as a parking space for the storage of more than five (5) motor vehicles.

1016-27-BZ

APPLICANT—Arthur B. Daub, for Carber Holding Co., Inc., owner.

PREMISES—Southeast corner of Walker boulevard and Outerbridge avenue (Block No. 5, Lot N), Tottenville, Borough of Richmond.

APPLICATION, under section 21 of the building zone resolution (reopened June 11, 1935).

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 30, 1935, AT 2 P. M.

Building Zone Case

440-22-BZ.

APPLICANT—James J. Malone, for 571 West 182nd Street Corporation, owner.

PREMISES—571-573 West 182nd street, north side, 60 ft. east of St. Nicholas avenue (Block No. 2154, Lot No. 65), Borough of Manhattan.

APPLICATION, under sections 7b, 7c and 21 of the building zone resolution (reopened December 3, 1935).

TO PERMIT partly in a business district and partly in a residence district the alteration and change of occupancy of a building occupied as a post office to stores (the post office use having been previously granted by the board).

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 6, 1936, AT 2 P. M.

Building Zone Cases.

504-18-BZ.

APPLICANT—Donald R. Baldwin, for The Stanton Co., owner.

PREMISES—138-140 East 25th street, south side, 94 ft. east of Lexington avenue (Block No. 880, Lot Nos. 61 and 62), Borough of Manhattan.

APPLICATION, under sections 7a, 7c, 7e and 21 of the building zone resolution (reopened November 6, 1935).

TO PERMIT in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles and also the omission of the required rear yard.

1-27-BZ.

APPLICANT—Edwin H. Snackenberg, for Intershire Investors, Inc., owner.

PREMISES—1124 Gun Hill road, south side, from Yates avenue to Boston road (Block No. 4615, Lot No. 36), Borough of The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened September 17, 1935).

TO PERMIT in a business district the alteration and also the permanent use of a gasoline service station previously granted by the board under section 7-F for a temporary period which expired March 15, 1935.

319-35-BZ.

APPLICANT—Joseph V. O'Leary, for Annie Herzfeld and Lillian Klinghoffer, owners.

PREMISES—8919-8923 Church avenue, northwest corner of Reimsen avenue (Block No. 4686, Lot No. 6), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

JANUARY 7, 1936, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 7, 1936, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 251-35-BZ—Application, September 20, 1935, under sections 7c and 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Margaroff Realty Corp., lessee (long term lease), to permit partly in a residence district and partly in a business district the erection and maintenance of a busi-

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ness building (stores), premises 2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Borough of Brooklyn.

CAL. NO. 280-31-BZ—Application of Edward L. Kelly, applicant, on behalf of Jasper Mülle, owner, reopened December 3, 1935, for consideration of an amendment to the resolution of November 12, 1931, as to the conditions imposed therein—re Application, granted under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 162-02 to 162-06 Cross Bay boulevard, southwest corner of 162nd street (Block No. 4046, Lot No. 5), Howard Beach, Borough of Queens.

CAL. NO. 235-35-BZ—Application, September 6, 1935, under sections 7a and 21 of the building zone resolution, of Leon J. Levine, applicant, on behalf of Victoria B. Cohen, owner, to permit in a business district the change of occupancy of part of an existing gasoline service station to a motor vehicle repair shop; premises 158-07 Rockaway boulevard, southeast corner of Conover street (Block No. 4481, Lot No. 69), Jamaica, Borough of Queens.

CAL. NO. 252-35-BZ—Application, September 22, 1935, under section 21 of the building zone resolution of Samuels and Samuels, applicants, substituted for Edward Flander on behalf of Carmelo Bernardo and Carmela Bernardo, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 104-06 Astoria boulevard, southeast corner of 104th street (Block No. 1691, Lot No. 1), Corona, Borough of Queens.

CAL. NO. 301-35-BZ—Application, October 30, 1935, under sections 7c and 21 of the building zone resolution of Elias K. Herzog, applicant, on behalf of Frances Foster, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (stores), premises 932 Simpson street, east side, 83.80 ft. south of East 163rd street (Block No. 2723, Lot No. 37), Borough of The Bronx.

CAL. NO. 309-35-BZ—Application, November 2, 1935, under section 21 of the building zone resolution of Hillside Parking Corp., applicant, on behalf of Nathan Straus, owner, to permit in a residence district, the use of a plot of ground as a parking space for the storage of more than five (5) motor vehicles; premises northwest corner of Wilson avenue and East 214th street (Block No. 4709, Lot No. 1), Borough of The Bronx.

HARRIS H. MURDOCK, *Chairman*.

JANUARY 7, 1936, 2 P. M.

Variations of Labor Law

268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Borough of Manhattan.

347-35-S—3901 14th avenue, southeast corner of 39th street (Block No. 5346, Lot No. 5), Borough of Brooklyn.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 7, 1936, at 2 o'clock*, in Room 1013, Municipal Building, on the following matters:

CAL. NO. 390-19-BZ—Application of Frank Zyderveld, applicant, on behalf of Madeline T. Flannery, owner, reopened December 3, 1935, for consideration of an amendment to the resolution of October 30, 1934, as to the conditions imposed therein—re Application, granted on certain conditions permitting the extension of the store use now in existence in a garage building previously granted by the Board; premises 6902-6912 Fourth avenue, southwest corner of Bay Ridge avenue (Block No. 5872, Lot No. 42), Borough of Brooklyn.

CAL. NO. 853-25-BZ—Application of Boochever, McManus and Ostrow, applicants, on behalf of Esbrook Realty Co., Inc., owner, reopened December 3, 1935, for consideration of an amendment to the resolution of December 1, 1925, as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a building to be used as stores on the first story of the Fourth avenue front and as dwellings above; premises 8501-8511 Fourth avenue, southwest corner of 85th street (Block No. 6035, Lot No. 6), Borough of Brooklyn.

CAL. NO. 272-30-BZ—Application of Jacob A. Freedman, applicant, on behalf of Rubel Corporation, owner, reopened October 1, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (remitted by order of the Court for hearing); premises 440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Borough of Brooklyn.

CAL. NO. 130-35-BZ—Application, May 23, 1935, under sections 7a and 21 of the building zone resolution, of Edwin H. Snackenberg, applicant, on behalf of New York Rapid Transit Corporation, owner, to permit in a business district the extension of an existing gasoline service station and also the erection and

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maintenance of a motor vehicle repair shop; premises 402-10 64th street and 64-01 to 64-19 Fourth avenue, southeast corner (Block No. 5818, part of Lot No. 1), Borough of Brooklyn.

CAL. NO. 282-35-BZ—Application, October 15, 1935, under section 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Violet Kramer, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1159-1167 Utica avenue and 5002-5010 Clarendon road, southeast corner (Block No. 4771, Lot Nos. 1 and 78), Borough of Brooklyn.

CAL. NO. 287-35-BZ—Application, October 18, 1935, under section 21 of the building zone resolution, of William E. Kennedy, applicant, on behalf of Abraham A. Goldstein, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Parsons boulevard and 84th road (Block No. 864, Lot No. 261), Jamaica, Borough of Queens.

CAL. NO. 1109-27-BZ—Application of Michael Levine, applicant, on behalf of Ft. Greene Associates, Inc., owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 106-21 Woodhaven boulevard (Cross Bay boulevard), east side, 365.61 ft. north of 108th avenue (Block No. 430, part of Lot No. 45), Woodhaven, Borough of Queens.

CAL. NO. 26-32-BZ—Application of Louis Schlefer, applicant, on behalf of Minnie Streit, owner, reopened September 10, 1935, under section 21 of the building zone resolution, for rehearing by Order of the Court, to permit in a business district the erection and maintenance of a gasoline service station; premises 1551-1555 Coney Island avenue, east side, 100 ft. south of Avenue L (Block No. 6731, Lot No. 90), Borough of Brooklyn.

CAL. NO. 654-27-BZ—Application of Wagner, Quillinan & Rifkind, applicants, on behalf of Henry Pape, owner, reopened July 16, 1935, under sections 7e and 21 of the building zone resolution, to permit the amendment of a resolution granting in a business district the change of occupancy of an existing building to a garage for the storage of more than five (5) motor vehicles of the pleasure-car type, so as to include motor vehicles of the commercial-car type; premises 622-632 Foster avenue, southwest corner of East 7th street (Block No. 6494, Lot No. 8), Borough of Brooklyn.

CAL. NO. 240-35-BZ—Application, September 11, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Bawnfawn Holding Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 88-15 Queens boulevard and 89-05 56th avenue, northwest corner (Block No. 1844, Lot No. 3), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 14, 1936, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 14, 1936, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 324-35-BZ—Application, November 12, 1935, under section 21 of the building zone resolution of James F. Hunter, applicant, on behalf of Standard Gas Light Co., owner, to permit the extension from a business district into a residence district of an existing business building; premises 35-39 West 124th street, north side, 390 ft. west of Fifth avenue and 32-42 West 125th street (Block No. 1722, Lot Nos. 20, 20½, 21, 51, 53 and 54), Borough of Manhattan.

CAL. NO. 311-33-BZ—Application of Lama and Proskauer, applicants, on behalf of Churchway Holding Corp., owner, reopened June 4, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 5709-5717 Church avenue, northwest corner of Kings Highway (Block No. 4683, part of Lot Nos. 36½ and 42), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 14, 1936, 2 P. M.

Appeals from Administrative Orders

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), Borough of The Bronx.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), Borough of The Bronx.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 14, 1936, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:*

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CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

CAL. NO. 42-32-BZ—Application of Samuel L. Schwartz, applicant and owner, reopened December 10, 1935, under section 21 of the building zone resolution for consideration as to extension of permit—re Application, granted under section 7f of the building zone resolution, permitting in a residence district the erection and maintenance of a gasoline service station for a temporary period; premises 2263-2273 Linden boulevard, northwest corner of Elton street (Block No. 4336, Lot No. 21), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman*.

MINUTES

BOARD OF STANDARDS AND APPEALS

SPECIAL MEETING

FRIDAY MORNING, DECEMBER 13, 1935

Present: Chairman Murdock, Commissioners Savage and Blum, and Assistant Chief Kidney.

RULES

353-30-SR.

SUBJECT—Paint, Varnish and Lacquer Spraying Rules—
Proposed Revision of.

APPEARANCES—

Sydney Preran, William G. Hayne, V. D. Dolen, V. McLean, Fred Gaa, Herman Gehrich and others.

For Administration: Inspector Maher of Department of Buildings and Inspector Hille, Fire Department.

ACTION OF BOARD—Placed on Reserve Calendar and referred back to committee for further consideration.

Adjourned, 11:50 a. m.

EDWARD V. BARTON, Chief Clerk.

MINUTES

BOARD OF STANDARDS AND APPEALS

REGULAR MEETING

TUESDAY MORNING, DECEMBER 17, 1935

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

The minutes of the special meeting of the board, held on Friday morning, December 6, 1935; the minutes of the regular meeting of the board, held on Tuesday morning, December 10, 1935 and the minutes of the regular meeting of the board, held on Tuesday afternoon, December 10, 1935, were approved as printed in Bulletin No. 51, Vol. XX.

BUILDING ZONE CASES

272-30-BZ.

APPLICANT—Jacob A. Freedman, for Rubel Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station, in accordance with order of the Court reading as follows: "ORDERED that the order so appealed from be and the same hereby is unanimously reversed on the law, with costs, and the matter remitted to the Board of Standards and Appeals for a hearing—and determination of the matter as a new and original application."

PREMISES AFFECTED—440-446 Utica avenue and 923-943 East New York avenue, northwest corner, and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Borough of Brooklyn.

APPEARANCES—

For Applicant: Jacob A. Freedman and Michael Levine.

For Opposition: Andrew S. Derby, Harry K. Nadell, Harry Lefrak, Abraham Pollack and L. C. Squire.

ACTION OF BOARD—Laid over to January 7, 1936, at 2 p. m., for report of committee on inspection. No further argument.

130-35-BZ.

APPLICANT—Edwin H. Snackenberg, for New York Rapid Transit Corporation, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit in a business district the extension of an existing gasoline service station and also the erection and maintenance of a motor vehicle repair shop.

PREMISES AFFECTED—402-10 64th street and 64-01 to 64-19 4th avenue, southeast corner (Block No. 5818, part of Lot No. 1), Borough of Brooklyn.

APPEARANCES—

For Applicant: Edwin H. Snackenberg.

For Opposition: Charles Barrett, Hyman L. Schwartz, John F. Seekamp and L. C. Squire.

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For Administration: William Falkenstein, Board of Transportation.

ACTION OF BOARD—Laid over to January 7, 1936, at 2 p. m., for report of committee on inspection. No further argument.

282-35-BZ.

APPLICANT—William B. Linder, for Violet Kramer, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1159-1167 Utica avenue and 5002-5010 Clarendon road, southeast corner (Block No. 4771, Lot Nos. 1 and 78), Borough of Brooklyn.

APPEARANCES—

For Applicant: William B. Linder.

For Opposition: R. S. Hardy.

ACTION OF BOARD—Laid over to January 7, 1936, at 2 p. m., for applicant to obtain further information.

287-35-BZ.

APPLICANT—William E. Kennedy, for Abraham A. Goldstein, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—Southeast corner of Parsons boulevard and 84th road (Block No. 864, Lot No. 261), Jamaica, Borough of Queens.

APPEARANCES—

For Applicant: William E. Kennedy and Louis J. Unger.

For Opposition: Maurice De Young, Ralph W. Covert, Joseph Rendelstein, Benjamin D. Brown, Bernard Trencher and Robert Bernstein.

ACTION OF BOARD—Laid over to January 7, 1936, at 2 p. m., for report of committee on inspection. No further argument.

1109-27-BZ.

APPLICANT—Michael Levine, for Ft. Greene Associates, Inc., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (reopened September 17, 1935).

PREMISES AFFECTED—106-21 Woodhaven boulevard (Cross Bay), east side, 365.61 ft. north of 108th avenue (Block No. 430, part of Lot No. 45), Woodhaven, Borough of Queens.

APPEARANCES—

For Applicant: Michael Levine.

For Opposition: M. L. Blum, Joseph Rendelstein, Henry Birnbaum and Samuel S. Pottok.

ACTION OF BOARD—Laid over to January 7, 1936, at 2 p. m., for report of committee on inspection. No further argument.

26-32-BZ.

APPLICANT—Louis Schlefer, for Minnie Streit, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone

resolution, reopened September 10, 1935, for rehearing by Order of the Court, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—1551-1555 Coney Island avenue, east side, 100 ft. south of Avenue L (Block No. 6731, Lot No. 90), Borough of Brooklyn.

APPEARANCES—

For Applicant: Edward Goodell, Louis Schlefer, Edward Waldman, Kenneth B. Gordon, Julius Lewis and Saul Cooperwasser.

For Opposition: Henry Scheibel and Fred McAleer.

ACTION OF BOARD—Laid over to January 7, 1936, at 2 p. m., for report of committee on inspection. No further argument.

654-27-BZ.

APPLICANT—Wagner, Quillinan & Rifkind, for Henry Pape, owner.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7e and 21 of the building zone resolution, reopened July 16, 1935, to permit amendment of a resolution granting in a business district the change of occupancy of an existing building to a garage for the storage of more than five (5) motor vehicles of the pleasure-car type, so as to include motor vehicles of the commercial-car type.

PREMISES AFFECTED—622-632 Foster avenue, southwest corner of East 7th street (Block No. 6494, Lot No. 8), Borough of Brooklyn.

APPEARANCES—

For Applicant: Edwin A. Tennanz.

For Opposition: John P. Sweeny, Mary R. Wetheroth and Elizabeth Brady.

ACTION OF BOARD—Laid over to January 7, 1936, at 2 p. m., for report of committee on inspection. No further argument.

240-35-BZ.

APPLICANT—Samuel Rosenblum, for Bawnfawn Holding Corp., owner.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—88-15 Queens boulevard and 89-05 56th avenue, northwest corner (Block No. 1844, Lot No. 3), Woodside, Borough of Queens.

APPEARANCES—

For Applicant: Samuel Rosenblum and Genevieve M. Casey.

For Opposition: George Cohen.

ACTION OF BOARD—Laid over to January 7, 1936, at 2 p. m., for report of committee on inspection. No further argument.

NOTICE

The Chairman called attention to the fact that, due to the lateness of the hour, all cases scheduled for hearing for the meeting of December 17, 1935, at 2 p.m., were hereby adjourned to a special meeting, Friday, December 20, 1935, at 10 a.m.

Adjourned, 5:30 p.m.

EDWARD V. BARTON, Chief Clerk.

RULES

OIL BURNER RULES

[217-21-SR]

RULES COVERING THE INSTALLATION AND USE OF OIL BURNING EQUIPMENT AND THE STORAGE OF OILS USED IN CONNECTION THEREWITH

Adopted by the Board of Standards and Appeals
June 15, 1934, as Amended July 12, 1935, and as
Amended, Effective August 12, 1935.

(Superseding Fuel Oil Rules adopted by the Board of Standards and Appeals November 6, 1919; amended January 6, 1922; January 18, 1924; October 19, 1926; September 11, 1928; January 11, 1929; March 20, 1931; May 12, 1931; November 24, 1931; May 10, 1932; June 24, 1932, and November 4, 1932).

Authority: Section 718 A of the Charter of the City of New York to carry into effect the provisions of Chapter X, Code of Ordinances.

Rule 1. Scope.

(a) No person shall install oil-burning, or oil-storage equipment for use within the City of New York except as provided in these rules.

(b) These rules shall not apply to gas companies storing or using oil in the manufacture of illuminating gas for public use.

Rule 2. Definitions.

For the purpose of these rules the following terms shall be interpreted in accordance with these definitions:

APPROVED: Shall mean devices hereafter approved by the Board of Standards and Appeals and also, when required by the Board of Standards and Appeals, approved, listed as standard, and/or labeled by any nationally recognized standard testing laboratory not operated for commercial profit, provided all such devices are installed in accordance with these rules. Such approval is subject to suspension or revocation for non-compliance with these rules. All devices approved by the Board of Standards and Appeals prior to the adoption of these rules shall be accepted.

AUTOMATIC PUMP: Shall mean an automatic transfer pump operating independent of the burner to provide a continuous supply of oil.

BURNER: A device designed for the purpose of burning oil.

COMMERCIAL INSTALLATIONS: Oil burner installations in buildings, other than dwellings when used for heating and generation of power for use on premises.

CONTROLS: Such electrical or mechanical devices as are installed for the purpose of providing safe and continuous operation.

DISCHARGE LINE: That portion of the line between the discharge outlet of the pump and the burner oil inlet connection.

DOMESTIC INSTALLATIONS: Oil burner installations installed in dwellings as defined in these rules.

DWELLINGS: Buildings used exclusively for dwelling purposes and occupied by one or two families, including convents, rectories and monasteries.

ELECTRICALLY GROUNDED: For protection against lightning shall mean storage tanks set directly in or on the ground and/or with underground piping connections. Where storage tanks without underground piping connections are built on bases above the surface of the earth, such storage tanks shall be grounded at two (2) points, 180° (degrees) apart as follows:

(1) The conductor from tank to ground connection shall be of copper not smaller than No. 6 (.162") A.W.G. wire, or pipe not less than one-half inch (1/2") in diameter.

(2) One end of conductor shall be permanently and electrically bonded to tank. The other end shall be bonded to a ground connection consisting of a water pipe or a rod, pipe or plate having a surface area of not less than one hundred and ninety (190) square inches, buried in moist earth not less than two feet (2') below the surface of the earth.

FILL PIPE: That portion of the line between the fill pipe terminal and the fill pipe connection in the storage tank.

FIRE RETARDING MATERIALS:

(a) One-half (1/2) inch plaster boards, or asbestos boards, or three-eighths (3/8) inch gypsum wall boards weighing not less than 16 pounds per square yard with pointed joints covered with No. 26 U. S. gauge sheet metal with one (1) inch lapped seams nailed to the wood beams when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are spaced more than sixteen (16) inches on centers, or

(b) Two thicknesses of one-quarter (1/4) inch asbestos boards laid with tight staggered joints and nailed to the beams, when spaced not more than sixteen (16) inches on centers, or nailed to furring strips when the floor beams are more than sixteen (16) inches on centers, or

(c) Metal lath weighing not less than three pounds per square yard, attached to furring strips and plastered with Portland cement mortar at least three-quarters (3/4) inch thick.

Note—All fire retarding material to be applied as required in rules for fire retarding material of the Board of Standards and Appeals.

GROUND:—An electrical conductor having capacity to absorb current.

INDUSTRIAL INSTALLATIONS: Oil burner installations for industrial purposes.

OIL: Any liquid mixtures, substance or compound derived from petroleum, including kerosene and fuel oil as defined in the Code of Ordinances, Chapter X, Article 1, Section 1.

OIL BURNING EQUIPMENT: Any device including burners, oil burning heaters, internal combustion engines used for heating, power or other purposes designed for and/or using oil as defined in these rules.

OIL LEVEL INDICATING DEVICE: A means by which the level of the oil in a storage tank may be indicated.

OVERFLOW PIPE: A pipe which conveys, by gravity, the oil from the maximum level of an auxiliary tank to the storage tank or from the pump to the storage tank.

PERMANENT DEFORMATION: Wherever phrase, "without permanent deformation," is used in these rules it shall mean that the tanks or containers shall, after release of test pressure, resume their original size and shape.

PERMIT: Shall mean permit for storage of oil.

PORTLAND CEMENT CONCRETE: Shall mean a mixture of one (1) part cement and not more than two and one-half (2 1/2) parts sand and five (5) parts of coarse aggregate and complying in all other respects with the requirements of the Code of Ordinances, Chapter V, Article 2, Section 28.

PREHEATER: A device designed for heating oil for the purpose of decreasing the viscosity.

RELIEF VALVE: A valve held shut by a spring or other means of automatically relieving pressure in excess of its setting.

RELIEF LINE: That portion of the line between the bypass connection of the relief valve and the supply line or storage tank.

REMOTE CONTROL: A hand, electric, or mechanically-operated device to shut off the oil supply. A thermostat is not acceptable as a remote control.

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SCAVENGING LINE: A line installed to permit the removal of water or foreign matter from a storage tank.

SHOP FABRICATED: Shall mean completely built in the shop of the tank manufacturer.

SHUT-OFF VALVE: A device that can be actuated to prevent the flow of liquid in a line of pipe.

STORAGE CONTAINER: Any container for oil connected to a burner or oil-burning heater and having a capacity of ten (10) gallons or less.

STORAGE TANK: Any container for oil having a capacity of two hundred and seventy-five (275) gallons or more, having a fill line and vent line connected thereto.

STORAGE TANK, AUXILIARY: Any container for oil having a capacity of not over 60 gallons and used as an intermediary tank for gravity feed and equipped with an automatic or manually operated pump.

SUPPLY LINE: That portion of the line between the storage tank and the pump oil inlet connection. Where a pump is not used, it shall be that portion of the line between storage tank and burner and burner oil inlet connection.

TEST WELL: An opening in the top of the storage tank or a straight pipe connected to such opening through which a gauge stick may be inserted into the storage tank.

TRANSFER PUMP: An oil pump that is not an integral part of the burner and which is installed between storage tank and burner.

VENT PIPE: That portion of the line between vent pipe terminal and vent pipe connection in the storage tank.

Rule 3. Oil Permitted.

(a) Oil permitted under these rules shall be any liquid mixture, substance, or compound derived from petroleum, shale oil, coal tar, and the liquid products thereof, and shall have a flash point not lower than 100 degrees Fahrenheit when tested in a Pensky-Martens closed cup tester (American Society for Testing Materials Method D93-22) and marketed under the following commercial grades:

Range	Oil	SP.	Gr.	(A. P. I.)	40-44°
No. 1	Fuel Oil	"	"	"	36-40°
No. 2	"	"	"	"	32-36°
No. 3	"	"	"	"	28-32°
No. 4	"	"	"	"	24°+
No. 5	"	"	"	"	18°+
No. 6	"	"	"	"	10°+

(b) The use of crankcase refuse oil as fuel oil is strictly prohibited.

Rule 4. Burners.

(a) Burners, including oil-burning heaters, shall be as approved, provided with suitable safeguards to prevent abnormal discharge of oil.

(b) Approval of burners or oil-burning heaters designed for installation with storage of not more than six (6) gallons shall include approval of storage containers and limitations of installation. If more than six (6) gallons' storage is desired for such burners or oil-burning heaters, a storage tank shall be installed as provided for in these rules. Portable containers of not more than six (6) gallons' capacity may be filled from such storage tanks by means of an approved hand pump located above the top of the tank.

(c) The requirements of these rules shall not apply to the use and installation of portable burners not requiring a connection to a flue where such burners are of the type commonly used for household purposes including oil stoves, oil heaters and oil lamps equipped with a woven wick or mechanical device the movement of which is essential to flame adjustment; or to portable cabinet heaters with one or two burners not exceeding 6 inches in diameter each with all parts of the burner mechanism rigidly fixed except the storage container and with cabinets not over 33 in.

in height; nor do the requirements of these rules apply to such portable apparatus such as blow torches, soldering pots, tar heaters, snow melters, etc.

Rule 5. Material and Construction of Tanks.

Section 1. Cylindrical Tanks (except vertical tanks located outside of buildings above ground).

(a) All tanks for the storage of fuel oil shall be built of steel plates made by the open hearth process and known to the trade as "tank steel." Such plates shall be free from physical imperfections, such as laminations, cracks, mill scale, etc. All steel must be new in good condition and free from rust. The thickness of steel required and the size and spacing of rivets shall be as stated in the table given below.

(b) All tanks must be welded or riveted and caulked, or riveted and welded. Flanges or other pipe connections may be welded. All caulking shall be done with round nose tools and without injury to the plates. Filler of any kind between plates is prohibited.

(c) Thickness of cylindrical tanks, except tanks of 275 gallons capacity or less:

Tanks 36 in. in diameter and less— $\frac{1}{4}$ in. shell, $\frac{1}{4}$ in. heads.

Tanks 37 to 72 in. in diameter— $\frac{1}{4}$ in. shell, $\frac{5}{16}$ in. heads.

Tanks 73 to 120 in. in diameter— $\frac{5}{16}$ in. shell, $\frac{3}{8}$ in. heads.

Tanks over 120 inches in diameter to be of $\frac{3}{8}$ in. steel and to be stiffened by angle rings or equivalent members so as to retain their cylindrical form.

(d) All cylindrical, oval or abround storage tanks shall have dished heads with a curvature the radius of which is not greater than the diameter of the tank. Dished heads shall be formed with an adequate cylindrical extension rim to provide welding or riveting surface. Should flat heads be used they must be braced in the same manner as described for the bracing of flat sides of rectangular tanks.

(e) Diameter and spacing of rivets:

Riveting in single lap seams shall not exceed a pitch as follows:

In shell $\frac{1}{4}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{1}{4}$ in. pitch.

In shell $\frac{5}{16}$ in. thick, $\frac{5}{8}$ in. in diameter rivets $2\frac{3}{8}$ in. pitch.

In shell $\frac{3}{8}$ in. thick, $\frac{3}{4}$ in. in diameter rivets $2\frac{1}{2}$ in. pitch.

Section 2. Rectangular Tanks.

(a) All rectangular tanks shall be built of steel plates of the quality required for cylindrical tanks, and of a thickness of not less than $\frac{5}{16}$ of an inch.

(b) Corners may be made up by bending the plates or by use of angles.

(c) Rivets in seams shall be $\frac{5}{8}$ of an inch in diameter and spaced not more than $2\frac{1}{4}$ inches center to center.

(d) All flat surfaces of rectangular tanks are to be braced. Bracing shall be done either by using structural steel members which will act as girders and which will safely carry the load with a factor of safety of five (5), or by using bars from side to side, end to end and top to bottom of the tanks as the case may be.

(e) When structural steel members are used such as angles, channels or beams, etc., the distance from center to center of the rivet lines on these members must not be in excess of twenty-four inches, and the rivet spacing must be such that it will develop the full strength of the members. In no case shall the rivets be in excess of six (6) inches center to center on these members.

(f) When structural steel reinforcing members are tied together with braces in order to reduce the effective length, the braces shall not be stressed higher than nine thousand (9,000) pounds per square inch taken in the minimum net section.

(g) If structural steel members are omitted and the sides of the tank are braced by means of rods or bars, these members should not be spaced farther apart than twenty-

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four (24) inches center to center in all directions. The unit stress permitted in these members shall not be in excess of nine thousand (9,000) pounds per square inch on the minimum net section.

(h) The connection between these members and the sides of the tank must in all cases be such that it will develop the full net sections of the bars so that the bar will break before the connection will let go.

Section 3. All Tanks Except Vertical Above-Ground Storage Tanks.

(a) All storage tanks for oil of two hundred and seventy-five (275) gallons' capacity or less shall have a minimum thickness of shell and head plates of U. S. Standard 10 gauge (.134"). Auxiliary storage tanks of 60 gallons or less shall be similarly constructed but need not be of a gauge thicker than U. S. Standard No. 14.

(b) At time of installation all storage tanks shall bear a permanently fixed plate, spot-welded or equivalent, bearing the name of tank manufacturer, the gauge of material and capacity of tank. All shop fabricated storage tanks shall be installed without structural alteration.

(c) All openings shall be through the top of the storage tank except that 275-gallon storage tanks may be provided with a three-quarter inch ($\frac{3}{4}$ ") opening for gravity discharge and a one-inch (1") opening in the bottom for cleaning and protection against corrosion.

(d) All buried storage tanks shall have a thorough coating on the outside of hot tar, asphaltum, or other equivalent rust-resisting material. All such tanks shall be electrically grounded.

(e) Manholes; where used for oils having a viscosity less than 500 sec. Saybolt Universal at 100° F. shall have manhole covers bolted and air tight; where used for oils having a viscosity greater than 500 sec. Saybolt Universal at 100° F. (No. 5 or No. 6 Commercial Standard grades) shall have manhole covers bolted or otherwise secured to the tanks and kept hydrostatically tight at all times.

Section 4. Vertical Storage Tanks Over 1,000 Gallons Capacity Located Outside of Building Above Ground.

(a) Vertical tanks located outside of building above ground shall be built of steel plates of the quality required for cylindrical tanks.

(b) The minimum thickness of shell or bottom plates shall be $\frac{1}{4}$ inch and the minimum thickness of roof plates $\frac{1}{8}$ inch.

The thickness of shell plates shall be figured in accordance with the following formula:

$$t \text{ equals } \frac{P \times r \times F}{T \times E}$$

P equals head pressure at bottom of ring under consideration.

r equals radius of shell in inches.

F equals factor of safety (taken as 5).

T equals tensile strength of plate in pounds per square inch (55,000 pounds per square inch).

E equals efficiency of vertical joint in ring under consideration (calculations to be based on formulas as given

Correction—paragraph (d) eliminated, covered by Rule 5, section 1 and Rule 10, section 3; paragraph (e) change to (d) and portion, covering thickness of shell, eliminated, covered by Rule 5, section 1; paragraph (f) change to (e).

in Bulletin No. 14 of the New York State Industrial Commission).

(c) Roof plates shall have single riveted watertight seams and the roof shall be built to shed water. Bottom plates shall have single lap riveted seams. Shell plate seams shall be designed with proper efficiency to meet requirements of above formula for shell plates.

(d) In all cases, steel tanks for the storage of fuel oil must be built metal to metal. No filler of any kind will be permitted.

Section 5. Storage Containers.

(a) Storage containers for oil of six (6) gallons capacity or less used in connection with burners or oil-burning heaters shall be designed to withstand a hydrostatic pressure test of five (5) pounds per square inch without permanent deformation, rupture or leakage and shall be approved as provided in Rule 4(b). Glass storage containers shall not exceed three gallons capacity, protected with a metal jacket provided with hand grips and designed to be rigidly fastened to stand or wall and shall be approved as provided in Rule 4(b).

Rule 6. Location of Tanks.

Section 1. Inside of Buildings.

(a) Storage tanks having a capacity of two hundred and seventy-five (275) gallons and auxiliary tanks may be installed above ground in or on the lowest story of a building, provided such tanks shall be mounted on substantial incombustible supports, with tank permanently attached thereto, and located not less than seven feet (7'), measured horizontally from any furnace or source of exposed flame unless tank is protected as provided for in Rule 6, Section 1(b). Such storage tanks inside buildings shall be not less than two hundred and seventy-five (275) gallons' capacity and not more than one such tank shall be connected to one burner. Not more than two (2) two-hundred-and-seventy-five (275) gallons storage tanks shall be installed in a building above ground without protection as provided for in Rule 6, Section 1 (b).

(b) Storage tanks having a capacity of more than two hundred and seventy-five (275) gallons, when installed inside of buildings, shall be located in or on the lowest floor level and all portions of such tanks above the floor shall be protected by a continuous jacket of not less than four inches (4") of Portland cement concrete reinforced with not less than No. 20 steel wire gauge wire cloth 2" x 2" mesh, and extending at least four inches (4") beyond the horizontal outline of tank in all directions, with weep holes along the bottom one inch in diameter not more than 3 ft. apart.

Each storage tank may be placed in an enclosure having masonry walls not less than eight inches (8") in thickness and of dimension not less than fifteen inches (15") greater on all sides than the outside dimensions of the storage tank. The walls of the enclosure shall be carried up to a height not less than two feet (2') above the top of the tank. Fireproof access doors spaced ten feet (10') apart shall be installed in the enclosure above the point where the enclosure has a capacity equivalent to the tank and such part of the enclosure shall be leak proof.

(c) The capacity of individual storage tanks located inside of buildings shall not exceed twenty thousand (20,000) gallons.

(d) All storage containers used in connection with burners or oil-burning heaters shall be installed in a substantial and workmanlike manner with rigid metal fasteners to wall or floor and protected against mechanical injury.

Section 2. Outside of Buildings, Below Ground.

(a) Storage tanks located outside of buildings, below

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ground, shall be buried with the top of the tank not less than two feet (2') below the surface of the ground. Tanks shall be placed on firm soil and shall be surrounded by clean sand or well tamped earth, free from ashes or other corrosive substance, and free from stones larger than will pass through a one-inch (1") mesh. When necessary to prevent floating, tanks shall be securely anchored.

(b) Along the line of subways no tank shall be placed within twenty (20') feet of any wall, separating a building from the subway, and, if practicable, tanks shall be placed in a lower position than the roadbed of the subway, except as may be modified in specific instances by the Board of Standards and Appeals.

(c) No tank shall be buried so as to be nearer than 3 feet to any foundation wall.

(d) All buried storage tanks larger than two hundred and seventy-five gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Section 3. Outside of Buildings, Above Ground.

(a) Storage tanks located outside of buildings above ground shall be not less than one and one-quarter (1¼) tank diameters and in no case less than ten feet (10') from the line of adjoining property, the nearest building or adjacent tank. Such tanks shall be electrically grounded. The maximum capacity of individual tanks located outside of buildings above ground shall be fixed by the following schedule:

If distant 25 feet from line of adjoining property which may be built upon	16,000 gallons
If distant 30 feet	24,000 "
If distant 40 feet	36,000 "
If distant 50 feet	48,000 "
If distant 60 feet	60,000 "
If distant 75 feet	96,000 "
If distant 85 feet, or more.....	100,000 "

(b) Each such storage tank shall be protected by an embankment or a dyke. Such protection shall have a capacity of not less than one and one-half (1½) times the capacity of the tank so surrounded and shall be at least four feet (4') high but in no case higher than one-fourth (¼) the height of the tank when the height of the tank exceeds sixteen feet (16'). Embankments or dykes shall be made of earthwork with clay core; of masonry, or of impervious reinforced concrete. Earthwork embankments shall be firmly and compactly built of good earth, free from stones, vegetable matter, etc., and shall have a flat section at the top of not less than three feet (3') and a slope of at least one and one-half (1½) to two (2) on all sides. Concrete or masonry dykes shall be so designed as to safely carry the entire volume of the oil in the tank so surrounded. Embankments or dykes shall be continuous and unpierced. See Chapter 10, Section 111, Code of Ordinances, for required fire extinguishing system.

(c) All above ground storage tanks larger than two hundred and seventy-five (275) gallons, prior to or at the time of installation, shall be thoroughly cleaned and coated on the outside with two (2) coats of red lead and coated at the site with hot tar, asphalt or other equivalent rust resisting material. All tanks shall be electrically grounded.

Rule 7. Piping.

Section 1. Installation of Piping.

(a) Piping shall be run in a substantial and workmanlike manner. Exposed piping shall be protected against mechanical injury and shall be securely supported with rigid metal fasteners or hangers. All pipes connected to buried tanks except test well piping shall be provided with double swing joints at tank.

(b) Only new standard full-weight iron, steel or brass pipe, or new extra-heavy copper brass or aluminum alloy tubing, properly marked and duly approved, may be used. Flexible metal tubing when used for conveying oil, shall be adequately protected. Soldered connections are prohibited. Tubing shall be submitted for approval.

(c) Overflow pipes where installed shall not be smaller in size than the supply pipe.

Section 2. Relief Valves.

(a) Where a shut-off valve is installed in the discharge line from an oil pump a relief valve shall be installed in the discharge line between the pump and the first shut-off valve.

(b) Oil preheaters shall be provided with a relief valve to prevent excessive oil pressure.

(c) Relief valves shall be set to discharge at not more than one and one-half (1½) times the maximum working pressure of the system. The discharge from relief valves shall be returned to storage tank or to the supply line. There shall be no shut-off valve in the line of relief.

Section 3. Vent Pipe.

(a) An open vent of iron or steel, without trap, and draining to the tank, shall be provided for each storage tank. The lower end of the vent pipe shall not extend through the top of the storage tank more than one inch (1"). Cross connection between vent pipe and fill pipe is prohibited.

(b) Where a battery of storage tanks, designed to hold the same grade of oil, is installed, vent pipes may be run into a main header.

(c) Vents shall be not less than one and one-quarter inches (1¼") in diameter for storage tanks up to 1,100 gallons' capacity and not less than two inches (2") in diameter for storage tanks of 1,100 gallons and more. Vents for auxiliary storage tanks shall not be less than ½ inch in diameter and may be run into the storage tank vent.

(d) Vent pipes shall be provided with weatherproof hoods and shall terminate outside the building not less than two feet (2') from any building opening and not less than five feet (5') nor more than twelve feet (12') above the fill pipe terminal. If the vent pipe terminal is not visible from the fill pipe terminal location, a one-inch (1") line shall be connected to tank and shall parallel the fill pipe and terminate at the fill pipe terminal with unthreaded end. Such line shall be provided with a check valve set to prevent flow of surface water to storage tank.

Section 4. Fill Pipes.

(a) Fill pipe shall terminate outside the buildings with the fill pipe terminal located at or above grade at least five feet (5') from any building opening or subway grating at or below the level of the fill pipe terminal. No fill pipe shall be less than 2 inches in diameter.

(b) Each storage tank shall be provided with a separate fill pipe except where a battery of tanks is installed, containing the same grade of oil, a common fill and header pipe may be installed provided the area of each branch fill pipe and the header pipe is equal to the area of the fill pipe. Each branch fill pipe shall be provided with a shut-off valve.

(c) Where the top of the storage tanks is above the fill pipe terminal the fill pipe shall be connected to the top of the tank and be provided with a shut-off valve and a swing check valve which shall be located at the fill pipe terminal.

(d) All fill pipe terminals shall be of approved type designed to prevent tampering by unauthorized persons and shall be provided with raised letters reading: "Fuel Oil"

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on fixed portion of terminal body. Where there is a storage system of volatile inflammable oil and a storage system for fuel oil to be used in the same premises, the terminal of fuel oil fill pipe shall be provided with a left-handed thread, and the fill pipe fitting shall be of a different size than that required for the fill pipes to gasoline tanks.

(e) Fill pipes shall be designed to prevent escape of oil vapor from storage tanks at fill pipe terminal.

Section 5. Heating Coils in Storage Tanks.

All heating to reduce viscosity of oils in storage tanks shall be only by means of hot water or low pressure (ten (10) pounds per square inch maximum) steam coils.

Section 6. Scavenging Line.

When a scavenging line is installed it shall terminate outside of the building and shall be capped oil tight when not in use.

Rule 8. Valves and Control of Oil Flow.

(a) Each supply line from storage tanks of two hundred and seventy-five (275) gallons' capacity and from auxiliary storage tanks shall be provided with a shut-off valve at the tank and at the burner and when connected to burners designed for gravity feed, shall be provided with an approved constant level device.

(b) Each supply line for storage tanks of more than two hundred and seventy-five (275) gallons' capacity, shall be provided with a shut-off valve at the burner and where the top of the tank is above the oil inlet connection to the burner and/or transfer pump, shall be provided with an approved anti-syphon device located at the highest point in supply line, except that where heavy oil (No. 6 Commercial Standard Grade) having a viscosity of one hundred (100) seconds or more Saybolt Furol at one hundred and twenty-two degrees Fahrenheit (122° F.) is used, the anti-syphon device shall not be required.

(c) Except as may be modified in specific instances by the Board of Standards and Appeals, oil from storage tanks of two hundred and seventy-five (275) gallons' capacity or more may be delivered to burners installed above the lowest floor of a business building only under the following provisions:

1. Plans for such installation shall be submitted for approval to the administrative official having jurisdiction before such installation is made.

2. Such burners shall not be installed in any story of any building the floor of which is more than fifty feet (50') above the street level. Only one oil delivery line shall be installed for each floor.

3. Oil delivery lines to burners located above the lowest floor of a building shall not be larger than two inches (2") iron pipe size.

4. The pressure in oil lines to burners located above the lowest floor of a building shall not be more than is necessary to deliver oil to the burners and such pressure shall not in any case exceed thirty (30) pounds per square inch. With each automatic burner there shall be installed and maintained in good working order a set of suitable safety controls of the electric or mechanical type. The proper control for each burner is to be listed in the resolution under which the burner is approved. The controls are to provide the following functions:

Temperature control	
Ignition	"
Stack or	
Combustion	"
Pressure	"
Gravity	"

(d) A remote control shall be provided whereby the flow of oil to any burner can be stopped, and such remote

control shall be located outside the entrance to the room in which the burner is located and as close to such entrance as practical, except when outside location is impractical such control may be located immediately inside the room in which the burner is located if such location is accessible at all times. All such controls shall be legibly labeled "Remote Control for Oil Burner." On auxiliary storage tanks used with manually operated burners such remote control may be installed on feed line between tank and burner.

(e) Except as provided by Rule 4(b) of these rules for approved combination burner and storage container devices, pressure in storage tank or container for the purpose of discharging oil is prohibited.

(f) In systems where either steam or air is used for atomizing the oil, the oil and the atomizing supply shall be interlocked so that in case of the interruption of the atomizing supply, the supply of oil will immediately be cut off. Except that this requirement shall not apply to air and oil supply units directly connected to a common driver.

Rule 9. Oil Level Indicating Device and Test Wells.

(a) All tanks located inside of buildings shall be provided with an oil level indicating device. Test wells shall not be permitted in tanks located inside of buildings. Unused tank openings shall be permanently sealed to prevent removal of plugs or cover.

(b) Oil level indicating devices shall be constructed of substantial materials so designed that there can be no leakage of oil or oil vapor.

(c) Test well shall be capped oil tight and kept closed when not in use.

Rule 10. Permits, Plans, Inspections and Tests of Storage Tanks and Piping.

Section 1. Permits.

(a) No oil installation of more than ten (10) gallons' capacity shall be operated until after a permit has been issued by the Fire Chief and Commissioner.

(b) Applications for permit shall be made by the installer on forms furnished by the Fire Chief and Commissioner and shall provide for the location of the building in which the installation is to be made, name and address of owner and/or occupant, name and address of installer, make and approval number of burners, pumps and other devices, capacity, number and location of storage tanks, together with approval of such proposed installation by the Commissioner of Buildings when required under Section 2 of this Rule 10.

(c) No permit shall be issued by the Fire Chief and Commissioner until the installation has been inspected by his representative.

Section 2. Plans to be Filed Where Structural Considerations Are Involved.

Except for installations in dwellings as defined in these rules, the installer shall file with the Commissioner of Buildings plans showing the size and location of all storage tanks having a capacity greater than 275 gallons where such tanks are to be installed either inside of buildings in or below the lowest floor level or outside of buildings below ground. Plans, however, shall be filed where 275 gallon tanks are to be buried and for all multiple dwellings and for all places of public assembly. All plans, as in this section required, shall be certified to by the Commissioner of Buildings when approved by him as in compliance with all structural requirements, to the Fire Chief and Commissioner before any work is started and before the permit provided for in Section 1 is issued.

RULES

Section 3. Inspection and Tests of Installations of Storage Tanks and Piping.

(a) Storage tanks not exceeding two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no leakage when tank and all piping for oil is completely filled with oil when subjected to a test of 10 pounds per square inch.

(b) Storage tanks of more than two hundred and seventy-five (275) gallons' capacity and all piping for oil connected thereto shall show no change in shape, rupture or leakage when subjected to a hydrostatic test with water or oil as follows:

(1) Oval, obround, rectangular and specially shaped storage tanks and piping connected thereto, twenty-five (25) pounds per square inch.

(2) Cylindrical storage tanks and piping connected thereto, fifty (50) pounds per square inch.

Pressure shall be applied for a period of thirty minutes. When oil is used there shall be no fire or flame in the room or rooms in which the test is being conducted. All tests shall be conducted in the presence of a representative of the Fire Chief and Commissioner. The contractor shall furnish all necessary equipment for conducting tests, except gauges which shall be furnished by the administrative official. Such test may be made with oil in freezing weather for tanks located outside of building.

(c) Defective tanks, if repaired by welding, shall have all oil removed and shall be purged of all explosive gases or vapors.

(d) The anti-syphon devices, where used as provided for in these rules, shall be approved devices.

Section 4. Fee for Permit and Test of Storage Tanks and Piping.

When application for permit is made, as provided for in Section 1 of this rule, a fee covering the permit, inspection and test of storage tank and piping shall be paid in accordance with the schedule given in the Code of Ordinances.

Rule 11. Inspection of Installations With Not More than Six (6) Gallons' Storage Capacity.

All installations of burners with not more than six (6) gallons' storage capacity except where such installations are made in dwellings shall be reported by installer to the Fire Chief and Commissioner giving location of building in which installation is made, name and address of owner and/or occupant, name and address of installer and the make and approval number of burner. Such reported installations shall be inspected as required by Code of Ordinances.

Rule 12. Ventilation.

(a) No burner shall be installed in any boiler, heater, range or stove unless such boiler, heater, range or stove be connected with a legal chimney, complying with Section 392, Article 19, Chapter V, of the Code of Ordinances.

(b) Adequate ventilation, at least equivalent to area of the smoke pipe at the point where it enters the flue, shall be provided in all rooms in which burners are installed.

(c) Dampers shall be so constructed that they cannot completely cut off the passage of flue gases at any time.

Rule 13. Automatic Pumps.

Automatic pumps, when not an integral part of the burner shall be of approved type, provided with automatic means for preventing continuous discharge of oil in case of pipe breakage.

Rule 14. Fire Protection.

(a) The clear distance between smoke pipe connections, of any boilers, furnaces or other heating apparatus to

flues, and combustible material shall not be less than eighteen (18) inches, except that this clearance may be reduced to nine (9) inches where a baffle consisting of not less than No. 29 gauge sheet metal backed by $\frac{1}{4}$ inch thick asbestos is placed two (2) inches above and extending along the entire length of the smoke pipe connections and twice the width thereof and such baffle is securely fastened from the ceiling with substantial hangers. In lieu of such baffle the combustible material may be covered with fire-retarding material as defined in these rules.

(b) The clear distance between any none-insulated heat-producing parts of boilers, furnaces or other heating apparatus and combustible material shall not be less than twenty-four (24") inches. Where such parts are insulated by two (2") inches of asbestos, or equivalent, the clear distance shall be not less than twelve (12") inches, or, in lieu of such insulation the combustible material shall be covered with fire-retarding material as defined in these rules extending 8 ft. in front and 4 ft. side and rear of the apparatus.

(c) No combustible material shall be stored or maintained within five feet (5') of heating apparatus, except where same is protected by fire retarding material.

(d) Burners and all accessories, including tanks and piping, shall be maintained oil tight and kept clean at all times.

(e) The floor beneath boiler or furnace and within five (5) feet in all directions shall be of fireproof construction.

(f) Oil burning devices designed for installation with storage of not more than six (6) gallons shall be firmly anchored to the floor, set level, and the floor beneath the stoves or any such heating devices protected by a shield of $\frac{1}{2}$ " asbestos or equivalent extending at least twelve (12") inches beyond the outline dimension of such device where required within the specific approval of each burner.

(g) Near each boiler or furnace of a fuel oil burning unit there shall be kept ready for use fire extinguishing equipment of not less than two quart capacity approved as suitable for oil fires or not less than two pails of sand, the pails to have rounded bottom.

Rule 15. Instruction Cards and Certificate of Fitness.

(a) Cards, giving complete instructions for the care and operation of the system shall be permanently fixed near the apparatus in readable condition. Where burners or oil-burning heaters designed for use with storage of not more than six (6) gallons' capacity are installed, there shall also be posted a copy of the specifications under which it was approved by the Board of Standards and Appeals in addition to the instruction card herein provided for.

(b) All heating systems in which the oil is preheated or systems not fully automatic shall, when operating, be under the direct supervision of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, except, that a person licensed as an engineer under the provisions of Section 409 of the Charter of the City of New York, shall not be required to obtain such certificate.

Rule 16. Modification.

When, for any reason, it may be impracticable to comply strictly with the foregoing rules, the administrative official having jurisdiction shall have power to accept substitute methods provided the spirit and substance of these rules shall be complied with.

Rule 17. Existing Installations.

Oil burner systems heretofore installed and duly approved as complying with all laws and rules then applicable thereto shall be deemed acceptable, provided there have been no subsequent alterations to the apparatus, except as to Rule 15-b.

APPROVED APPLIANCES

Burners for Domestic and Commercial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A. B. C. Oil Burner.....	1295-24-SA	Electrol Automatic Oil Burner and Models	
A. B. C. Oil Burner, Type H.....	684-29-SA	BB, C and EA.....	259-25-SA
Acme Oil Burner, Models BO-1 and BO-2..	132-34-SA	Ember-Glo Oil Burner.....	462-32-SA
Aetna Automatic Oil Burner.....	1547-23-SA	Enterprise Rotary Fuel Oil Burner.....	1149-27-SA
Air-Blast Oil Burner.....	579-32-SA	Enterprise Steam Atomizing Burner.....	15-33-SA
Alladin Oil Burner.....	298-26-SA	Enterprise Type Junior "W" Oil Burner,	
Alexander Oil Burner.....	65-28-SA	Models 1, 2 and 3.....	225-32-SA
Alida Oil Burner.....	124-34-SA	Espo Oil Gas Burner.....	1431-23-SA
American Blue Flame and Sun Flame Oil		Evenheat Oil Burner.....	554-32-SA
Burning Heaters, Models No. 73, 86, 88,		Everedy Oil Burner.....	102-33-SA
92, 93, 94, 95, 96, 4512, 4518, 4528, 4538,			
4562, 4563, 4573, 4578, and 4588.....	298-33-SA	Fairfield Oil Burner.....	584-31-SA
Auto Heat Oil Burner.....	284-33-SA	Faultless Oil Burner.....	493-24-SA
Autocrat Oil Burner, Model B-1.....	297-31-SA	Fluid Heat Domestic Oil Burner, Type O...	1094-27-SA
Automatic Airless Oil Burner, Model No. 1..	53-34-SA	Fluid Heat (Gun Type) Oil Burner, Model P	134-35-SA
		Fluid Heat Oil Burner.....	361-32-SA
Baker Automatic House Heating Burner....	1323-22-SA	Forsdraft Oil Burner.....	41-34-SA
Baker Oil Burner, Model L, Gun Type.....	404-29-SA	Foster Oil Burner.....	715-26-SA
Ballard Baby Grand Oil Burner.....	447-32-SA	Franklin Domestic Oil Burner.....	560-26-SA
Ballard Super Domestic Oil Burner.....	939-24-SA	Freeport-Silent Service Oil Burner, Models 5,	
Bayard Domestic Fuel Oil Burner.....	1184-22-SA	10 and 30.....	97-33-SA
Berggren Oil Burner.....	764-26-SA	Fuelo Oil Burner.....	47-30-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA		
Bettendorf Automatic Oil Burner, Models D,		Gar Wood Oil Burner.....	373-30-SA
F and G	88-34-SA	Gar Wood Oil Burner, Models K and K-3500	481-32-SA
Bettendorf High Pressure Oil Burner.....	479-31-SA	General Electric Fuel Oil Burner.....	434-32-SA
Bettendorf Oil Burner.....	731-28-SA	General Electric Oil Burner, Type DA-2....	228-33-SA
Bettendorf Oil Burner, Model H.B.....	498-32-SA	Ghapco Steam Generator	348-31-SA
Block Oil Burner, Models A, B, C and D....	123-31-SA	Gilbarco Industrial Burner.....	350-32-SA
Bock Oil Burning Water Heater.....	102-34-SA	Gilbert & Barker Flexible Flame Burner....	109-31-SA
Braden Automatic Fuel Oil Burner.....	322-30-SA	Gilbert & Barker Junior Flexible Flame Do-	
Branford Oil Burner.....	36-31-SA	mestic Oil Burner.....	520-31-SA
Branford Oil Burner, Model "A".....	461-32-SA	Gilbert & Barker Oil Burner, Model S-1....	282-33-SA
Brighton Oil Burner.....	372-33-SA	Gill Oil Burner.....	1231-23-SA
Bullet Automatic Oil Burners, Models A and		Gold Star Oil Burner, Models F and 6.....	166-33-SA
B	195-33-SA	Goodrich Oil Burner, Models G-0, G-1, G-2	
		and G-3	441-31-SA
Caloroil Burner, Type AA.....	1361-24-SA	Goodspeed Automatic Oil Burner.....	957-27-SA
Camel Automatic Oil Burner, Model 30, Types		Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA
A, B and C and Models J and A.S.....	229-32-SA	Gould Automatic Oil Burner.....	178-35-SA
Carboradiant Oil Burner, Models V & VS...	16-31-SA	Grant Oil Burner.....	382-26-SA
Carboradiant Oil Burner, Model VSS.....	49-32-SA	Grant Oil Burner, Model "C".....	232-32-SA
Carborundum Burner	571-29-SA		
Carter-Korth Oil Burner, Model "P".....	389-32-SA	Hardinge Oil Burner.....	813-25-SA
Carter-Korth Oil Burner	54-30-SA	Hardinge Oil Burner, Model 23.....	33-33-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Harris Fuel Oil Burner.....	690-30-SA
Century Oil Burner	157-28-SA	Hart Automatic Oil Burner.....	1162-24-SA
Challenger Kleen Heat Burner, Series No. 100	813-28-SA	Hart Automatic Oil Burner, Model Series	
Challenger Oil Burner, Model "A".....	86-34-SA	"DO"	595-29-SA
Chalmers Automatic Oil Burner, Models D1		Hart Oil Burner, Model "H".....	221-33-SA
and D2	608-32-SA	Hayward Oil Burner.....	696-30-SA
Commonwealth Automatic Oil Burner.....	348-28-SA	Hayward Oil Burner, Model 2000.....	118-35-SA
Concord Burner	108-35-SA	Heat King Oil Burner, Model 2.....	98-35-SA
Cook's Automatic Oil Burner.....	955-27-SA	Heatiator Oil Burner.....	1346-23-SA
Cope-Swift Safety Automatic Oil Burner....	354-31-SA	Heil Combustion Fuel Oil Burner.....	1105-22-SA
Crescent Oil Burner.....	222-29-SA	Heil Combustion Fuel Oil Burner, Type B...	295-29-SA
Crescent Type M Size I Oil Burner and		Hercules Oil Burner.....	510-29-SA
Models 8, 18 and 28.....	592-31-SA	Hercules Oil Burner, Models H and HF....	309-33-SA
Crown Oil Burner, Type XA.....	426-29-SA	Hercules Oil Burner, Models M 1200 and M	
Crystal Blue Flame Oil Burner.....	423-29-SA	1800	486-32-SA
		Holby Type A Fuel Oil Burner.....	688-29-SA
Dahl Vaporizing Oil Burner.....	915-26-SA	Holland Type "F" Oil Burner.....	237-34-SA
D'Elia Oil Burner.....	155-31-SA	Homer Domestic Oil Burner.....	1211-25-SA
Delco Heat Oil Burner.....	420-31-SA	Hupp Oil Burner, Models H, U, P and PP..	10-34-SA
DeWalt Oil Burner.....	541-31-SA		
Dist-o-matic Oil Burner.....	663-28-SA	Improved Kres-Kno Oil Burner and Model	
Doe Oil Burner.....	317-31-SA	MD	591-29-SA
Doherty Oil Burner.....	943-26-SA	Inferno Oil Burner.....	82-33-SA
		International Mechanical Draft Oil Burner..	372-30-SA
Easternoil Automatic Oil Burner, Models A,		International Oil Burner.....	1305-24-SA
B and C	600-31-SA		
Economy Oil Burner, Type A-1.....	45-31-SA	Jacobsen Balanced Oil Burner, (Model V-1)	333-33-SA
Eisler Automatic Oil Burner.....	481-27-SA	Johnson Improved Rotary Fuel Oil Burner..	938-22-SA
Elec-tro-matic Oil Burner, Type 151.....	125-33-SA	Joyce Oil Burner.....	852-26-SA

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
K. F. C. Oil Burner.....	846-25-SA	Oliver Oil Gas Burner, No. 30-A.....	1359-24-SA
Kelco Oil Burner.....	237-33-SA	Oronoque Oil Burner.....	394-30-SA
Kelvinator Oil Burner.....	339-31-SA	Orr Fuel Oil Burner.....	113-26-SA
Kelvinator Oil Burner, Model K.....	105-34-SA		
KcWaNee Oil Burner, Model "C".....	518-32-SA	Packard Fuel Oil Burner.....	77-34-SA
Kleen Heet Oil Burner.....	62-24-SA	Paramount Oil Burner.....	1193-25-SA
Kleen Heet Oil Burner, Type 902.....	99-35-SA	Paramount Oil Burner, Model A.....	617-30-SA
Kleen Heet Oil Burner, Type R.....	49-33-SA	Pascoe Oil Burner.....	1029-26-SA
Korth Oil Burner, Model G.....	136-34-SA	Penn Rotary Oil Burner.....	236-35-SA
Kreager Oil Burner.....	367-30-SA	Perfect Automatic Oil Burner, Models DL-7,	
Kres-Kno Oil Burner.....	443-28-SA	DL-8, DL-10, 0-5, 0-7, 0-8 and 0-10.....	264-35-SA
Kres-Kno Pressing Machine Burner, Model		Perfect-Pantex Oil Burner.....	271-33-SA
MD, sizes KRF and KRF-1.....	354-34-SA	Petro Domestic Burner.....	161-26-SA
		Petro Model T Oil Burner.....	451-31-SA
Laco Oil Burner, Model NL.....	670-30-SA	Petro Model W Oil Burner.....	452-31-SA
Laco Oil Burner, Models F, JF, BF and D..	226-33-SA	Petro Burner, Model O.....	78-28-SA
Lange Economical Oil Burner.....	355-33-SA	Petro Burner, Model P-2.....	735-30-SA
Lawrence May Oil Burner.....	1034-27-SA	Petro Oil Burner, Model W-2.....	244-33-SA
Leader Oil Burner.....	425-31-SA	Petro Oil Burner, Models W-1 and W-1½...	245-33-SA
Leiman Brothers Fuel Oil Burner.....	314-30-SA	Petro Oil Burner, Models D-10, D-11, D-12,	
Liberty Automatic Heater.....	129-28-SA	D-13, D-14 and D-15.....	40-31-SA
Liberty Pressure Oil Burner.....	75-34-SA	Petroleum Heat & Power Company Fuel Oil	
Lonergan Automatic Oil Burner.....	208-33-SA	Burner Model W-AH.....	614-32-SA
Lynn Power Oil Burner, Models 1, 2 and 3..	166-34-SA	Pioneer Automatic Oil Burner.....	1259-27-SA
		Pressure Oil Burners, Models A B and C...	146-31-SA
"M W" Domestic Oil Burners, Models Nos.		Presto Automatic Oil Burner.....	294-34-SA
25, 26, 65, 66, 307, 308, 309, 400 and 800..	341-32-SA	Prize Automatic Oil Burner, Models A, B	
M. W. Emancipator Oil Burner.....	102-33-SA	and C	600-31-SA
M. W. Oil Burning Water Heater.....	737-29-SA	Progressive Oil Burner, Models G4, G5, G6	
M. W. Water Heater, Model 20-D.....	365-34-SA	and G7	411-32-SA
Magna Fuel Oil Burner.....	197-33-SA		
Majestic Oil Burner.....	693-30-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Marr Oil Burner, Model H, Type R.....	765-26-SA		
Master-Kraft Oil Burner.....	83-33-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
May Oil Burner.....	68-24-SA	Ray-Dio Sunshine Oil Burner, Model C, sizes	
May Oil Burner, Type BB.....	46-34-SA	12, 14 and 16.....	368-34-SA
Mayfield Oil Burner.....	568-31-SA	Rayfield Oil Burner.....	504-26-SA
Mayflower Oil Burner.....	124-29-SA	Real Host Oil Burner.....	38-34-SA
McIlvane Oil Burner.....	544-29-SA	Re-Ly-On Oil Burner.....	745-26-SA
Melco Automatic Oil Burner, Type "A".....	1032-25-SA	Remington Domestic Oil Burner, Type B....	532-31-SA
Merco Oil Burner.....	637-29-SA	Remington Oil Burner.....	891-26-SA
Micron Oil Burner.....	345-34-SA	Rexoil Domestic and Industrial Fuel Oil	
Midget Oil Burner.....	155-34-SA	Burner	667-28-SA
Midget Pressing Machine Oil Burner.....	122-35-SA	Richmond Gravity Fuel Oil Burner.....	1193-22-SA
Mid-West Oil Burner, Models 106, 108, 208,		Rickard Oil Burner.....	1011-27-SA
211, 311 and 114.....	327-31-SA	Rotoflame Gem Oil Burner.....	187-33-SA
Monitor Oil Burner.....	202-34-SA	Ryan & Scully Commercial and Domestic Oil	
Morrissey Oil Burner.....	673-27-SA	Burner	304-32-SA
Morrissey Oil Burner, Models MA-2, MA-3,			
MA-4, SP-1, SP-2, SP-3, and MP-1....	359-33-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Morse Conical Type Steam Atomizing Burner	938-25-SA	S & K Wide Range Fuel Oil Burner.....	10-33-SA
Morse Fan Tail Type Steam Atomizing Burner	939-25-SA	S-K Oil Burner, Model F.....	369-33-SA
Morse Fuel Oil Burner.....	820-23-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel	
Moto-Heat Oil Burner.....	195-32-SA	Oil Burner	197-32-SA
Motorless Oilheat Burner, Models 7, 9, 11, 13		S. T. Johnson Co., Type 30-H, Rotary Fuel	
and 15	628-23-SA	Oil Burner	198-32-SA
Mousette Oil Burner.....	887-25-SA	S. T. Johnson Oil Heat Servant.....	157-34-SA
		Schulse Home Oil Burner.....	1487-23-SA
Nairoil Oil Burner, Type R, Model E.....	13-35-SA	Scott-Newcomb Pioneer Oil Burner, Models	
National Airoil High Pressure Burner.....	185-29-SA	C, CA, CJ, CV and SN Junior.....	436-32-SA
National Airoil Low Pressure Burner.....	186-29-SA	Security Oil Burner.....	56-28-SA
National Airoil Type D-R Rotary Oil Burner	548-31-SA	Shepard Oil Burner.....	563-30-SA
National Barley Rotary Oil Burner.....	197-33-SA	Shill Oil Burner.....	315-30-SA
National Oil Burner, Model E-J.....	360-34-SA	Silent-Auburn Fuel Oil Burner, Models A,	
National Rotary Oil Burner.....	836-25-SA	B, C and O.....	463-31-SA
Nesbitt Oil Burner, Models F, JF, BF and D	226-33-SA	Silent Automatic Oil Burner.....	458-26-SA
New Perfection Oil Burner, Type "C".....	518-29-SA	Silent Automatic Burner, Model "B".....	709-30-SA
New Process Oil Burner.....	1071-27-SA	Silent Automatic Burner, Model "E".....	710-30-SA
Nichols-McCann-Harrison Burners	255-31-SA	Silent Flash Oil Burner, Model C1.....	38-33-SA
Noiseless Nokol Model G Oil Burner.....	801-28-SA	Silent Glow Oil Burner, Model G.....	600-30-SA
Noiseless Nokol Rotary Oil Burner, Model R	584-28-SA	Silent Glow Oil Burner, Models 800, 1000,	
Nokol Automatic Burner.....	1078-24-SA	1800, 2800, 3800, 6800 and 8800.....	345-31-SA
Norge Oil Burner Models N8, N18 and N28.	226-34-SA	Simplex Domestic Oil Burner, Type P.A....	446-30-SA
Nu-Way Oil Burner.....	773-26-SA	Simplex Domestic Type "S.P." Oil Burner..	145-31-SA
		Socony Arrow Oil Burner.....	1191-24-SA
Oilbuilt Burner	85-33-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Standard Automatic Oil Burner, Type 14-G.	536-31-SA	Twin City-on-the-Door Oil Burner.....	129-27-SA
Standard Automatic Oil Burner, Type 11-G.	537-31-SA		
Standardyne Oil Burner.....	34-34-SA	Uni-Lec-Tric Oil Burner.....	498-29-SA
Stephens Oil Burner, Models Nos. 1 and 2....	146-33-SA	United States Gun-type Oil Burner.....	222-35-SA
Stuhler Oil Burner.....	618-27-SA	United States Oil Burner.....	620-28-SA
Summerheet Oil Burner.....	581-26-SA	Universal Fuel Oil Burner.....	6-24-SA
Sundstrand Automatic Oil Burner.....	755-26-SA	Universal Oil Burner.....	584-31-SA
Sundstrand Purmaco Automatic Oil Burner, Models A-2, 4-B, C-5, A-3U, 3K, B-5U, B-5K and C-6U.....	658-30-SA	Vapomatic Oil Burner.....	275-34-SA
Sunflower Model S-1 Oil Burner.....	657-29-SA	Vaporoil Burner	44-32-SA
Sunflower Oil Burner, Model S-2.....	587-30-SA	Vesta Oil Burner.....	451-26-SA
Sun Heat Oil Burner.....	603-29-SA	Victor Oil Burner.....	612-30-SA
Sun-Ray Fuel Oil Burner.....	106-33-SA	Victory Oil Burner.....	320-30-SA
Sunway Oil Burner.....	624-30-SA	Viking Oil Burner.....	396-32-SA
Super Automatic Oil Heater Model SSH...	715-29-SA	Volcano Automatic Oil Burner.....	556-29-SA
Superfex Oil Burner, for Warm Air Furnaces	400-32-SA	Volcano Automatic Oil Burner, Models EW, EW-1 and EW-2.....	341-33-SA
Superheet Oil Burner, Model D.....	254-33-SA		
Supreme Oil Burner, Model G.....	136-34-SA	Warner Oil Burner, Model A.....	16-34-SA
Sword Automatic Oil Burner.....	951-25-SA	Wayne Oil Burner.....	1155-25-SA
Syncro-Flame Oil Burner, Models R and RH	139-35-SA	Wayne S-2 Domestic Oil Burner.....	115-32-SA
		Wheco Oil Burner.....	108-34-SA
Tabor Automatic Oil Heater, Type "D".....	778-28-SA	Williams Oil-O-Matic Oil Burner, Models J, JJ, Junior, K, KA, KB, and R.....	918-22-SA
Thoroburn Oil Burner, Model A-1-16-G.....	269-33-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Oil Burner, Model 20.....	287-28-SA	Wisconsin Fuel Oil Burner, Models O, A and B	32-33-SA
Timken Rotary Oil Burner.....	297-29-SA	Wizard Automatic Oil Burner.....	181-33-SA
Timken Silent Automatic Heater (Water Heater Unit) Models 40-A and 50-B....	121-35-SA		
Timken Silent Automatic Oil Burner, Model G	266-34-SA	York Automatic Oil Burner.....	44-29-SA
Todd Rotary Burner, Models A, B and C...	454-25-SA	Yorktown Oil Burner.....	166-33-SA
Todd Spiro Oil Burner.....	470-31-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Spiro Burner (pump type).....	94-32-SA		
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Toridheet Oil Burner, Model G.....	17-35-SA		
Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA		

APPROVED APPLIANCES

APPROVED FUEL OIL FILL PIPE TERMINALS

<i>Name</i>	<i>Calendar No.</i>	<i>Name</i>	<i>Calendar No.</i>
J. H. N.	292-35-SA	Seal-O-Strain	48-35-SA
Newbury	223-35-SA	Sealtite	231-35-SA
Preferred	213-35-SA	Simplex	214-35-SA
Rhode Island	204-35-SA		

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and
on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Croker National Fire Prev. Eng. Co.....	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.....	890-28-SA
John Simmons Co.....	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)...	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company.....	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Jenkins Brothers	780-28-SA
Croker National Fire Prev. Eng. Co.....	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Dis-
tribution Division of the City Record Office, Room 2213,
Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Dis-
tribution Division of the City Record Office, Room 2213,
Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D...	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1..	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner...	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner	1493-22-SA	Louergan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3...	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner.....	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Monarch Industrial Oil Burner.....	133-35-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Conical Type Steam Atomizing Burner	938-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Coen Mechanical Oil Burner.....	942-21-SA	Morse Fuel Oil Burner.....	820-23-SA
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Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Low Pressure Burner.....	186-29-SA
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D'Elia Oil Burner	155-31-SA	National Barley Rotary Oil Burner.....	197-33-SA
DeWalt Oil Burner.....	541-31-SA	Nesbitt Oil Burner, Models F, JF, BF and D	226-33-SA
Doe Oil Burner.....	317-31-SA	Nichols-McCann-Harrison Burners.....	255-31-SA
Enco Type 400 Steam Atomizing Oil Burner.	1414-23-SA	North American Low Pressure Oil Burner...	792-26-SA
Enco Mechanical Oil Burner.....	509-30-SA	Oilbilt Burner	85-33-SA
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Enterprise Steam Atomizing Burner.....	15-33-SA	Packard Fuel Oil Burner.....	77-34-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	Paramount Oil Burner, Model A.....	617-30-SA
Forsdraft Oil Burner.....	41-34-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Frankfort Type P Oil Burner.....	1046-23-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Gem Fuel Oil Burner.....	111-26-SA	Petro Mechanical Burner and Air Register..	735-24-SA
General Electric Fuel Oil Burner, Model D-1	434-32-SA	Petro Model W Oil Burner.....	452-31-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Chapco Steam Generator.....	348-31-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
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Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
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Grant Oil Burner, Model "C".....	232-32-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
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Greenawalt Down Draft Combustion Oil Burning Furnace	85-35-SA	Rockwell Fuel Oil Burner.....	341-21-SA
Hammond Oil Burner.....	72-31-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
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Hart Oil Burner, Model "H".....	221-33-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Hauck Venturi Low Pressure Oil Burner....	88-27-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hayward Oil Burner.....	696-30-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
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Holby Oil Burner.....	328-27-SA	Standardyne Oil Burner.....	34-34-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Steam Oil Burner.....	183-22-SA
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North Oil Burner, Model G.....	136-34-SA		
Creager Oil Burner.....	367-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun Heat Oil Burner.....	603-29-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
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Surface Combustion Low Pressure Burner...	92-23-SA	Vapomatic Oil Burner.....	275-34-SA
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Timken Silent Automatic Oil Burner, Model G	266-34-SA	Wizard Automatic Oil Burner.....	181-33-SA
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Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner....	123-23-SA		

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly	250-34-SA	Loneragan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
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Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
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Bland Range Oil Burner.....	234-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	National Range Oil Burner	361-34-SA
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Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Superfex Oil Burning Heater and Heat Projector, Model No. 1051	491-31-SA
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Kolrid Range Burner	48-34-SA	Vap-R-Oil Oil Burner for Ranges and Stoves	592-32-SA
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		Viking Range Water Heater, Models 222, 232 and 242	65-35-SA

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
- 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval.

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
- 1279-25-SA—Teesdale, Automatic Booster Pumps, Models TUX, TUS, KP and R.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 164-33-SA—Firemaster Fire Extinguisher.
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 221-34-SA—Metropolitan Curb Fill Box No. 138 for Gasoline.
- 224-34-SA—Progressive Press Machine Oil Burner.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Castle No. 5232 and Climax No. 5022.
- 47-35-SA—Ace Rotary Oil Burner.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.
- 123-35-SA—National Airoil Safety Tank Filling Valve.
- 135-35-SA—Loyalty Conversion Hot Water Heater.

- 156-35-SA—Gillespie Elevator Shaft Door Switch.
- 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
- 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 166-35-SA—ServWell Space Heater, Models 247T and 248.
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- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 177-35-SA—Todd Mechanical Oil Burner, Type Hex-Press.
- 179-35-SA—Lonergan Automatic Hot Water Heater with Tank.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.
- 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
- 207-35-SA—Cole's Blast Oil Burning Heating Stove.
- 208-35-SA—Oceco Rotary Pump for Petroleum Products.
- 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
- 217-35-SA—Brigham Oil Burner.
- 219-35-SA—United Copper Service Pipe.
- 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
- 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
- 238-35-SA—Garfire Gun (Fire Extinguisher).
- 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
- 244-35-SA—Woolley Patent Mechanical Oil Burner.
- 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
- 249-35-SA—Acme High and Low Water Alarm Tank Switch.
- 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
- 263-35-SA—Ker-Oil Automatic Water Heater.
- 265-35-SA—French Automatic Oil Burner, Model 5 De Luxe.
- 266-35-SA—Kerogas Bowl Type Oil Space Heater, Models 300, 305, 310, 315 and 320.
- 269-35-SA—Kamy Oil Burner.
- 274-35-SA—Econ-O-Matic Fuel Oil Burner, Model 41.
- 310-35-SA—Viking Pot Type Space Heater, Models, 165 and 170.
- 313-35-SA—Peoples Silent Oil Burner, Models O and G.
- 329-35-SA—Baker Perkins Atomizing Type Mechanical Draft Oil Burner, Type C and CD Controls.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

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		Requests for extension of permit denied	0
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WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

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Room 1001, Municipal Building,
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BULLETIN

OF THE

BOARD OF STANDARDS AND APPEALS

CITY OF NEW YORK

Issued under authority of Sec. 718 of the Greater New York Charter as amended by Chap. 503, Laws of 1916, and the Municipal Assembly, Local Law No. 13, of 1925, Local Law No. 26 of 1934, Local Law No. 27 of 1934 and Local Law No. 10 of 1935.

Published weekly by the Board of Standards and Appeals at its office, Rooms 1001 to 1015, Municipal Building, New York City.

Vol. XX Subscription \$2.50 a year DECEMBER 31, 1935 Single Copies, 5 cents By mail, 8 cents No. 53

DIRECTORY

BOARD OF STANDARDS AND APPEALS

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All communications should be addressed to the chairman of the board

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Progress Report.

PUBLIC HEARINGS

Tuesdays, at 10 a. m. and 2 p. m.

Special meetings as published in this Bulletin.

Call of Clerk's Calendar, Mondays, at 2 p. m.

All hearings are held in Room 1013, Municipal Building, Manhattan.

HOURS FOR CONSULTATION

10 A. M. to 1 P. M.

Any person desiring to consult the chairman or the engineers, pertaining to the work of the board, will be seen only between the hours of ten in the morning and one in the afternoon—Saturdays excepted.

CALL OF CLERK'S CALENDAR

The *Clerk's Calendar* consists of applications under the Building Zone Resolution, and its object is to give interested property owners opportunity to file objections, if any, and will be called in Room 1013, Monday, December 30, 1935, at 2 o'clock. At this call each case is set for hearing on a definite day.

The next subsequent Call of the Calendar will be on Monday, January 6, 1936, at 2 o'clock.

The *Clerk's Calendar* is not to be confused with the calendar of cases that have been definitely set for hearing on fixed days.

NOTICE TO APPELLANTS AND APPLICANTS

No appeal or application will be entertained in connection with which court proceedings are pending or in progress, nor accepted that are not filed within thirty days from the date of the action of the Administrative Official.

Any communication purporting to be an appeal or application shall be regarded as a mere notice of intention to seek relief until it is filed on the form required by the rules of this board.

Upon receipt of any such communication the writer will be supplied with the official forms for presenting his appeal or application.

At the time of filing an appeal or application, the appellant or applicant shall forward a signed notice of appeal addressed to the administrative official (either commissioner of buildings or fire commissioner) and file with this board a duplicate of said notice.

Appellants and applicants are advised that their plans must indicate the points of the compass so as to establish the true location and position of the property, the subject of the appeal or application.

Appeals and applications will be simplified and disposition of same expedited by conforming to these directions.

HARRIS H. MURDOCK, Chairman.

CALENDAR

DOCKET

New Cases Filed up to December 25, 1935

Cal. No.	Department	Premises Affected
360-35-BZ.....	D.B.B.....	2549-2557 Coney Island avenue, northeast corner of Gravesend Neck road (Block 7371, Lots 68 and 70), Borough of Brooklyn. Applic. 16011-35.
359-35-BZ.....	D.B.Q.....	172-01 Grand Central parkway and 82-11 172nd street, northeast corner (Block 7050, Lot 1), Jamaica Estates, Borough of Queens. N.B. 4077-35.
358-35-A.....	F.D.....	1600 Broadway, northeast corner of West 48th street and 720-730 Seventh avenue (Block 1020, Lot 29), Borough of Manhattan. 8249-L.C.

Restored to Calendar

294-27-BZ.....	D.B.B.....	951-959 Lenox road, north side, from East 57th street to Remsen avenue (Block 4644, Lot 1), Borough of Brooklyn. Decision.
254-35-BZ.....	D.B.M.....	300-318 Cathedral parkway, 486-489 Central Park West and 1-11 West 109th street (Block 1845, Lot 36), Borough of Manhattan. Alt. Applic. 2051-35.

CODE

F.D.....	Fire Department
H.D.....	Health Department
D.B.B.....	Department of Buildings, Brooklyn
D.B.M.....	Department of Buildings, Manhattan
D.B.Q.....	Department of Buildings, Queens
D.B.R.....	Department of Buildings, Richmond
D.B.Bx.....	Department of Buildings, Bronx
T.H.D.....	Tenement House Department
B.B.....	Board of Buildings

RULES

Last Publication in Bulletin

Certificate of Occupancy, approved forms	Aug.	2, 1932—Vol. 17, No. 31
Concrete Flat Slabs, Rules.....	Dec.	17, 1935—Vol. 20, No. 51
Concrete Rules (Hydrated Lime)....	Nov.	19, 1935—Vol. 20, No. 47
Elevator rules	May	21, 1935—Vol. 20, No. 21
Exit Rules (Revolving Doors).....	Jan.	1, 1935—Vol. 20, No. 1
Factory Exit Rules.....	June	4, 1935—Vol. 20, No. 23
Fire Alarm Rules (Interior).....	May	28, 1935—Vol. 20, No. 22
Fire Drill Rules.....	Oct.	29, 1935—Vol. 20, No. 44
Fire Retarding Rules for Garages, etc.	Dec.	10, 1935—Vol. 20, No. 50
Fireproof Wood, Testing of.....	Apr.	9, 1935—Vol. 20, No. 15
Frame Garages, Ruling for.....	Jan.	21, 1919—Vol. 4, No. 3
Gas Shut-Off Rules.....	Apr.	7, 1925—Vol. 10, No. 14
Hatchway Protection	June	5, 1928—Vol. 13, No. 23
Oil Burner Rules.....	Dec.	24, 1935—Vol. 20, No. 52
Paint, Varnish and Lacquer Spray- ing Rules	Nov.	27, 1934—Vol. 19, No. 48
Plumbing Rules	Nov.	19, 1935—Vol. 20, No. 47
Procedure, Rules of.....	Nov.	5, 1935—Vol. 20, No. 45
Refrigerating Systems, Extract C.O.....	Dec.	17, 1935—Vol. 20, No. 51
Smoking in Factories, Rules for.....	July	9, 1935—Vol. 20, No. 28
Sprinkler Rules	Nov.	26, 1935—Vol. 20, No. 48

Standpipe Fireline Rules.....	Oct.	29, 1935—Vol. 20, No. 44
Structural Alterations, Reporting...	June	7, 1932—Vol. 17, No. 23
Tank Trucks and Platform Trucks. Extract C. O.....	Dec.	31, 1935—Vol. 20, No. 53
Wire Glass Rules (Amendment to Rule 505 of Industrial Code)...	Apr.	10, 1923—Vol. 8, No. 15

LIST OF APPROVED APPLIANCES

Anti-Siphon Valves	Mar.	5, 1935—Vol. 20, No. 10
Fireline Hose Valves.....	Dec.	31, 1935—Vol. 20, No. 53
Fuel Oil Burners for Domestic and Commercial Use	Dec.	24, 1935—Vol. 20, No. 52
Fuel Oil Fill Pipe Terminals.....	Dec.	24, 1935—Vol. 20, No. 52
Fuel Oil Burners for Industrial Use.....	Dec.	31, 1935—Vol. 20, No. 53
Fuel Oil Pumps.....	Dec.	3, 1935—Vol. 20, No. 49
Paint, Varnish and Lacquer Spray- ing Equipment	Nov.	26, 1935—Vol. 20, No. 48
Range Oil Burners and Space Heaters	Dec.	31, 1935—Vol. 20, No. 53

COURT DECISIONS

Resume of All Court Decisions Involving Cases Decided by the Board Since January 1, 1933.

Church & 94th Street Realty Corp. v. Murdock—Jan. 13, 1933, Board denied gas station in business district, under section 21; Cal. No. 451-32-BZ, Premises 9111-23 Church avenue, N. W. cor. E. 92nd street, Brooklyn. Justice Lockwood sustained Board (N. Y. L. J., May 2, 1933); denied reargument but without prejudice to apply to Board for temporary use of smaller plot (N. Y. L. J., June 5, 1933). June 9, 1933, Board denied reopening for temporary use on smaller plot under section 21. Justice Smith sustained Board (N. Y. L. J., Aug. 18, 1933); reargument granted and matter referred back to Board for full hearing on new plans and possibly new consents and withdrawal of objections "all of which may show a substantial change in the matter" (N. Y. L. J., Dec. 28, 1933). March 6, 1934, Board denied temporary permit for smaller plot under section 21.

In re Quaranto (Murdock)—Mr. Justice Steinbrink—Board sustained (N. Y. L. J., Aug. 5, 1933). January 20, 1933, Board denied application for gas station in business district under section 21, Cal. No. 473-32-BZ; premises 451-453 East New York avenue, northeast corner of New York avenue, Brooklyn.

Matter of Shary (Board of Standards and Appeals)—Mr. Justice Hammer—Application remitted to Board for reconsideration (N. Y. L. J., May 20, 1933). March 10, 1933, Board denied (by vote three for and two against) application for gas station in business district, under section 7f and 21. Cal. No. 535-32-BZ; premises northeast corner of Boston road and Astor avenue, The Bronx. June 9, 1933, Board reconsidered application and granted temporary permit.

Matter of Marcus (Board of Standards and Appeals)—Mr. Justice Smith—Board sustained (N. Y. L. J., September 6, 1933). March 3, 1933, Board denied application for gas station in business district under section 21. Cal. No. 301-30-BZ; premises southwest corner of Linden boulevard and 197th street, St. Albans, Borough of Queens.

Matter of Suburban Brokerage Corp. (Murdock)—Mr. Justice McGeehan—Board sustained (N. Y. L. J., August 8, 1933). Applicant may apply to Board for reconsideration on new evidence and proof. April 11, 1933, Board denied application for business building in residence district (previously denied November 18, 1930.) under section 21. Cal. No. 705-29-BZ; premises 825 East 175th street, northwest corner of Marmion avenue, The Bronx.

Levingson v. Murdock—Mr. Justice Strong—Board sustained (N. Y. L. J., July 25, 1933). February 17, 1933, Board denied application for gas station in residence district, under section 21. Cal. No. 505-32-BZ; Premises south side of Conduit boulevard, 5 ft. 11 in. east of Hemlock street, Brooklyn.

People ex. rel. 88th Holding Co., Inc., v. Murdock—Mr. Justice McGeehan—Certiorari dismissed (N. Y. L. J., July 22, 1933). February 3, 1933, Board denied application for gas station in business district, under section 21; Cal. No. 546-32-BZ; premises northeast corner of Williamsbridge road and Lydig avenue, The Bronx.

In re 88th Hldg. Co., Inc. (Murdock) April 24, 1934, Board denied application for temporary gasoline station under section 7-f (having previously denied gasoline station under section 21) in a business district, Cal. No. 546-32-BZ; Premises N. E. corner Williamsbridge road and Lydig avenue, Bronx. Mr. Justice Frankenthaler sustained Board (N. Y. L. J., January 21, 1935).

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Bleachine Manufacturing Co. v. Board of Standards and Appeals—Mr. Justice McCooley—Board sustained (N. Y. L. J., November 2, 1933). July 14, 1933, Board denied appeal from decision of Fire Department re storage of fifteen one-ton chlorine gas tanks in building on premises at 25-29 to 25-37 51st avenue, Long Island City, Borough of Queens. Cal. No. 483-32-A.

Chloral Chemical Co., Inc. v. Board of Standards and Appeals—Mr. Justice McCooley—Board sustained (N. Y. L. J., November 2, 1933). July 14, 1933, Board denied appeal from decision of Fire Department re storage of fifteen one-ton chlorine gas tanks in building on premises at 25-20 to 25-22 50th avenue and 25-21 to 25-23 51st avenue, Long Island City, Borough of Queens. Cal. No. 484-32-A.

In re Zengendal Realty Co. (Board of Standards and Appeals of City of New York)—Mr. Justice Frankenthaler—Board sustained (N. Y. L. J., November 14, 1933). February 7, 1933, Board granted application for alteration of building to garage, in business district, under sections 7e and 21; Cal. No. 567-32-BZ; premises 3320-3338 Broadway, east side, West 134th street to West 135th street, Manhattan. Objector's order of certiorari dismissed.

People ex, rel. Tracy v. Murdock—Mr. Justice Wenzel—Board sustained (N. Y. L. J., November 27, 1933). July 14, 1933, Board denied appeal from decision of commissioner of buildings to establish or increase use of alleged gasoline station, no record of which exists, in business and residence district; Cal. No. 232-33-A; premises 4200-4212 Fort Hamilton parkway, southwest corner of 42nd street, Brooklyn.

Matter of Bennett (Murdock et al.)—Mr. Justice Cuff—Board sustained, (N. Y. L. J., November 10, 1933). May 16, 1933, Board granted application for gas station in business district, under section 21. Cal. No. 618-29-BZ; premises 651-661 New York avenue, northeast corner of Hawthorne street, Brooklyn. Objector's certiorari order dismissed.

Peo. ex. rel. Ligniform Holding Corp. v. Murdock et al.—Mr. Justice Conway—Board sustained (N. Y. L. J., December 6, 1933). July 14, 1933, Board denied application for gas station and motor vehicle repair shop, partly in business and partly in residence use district, under section 21. Cal. No. 115-33-BZ; premises north side of Merrick road, 7.53 ft. west of 223rd street, Laurelton, Borough of Queens.

Matter of Guthrie (Murdock)—Mr. Justice McCooley—Board sustained (N. Y. L. J., December 27, 1933). May 31, 1933, Board denied application for gas station in business district under section 21. Cal. No. 21-33-BZ; premises Southeast corner of Hillside avenue and 181st street, Jamaica, Queens.

Hughes v. Murdock—Mr. Justice May—Certiorari quashed (N. Y. L. J., February 15, 1934). May 16, 1933, Board denied reopening of case decided by Board, January 13, 1931, denying application to alter part of existing residence for funeral parlor use, in residence district, under section 21, Cal. No. 543-30-BZ; premises 4860 45th street, N. W. corner 50th avenue, Woodside Queens.

Matter of Russo (Murdock et al.)—Mr. Justice Smith—Certiorari quashed (N. Y. L. J., March 1, 1934). July 5, 1933, Board revoked Certificate of Occupancy No. 64364, issued July 25, 1931, premises 313 Stone avenue, Brooklyn. Cal. No. 176-33-A.

Business Thoroughfares, Inc., v. Murdock—Mr. Justice Lockwood—Board sustained (N. Y. L. J., March 12, 1934). September 26, 1933, Board denied application for gasoline service station, in business district, under section 21. Cal. No. 144-33-BZ; Premises S. W. corner 111th avenue and Lakewood avenue, Dunton, Queens.

Rutland Parkway, Inc. v. Murdock—Mr. Justice Dodd—Board sustained (N. Y. L. J., May 22, 1933). February 28, 1933, Board granted application for gas station in business district, under section 21 (previously denied for garage, repair shop and gas station November 18, 1927). Cal. No. 492-27-BZ; Premises 1134-44 East New York avenue, Brooklyn. Special Term and Board sustained by App. Div. (N. Y. L. J., March 24, 1934).

White v. Murdock—Mr. Justice Smith—Board sustained. May 16, 1933, Board denied modification of resolution to change in part occupancy of existing building to garage and repair shop, under section 21. Cal. No. 12-32-BZ; Premises 6513-6519 Fifth avenue, N. E. cor. 66th street, Brooklyn. N. Y. L. J., April 9, 1934).

128 32nd St. Brooklyn Corp. v. Murdock et al.—Mr. Justice Lockwood—Board sustained. December 5, 1933, the Board denied application for gas station, partly in business and partly in residence district, under section 21. Cal. No. 241-33-BZ; Premises 875-881 4th avenue, N. E. cor. 33rd street, Brooklyn. (N. Y. L. J., March 20, 1934).

In re Dempsey (Murdock)—Mr. Justice Cotillo—Board reversed. June 13, 1933, Board denied application for gas station in business district, under section 21, Cal. No. 105-33-BZ; premises 2101-2105 Williamsbridge road, northwest corner of Lydig avenue, The Bronx. Appellate Division reversed Special Term and sustained Board. (N. Y. L. J., April 21, 1934).

Jane David Holding Corp. v. Murdock et al.—Mr. Justice Steinbrink—Board sustained. "Constitutionality of Section 21 is unquestioned." February 21, 1933, Board dismissed for lack of jurisdiction application for gas station in business district on same block with school, under section 21. Cal. No. 68-32-BZ; Premises 1641-1649 Eastern Parkway, Northeast corner Hopkinson avenue, Brooklyn. Appellate Division unanimously confirmed determination of Board. Court of Appeals affirmed App. Div. (N. Y. L. J., April 28, 1934).

Hegarty v. Murdock—Mr. Justice Leary—Board sustained. April 3, 1934, Board denied application for gas station in residence district, under section 21. Cal. No. 198-33-BZ; Premises W. S. Haven avenue, 217 ft. 4½ in. N. of W. 172d street, Manhattan. (N. Y. L. J., May 25, 1934).

Gershenhorn v. Murdock—Mr. Justice MacCrate—Board sustained. May 16, 1933, Board granted application for gas station in business district, under section 21. Cal. No. 13-33-BZ; Premises 1552-60 Stillwell avenue, S. W. cor. Kings Highway, Brooklyn. Objectors' certiorari order dismissed. Appellate Division—confirmed order dismissing certiorari and confirmed determination of Board as modified. (N. Y. L. J., May 4, 1934).

People ex. rel. Arseekay Syndicate, Inc. v. Connell. March 3, 1931, Board denied application for gas station, partly in business and partly in residence district, under section 21. Cal. No. 632-30-BZ. Premises N. E. cor. Queens boulevard and Dongan avenue, Elmhurst. Mr. Justice Byrne reversed Board. App. Div. affirmed order modified similarly to St. Albans-Springfield case (N. Y. L. J., March 17, 1934). Court of Appeals reinstated determination of Board, stating: "The Appellate Division modified the order by a direction that when circumstances so change by development of the neighborhood that the property is reasonably susceptible of being applied to a conforming use, then upon the application of the authorities or any one interested, the gasoline station must be removed. We find in the record no valid basis to the relief so awarded. All that appears is that property acquired as a speculation is not presently adaptable to a productive conforming use. The determination of the Board of Standards and Appeals is conclusive in the circumstances. (*People ex. rel. St. Albans-Springfield Corp. v. Connell*, 257 N. Y. 73)." Pound, Ch. J., Crane, Lehman, O'Brien, Hubbs, Crouch and Loughran, J.J. concur. (N. Y. L. J., July 5, 1934).

Ridder v. Murdock—August 24, 1933, Board denied application for gas station in business district under section 21, Cal. No. 319-30-BZ; Premises 31-01 Newtown avenue, N. E. cor. 31st street, L. I. City. Mr. Justice Cuff sustained Board (N. Y. L. J., September 1, 1934).

Eckels v. Murdock—January 13, 1934, Board refused to reopen application previously denied for gasoline station in business district, under section 21, on ground that no new material facts were presented to justify reopening, Cal. No. 758-30-BZ; Premises, 1507-1512A Myrtle avenue and 280 Irving avenue, Brooklyn. Mr. Justice Smith appointed referee and confirmed referee's report to grant gasoline station (N. Y. L. J., January 26, 1934); Appellate Division modified order along lines of St. Albans-Springfield decision and confirmed same (N. Y. L. J., July 3, 1934); on appeal to the Court of Appeals the points raised were that the questions before the court were the refusal of the Board to reopen and not the merits of the original application, also the application of the St. Albans-Springfield decision to property not farm lands. The Court of Appeals reversed the Special Term and Appellate Division and reinstated determination of Board (N. Y. L. J., October 24, 1934).

Matter of Burke (Connell)—March 14, 1933, Board denied application for gasoline service station in business district, under section 21, having been previously granted under section 7-f, temporary permit February 3, 1925, for two years, which was twice renewed; Cal. No. 1230-23-BZ; Premises, 160-01 46th avenue, northeast corner 160th

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- street, Flushing. Mr. Justice Cuff reversed Board (N. Y. L. J., March 6, 1934); App. Div. reversed Special Term and reinstated determination of Board (N. Y. L. J., October 30, 1934), citing the fact that the section was no longer undeveloped.
- Garden Estates v. Murdock—February 3, 1933, Board granted on condition application for gasoline station in business district, under section 21, Cal. No. 357-32-BZ; Premises, northwest corner Skillman avenue and 43rd street, L. I. City. Mr. Justice Smith sustained Board; App. Div. reversed Special Term and Board (N. Y. L. J., March 24, 1934); Court of Appeals affirmed order of App. Div. (N. Y. L. J., October 24, 1934).
- Matter of Schumer (Murdock)—June 19, 1934, Board denied application for gasoline station in business district, under section 21, Cal. No. 993-26-BZ; premises, 5911-21 22nd avenue (Bay parkway), Brooklyn. Mr. Justice May sustained Board. (N. Y. L. J., October 30, 1934).
- Matter of No. Shore Motor Sales Co., Inc. (Murdock et al.)—May 8, 1934, Board denied gasoline station, motor vehicle repair shop and auto laundry, under sections 7-c and 21, partly in business and partly in residence district; Cal. No. 50-34-BZ; Premises 153-20 Northern boulevard, Flushing. Mr. Justice Humphrey sustained Board (N. Y. L. J., November 23, 1934).
- In re 88th Hldg. Co., Inc. (Murdock)—November 28, 1933, Board denied application for a gasoline station in a business district under section 21, Cal. No. 219-33-BZ; premises northern corner 192d street and 35th avenue, Flushing. Mr. Justice Riegelmann sustained the Board (N. Y. L. J., December 21, 1934).
- Matter of Raskin & ano. res. (Murdock &c. ap.)—June 30, 1933, Board denied permanent permit (temporary permit having previously been granted) for gas station in business district, under section 21, Cal. No. 92-31-BZ; Premises 8401-8411 Flatlands avenue, northeast corner 84th street, Brooklyn. Appellate Division reversed order confirming referee's report sustaining certiorari; matter remitted to Board for new hearing to permit applicant to offer proof of hardship. Appellate Division stated "The discretion to be exercised was that of the Board and not of the Referee acting upon new evidence and his personal inspection of the premises as opposed to a similar inspection made by four members of the Board in reaching its determination." (N. Y. L. J., December 22, 1934).
- Mfrs. Trust Co. v. Murdock—March 6, 1934, Board denied gasoline service station in business district under section 21, Cal. No. 374-33-BZ; Premises 2400-2412 Flatbush avenue, northwest corner Avenue T, Brooklyn. Mr. Justice Brennan sustained the Board (N. Y. L. J., January 23, 1935).
- Michaelson v. Murdock—May 8, 1934, Board denied gasoline service station in business district under section 21, Cal. No. 607-31-BZ; Premises northeast corner Rocky Hill road and 239th street, Bellrose, Queens. Mr. Justice Brennan sustained the Board (N. Y. L. J., January 23, 1935).
- Matter of Buffalo Wash Tray Works, Inc. (Murdock et al.)—March 21, 1933, Board disapproved petition for approval of Can't Pull Anti-Syphon Trap; Cal. No. 137-31-SA. Mr. Justice Dore sustained Board (N. Y. L. J., October 7, 1933). App. Div. affirmed order sustaining Board (N. Y. L. J., February 2, 1935).
- Sonsam Corp. v. Murdock—April 10, 1934, Board denied gasoline service station, partly in business and partly in residence district, under section 21, Cal. No. 368-33-BZ; Premises S. W. corner Sutphin boulevard and 116th avenue, Queens. Mr. Justice Lockwood sustained Board. (N. Y. L. J., February 26, 1935).
- Matter of Milfan Bldg. (Murdock)—June 26, 1934, Board denied gasoline service station, partly in business and partly in residence district, under section 21, Cal. No. 96-34-BZ; Premises N. W. corner Farmers boulevard and 115th road, Queens. Mr. Justice Lockwood sustained Board. (N. Y. L. J., February 26, 1935).
- Peo., ex rel. Emdee Management Corp. v. Murdock—May 8, 1934, Board denied gasoline service station in business district, under section 21, Cal. No. 42-34-BZ; Premises 389-395 Empire boulevard, N. E. corner Clove road, Brooklyn. Mr. Justice Lockwood decided Board should rehear application. (N. Y. L. J., February 26, 1935).
- Moss Bldg. Corp. v. Murdock—May 8, 1934, Board denied reopening of application previously denied for gasoline station in business district, under section 21, Cal. No. 27-33-BZ; Premises N. W. corner Springfield boulevard and 115th avenue, Queens Village. Mr. Justice Hallinan sustained certiorari. (N. Y. L. J., February 27, 1935).
- Healy v. Murdock—September 18, 1934, Board denied reopening to extend time to complete under temporary permit for gasoline station partly in residence and partly in business district, under section 21, Cal. No. 31-33-BZ; Premises 610-622 Utica avenue, Brooklyn. Mr. Justice Hallinan sustained certiorari. (N. Y. L. J., February 27, 1935).
- Matter of Noviak Holding Corp. v. Murdock—April 3, 1934, Board denied application for gasoline station in business district, under section 21, Cal. No. 148-33-BZ; Premises S.W. corner Hollis avenue and Cross Island boulevard, Hollis, Queens. Mr. Justice Faber reversed Board, decision following St. Albans-Springfield case limitation. (N. Y. L. J., August 15, 1934). Appellate Division reversed Special Term and sustained Board. (N. Y. L. J., February 27, 1935).
- Matter of Young Women's Hebrew Assn. (Board Standards and Appeals, et al.)—November 8, 1933, Board granted application for gasoline station in business district, under section 21, Cal. No. 249-33-BZ; Premises 1312-14 Fifth avenue, N. W. corner W. 110th street, Manhattan. Mr. Justice McCook sustained Board. (N. Y. L. J., February 16, 1934). Appellate Division affirmed order. (N. Y. L. J., June 22, 1934). Court of Appeals reversed Board, Special Term and App. Div. (N. Y. L. J., February 27, 1935).
- Peo. ex rel. Nudell v. Murdock—April 11, 1933, Board denied gasoline station in residence district, under section 21, Cal. No. 603-32-BZ; Premises N. W. corner of Liberty avenue and 159th street, Jamaica, Queens. Mr. Justice Lockwood sustained Board. (N. Y. L. J., March 5, 1935).
- Meier v. Murdock—April 10, 1934, Board denied application for gas station in business district, under section 21, Cal. No. 287-33-BZ; Premises N. W. cor. Jamaica avenue and Newtown road, Astoria, Queens. Mr. Justice Hallinan reversed Board's decision and sent application back to Board to place conditions. (N. Y. L. J., February 1, 1935).
- Horton v. Murdock—April 10, 1934, Board denied application for gasoline station in business district, under Section 21, Cal. No. 386-33-BZ; premises northeast corner Eastern boulevard and Soundview avenue, Bronx. Mr. Justice McCook sustained Board. (N. Y. L. J., March 23, 1935).
- Hassall v. Murdock et al.—December 27, 1933, Board denied gas station in business district, under sections 7-f and 21, Cal. No. 141-33-BZ, premises northwest corner Farmers boulevard and 143rd road, Springfield, Queens. Mr. Justice Faber confirmed referee's report and reversed Board. (N. Y. L. J., March 28, 1935).
- In re Legrand Bleach Corp. &c., v. Murdock, et al.—Board denied appeal from decision of fire commissioner in re storage of chlorine gas. Cal. No. 363-31-A, premises 111-17 49th street, Brooklyn. Mr. Justice Cuff sustained Board. (N. Y. L. J., March 28, 1935).
- Matter of Tully (Murdock)—December 11, 1934, Board denied gas station in business district, under section 21, Cal. No. 272-34-BZ. Premises 901-907 Morris Park avenue and 1800-1804 Bronxdale avenue, Bronx. Mr. Justice Callahan sustained Board. (N. Y. L. J., April 3, 1935).
- Boassi v. Murdock—April 10, 1934, Board granted extension of an existing garage, in a business district, under sections 7e and 21, Cal. No. 116-33-BZ, Premises 50-56 Downing street and 214-218 W. Houston street, Manhattan. Mr. Justice Frankenthaler sustained Board (N. Y. L. J., April 18, 1935).
- Baum et al. v. Board of Standards and Appeals—April 17, 1934, Board denied gasoline service station, partly in business and partly in residence district, under section 21, Cal. No. 343-33-BZ; Premises 1384-1392 Linden boulevard, South East corner Bristol street, Brooklyn. Mr. Justice May sustained the Board (N. Y. L. J., April 19, 1935).
- In re Firestone Tire and Rubber Co. (Murdock)—March 21, 1933, Board denied temporary gasoline service station in business district, under section 7-f (previously denied under section 21), Cal. No. 333-31-BZ; Premises North West corner Northern boulevard and 155th street, Flushing, N. Y. Mr. Justice Cuff sustained Board (N. Y. L. J., April 23, 1935).
- Peo. ex rel. Scharnberger v. Murdock, et al.—July 14, 1933, Board denied gasoline service station, partly in business and partly in residence district, under section 21, Cal. No. 114-33-BZ, Premises 172-15 46th avenue, North West corner Utopia parkway, Flushing, N. Y. Mr. Justice Cuff sustained Board (N. Y. L. J., April 24, 1935).

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In re Stiroco Realty Corp'n. (Murdock)—May 15, 1934, Board denied gasoline station in business district, under section 21, Cal. No. 37-34-BZ; Premises S. W. corner 150th street and Northern boulevard, Flushing, N. Y. Mr. Justice Steinbrinck sustained Board (N. Y. L. J., April 18, 1935).

Matter of No. 202 West 63rd Street Corp'n. (Board of Standards and Appeals)—December 15, 1934, Board denied request to reopen case previously denied for a gasoline station, under section 21, in a business district, Cal. No. 783-27-BZ; Premises 8514-8524 15th avenue, Brooklyn. Mr. Justice Conway remitted matter to Board for presentation of evidence. (N. Y. L. J., April 30, 1935).

Matter of Melchionne (Board of Standards and Appeals)—May 29, 1934, Board granted erection and maintenance of refrigerating plant in business district, under section 21, Cal. No. 65-34-BZ; Premises 5901-11 13th avenue, S. E. corner 59th street, Brooklyn. Mr. Justice Conway sustained Board (N. Y. L. J., April 30, 1935).

Peabody v. Board of Standards and Appeals—May 22, 1934, Board denied application to change part of existing dwelling to stores, in residence district, under section 21. Cal. No. 59-34-BZ; Premises 94-100 Clark street and 1 Monroe place, southwest corner, Brooklyn. Mr. Justice Cuff sustained Board (N. Y. L. J., May 4, 1935).

Matter of Regina Boulevard Corp'n. (Murdock &c.)—April 17, 1934, Board denied application for gas station (previously withdrawn) in business district, under section 21. Cal. No. 512-31-BZ; Premises southeast corner Mott avenue and Regina boulevard, Far Rockaway, Queens. Mr. Justice Faber appointed Referee (N. Y. L. J., August 15, 1934). App. Div. reversed appointment of Referee and remitted matter to Special Term for determination on the merits. (N. Y. L. J., May 7, 1935).

Matter of Regina Boulevard Corp'n. (Murdock)—April 17, 1934, Board denied gas station, in business district, under Section 21; Cal. No. 512-31-BZ; Premises southeast corner Mott avenue and Regina boulevard, Far Rockaway, Queens. Mr. Justice Cuff sustained Board, stating: "It would seem that hardship upon the owner exists, but the judicial branch of our government has repeatedly cautioned against trespassing upon the executive branch and held that judges have no right to substitute their judgment for the executive's in the absence of capricious, arbitrary or tyrannical conduct." (N. Y. L. J., October 23, 1935).

Matter of Ginzco Realty Corp'n. (Murdock)—February 15, 1935, an appeal was filed with the Board of Standards and Appeals by adjoining owner from decision of Board of Buildings of December 20, 1934, reaffirmed January 31, 1935, under Board of Buildings calendar No. A-239/34, modifying decision of the Commissioner of Buildings and varying the Multiple Dwelling Law, in re conversion of old-law tenements to lodging house at premises 313-315 Bowery and 5-7 Extra place, Manhattan. The matter appeared on the Board of Standards and Appeals calendar under No. 41-35-A, on March 12, 1935, and was adjourned several times pending disposition of a motion on behalf of owners of premises for an order of prohibition to prevent the Board of Standards and Appeals from hearing appeal. Mr. Justice McCook denied the motion for an order of prohibition in all respects (N. Y. L. J., May 3, 1935).

Lyons v. Murdock—July 2, 1935, Board denied application for revocation of action of Board of Buildings and decision of Department of Buildings approving plans involving interpretation of the Building Code and Multiple Dwelling Law; Cal. No. 41-35-A; Premises 313-315 Bowery and 5-7 Extra place, Manhattan. Mr. Justice Wasservogel sustained Board (N. Y. L. J., December 5, 1935).

Matter of S'ldin (Murdock)—December 18, 1934, Board denied gas station in business district under section 21, Cal. No. 268-34-BZ; Premises N. E. cor. Van Wyck boulevard and 115th avenue, Richmond Hill, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J., May 11, 1935).

Matter of Otnas Realty Inc. (Murdock)—November 27, 1934, Board denied gas station in business district, under section 21, Cal. No. 339-33-BZ; Premises 14-57 29th avenue, N. W. cor. 21st street, Astoria, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J., May 11, 1935).

Matter of Maphi Realty Co., Inc. (Murdock)—April 10, 1934, Board denied motor vehicle repair shop and gas station in business district, under section 21, Cal. No. 364-33-BZ; Premises N. E. cor. Hillside avenue and Chelsea road, Jamaica, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J., May 11, 1935).

Matter of Itner (Murdock)—December 11, 1931, Board denied gas station partly in business and partly in residence district, under Section 21, and denied reopening under sec-

tion 21, on July 3, 1934, Cal. No. 382-31-BZ; Premises 109-04 Northern boulevard, S. E. cor. 109th street, Corona, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J., May 11, 1935).

Matter of Jamaica Savings Bank (Board Standards and Appeals)—November 27, 1934, Board denied gas station in business district, under section 21, Cal. No. 215-34-BZ; Premises S. W. cor. Merrick road and 118th avenue, St. Albans, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J., May 11, 1935).

Matter of Sanders & Doten (Murdock)—October 16, 1934, Board denied gas station in business district, under section 21, Cal. No. 185-34-BZ; Premises N. S. Broadway 51 ft. E. of 36th street, Jackson Heights, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J., May 11, 1935).

Matter of Cohn (Murdock)—February 26, 1935, Board denied gas station in business district, under section 21, Cal. No. 269-34-BZ; Premises N. W. cor. Woodhaven boulevard and 162nd street, Aqueduct, Queens. Mr. Justice Steinbrinck reversed Board (N. Y. L. J., May 11, 1935).

Matter of Jacob Morganthaler—October 30, 1934, Board denied gas station in business district under section 21, Cal. No. 227-34-BZ; Premises S. E. corner Queens boulevard and 51st avenue, Elmhurst, Queens. Mr. Justice Steinbrinck reversed Board to the extent of granting a limited permit along the lines of the St. Albans-Springfield case. (N. Y. L. J., May 16, 1935).

Matter of Jacob Morganthaler—October 30, 1934, Board denied gas station in business district under section 21, Cal. No. 227-34-BZ; Premises, S. E. cor. Queens boulevard and 51st street, Elmhurst. On reargument Mr. Justice Steinbrinck sustained Board citing Arseekay Syndicate v. Murdock. (N. Y. L. J., June 15, 1935).

Matter of Levy res. (Board of Standards and Appeals ap.)—May 31, 1933, Board granted gasoline station partly in unrestricted and partly in business district, under section 21, Cal. No. 93-33-BZ; Premises 246-50 Atlantic avenue, S. W. cor. Boerum place, Brooklyn. Mr. Justice Cuff reversed Board (N. Y. L. J., April 12, 1934). Appellate Division reversed Special Term and sustained Board and held: "There was sufficient evidence before the Board of Standards and Appeals to justify its determination. * * * The Board's action is not limited to cases where witnesses have been heard. Without any witnesses at all it may act of its own knowledge, for * * * it is made up of men with special qualifications of training and experience." * * * The Board of Standards and Appeals had a discretionary duty in the matter and nothing appears in this record from which it may be said that it reached an arbitrary determination." (N. Y. L. J., January 14, 1935). Court of Appeals reversed Appellate Division and affirmed order of Special Term reversing Board, on the ground that the hardship alleged by applicant was common to adjacent properties on same frontage. (N. Y. L. J., May 22, 1935).

Matter of Ward (Murdock)—July 3, 1934, Board denied gas station in business district, under section 21; Cal. No. 118-34-BZ; Premises 1015-1023 Glenmore avenue, N. W. cor. Euclid avenue, Brooklyn. Mr. Justice May reversed Board (N. Y. L. J., May 25, 1935).

Matter of Pallante (Board of Standards and Appeals)—March 14, 1933, Board granted extension of an existing gas station under sections 7-a and 21; Cal. No. 532-32-BZ, Premises S. E. corner Astoria avenue and 31st street, Astoria, Queens. December 12, 1933, Board granted modification to permit rearrangement of use on smaller plot because of the widening of Astoria avenue. June 7, 1934, certiorari was served on the ground that an affected property owner had not received notice by mail of the modification granted December 12, 1933. Motion to vacate certiorari which was not obtained within thirty days of Board's action was denied by Mr. Justice Lockwood (N. Y. L. J., January 2, 1935) on the ground that notice was fraudulently mailed to a former owner and not to present owner of adjoining property. Appellate Division reversed Special Term on the law, citing Ottinger case as to sufficiency of notice to property owners by publication in Bulletin. (N. Y. L. J., June 4, 1935).

Matter of Berman and ano. (Murdock et al.)—December 18, 1934, Board denied request to reopen application, for the purpose of adding a long and very narrow apex to property on which gas station had previously been denied, and rehear as new application for gas station on both parcels taken together, under section 21; Cal. No. 784-27-BZ; Premises 820-830 Empire Boulevard and 793-803 Lefterts avenue, Brooklyn. Mr. Justice Lockwood sustained Board. (N. Y. L. J., June 10, 1935).

Matter of 1758 Coney Island Avenue Realty Co., Inc. (Murdock)—October 23, 1934, Board denied application for gas sta-

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- tion in business district, under section 21 (to be added to existing automobile laundry, greasing and repair shop). Cal. No. 307-33-BZ; Premises, 1758-1766 Coney Island avenue, Brooklyn. Mr. Justice Riegelman sustained Board (N. Y. L. J., June 12, 1935).
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- Walsh v. Board Standards and Appeals—December 11, 1934, Board denied gas station in residence district, under section 21, Cal. No. 238-34-BZ; Premises, 480-492 Hemlock street, N. W. cor. Conduit boulevard, Brooklyn. Mr. Justice Lockwood sustained Board (N. Y. L. J., June 13, 1935).
- * * *
- 1525 Myrtle Avenue Realty Co. v. Murdock—November 28, 1933, Board denied extension of existing gas station from unrestricted to business district under sections 7b and 21; Cal. No. 233-33-BZ; Premises 1517-1543 Myrtle avenue, Brooklyn. Mr. Justice Hallinan dismissed certiorari (N. Y. L. J., December 15, 1934). Appellate Division reversed Board. (N. Y. L. J., June 15, 1935).
- * * *
- Matter of Karron & Lieberman, Inc. (Murdock ap.)—October 23, 1934, Board denied gas station in business district (Board having previously denied similar application for larger plot at same location), Cal. No. 73-34-BZ. Premises 1140-1158 McDonald avenue, Brooklyn. Mr. Justice Dodd reversed the Board (N. Y. L. J., January 14, 1935). Appellate Division affirmed order of Special Term and reversed Board (N. Y. L. J., June 15, 1935).
- * * *
- Feinman v. Murdock—October 30, 1934, Board denied motor vehicle repair shop in business district under section 21, Cal. No. 126-34-BZ; Premises 609 Snediker avenue, Brooklyn. Mr. Justice Lockwood sustained Board (N. Y. L. J., June 17, 1935).
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- Ginsberg v. Murdock—March 12, 1935, Board denied gas station in business district, under section 21, Cal. No. 359-34-BZ, Premises S. E. cor. Kissena boulevard and Cherry avenue, Flushing. Mr. Justice Lockwood sustained Board (N. Y. L. J., June 17, 1935).
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- In re Samuel Rubin & Son, Inc. (Murdock)—February 5, 1935, Board denied application to convert part of basement and 1st story of apartment house to business use, in a residence district, under sections 7c and 21; Cal. No. 116-30-BZ; Premises 1401 Grand Concourse S. W. cor. E. 170th street, Bronx. Mr. Justice McGeehan sustained Board (N. Y. L. J., June 18, 1935).
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- Matter of Cirrito (Board of Standards and Appeals)—May 2, 1933, Board denied gas station in business district, under section 21, Cal. No. 14-33-BZ, Premises S. S. Conduit boulevard, 19 ft. 9 ins. West of Crescent street, Brooklyn. Mr. Justice Smith reversed Board on recommendation of Referee. (N. Y. L. J., November 2, 1934). Appellate Division reversed Special Term and sustained Board and the law and the facts. (N. Y. L. J., June 22, 1935).
- * * *
- Matter of Rubel Corp. v. Murdock—March 27, 1934, Board denied request to reopen application for gas station previously denied, under section 21, in business district, on alleged new facts, or accept new case. Cal. No. 272-30-BZ, premises 923-943 East New York avenue, 440-6 Utica avenue and 872-884 Lefferts avenue, Brooklyn. Mr. Justice Dodd reversed Board on recommendation of Referee. Appellate Division remitted matter to Board for hearing. (N. Y. L. J., July 2, 1935).
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- Matter of Berg (Murdock et al.)—On February 13, 1935, Board denied gasoline station in business district, under section 21; Cal. No. 305-33-BZ; Premises 104-6 4th avenue, Brooklyn. Mr. Justice Smith sustained Board (N. Y. L. J., July 10, 1935).
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- Peo. ex. rel. Meyer v. Murdock—On June 26, 1934, Board denied change of occupancy to motor vehicle repair shop in residence district, under section 21; Cal. No. 26-34-BZ; Premises 601-629 Avenue R, Brooklyn. Mr. Justice Smith sustained Board (N. Y. L. J., July 10, 1935).
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- Peo. ex. rel. Levin v. Murdock—On March 12, 1935, Board denied gas station in business and residence district, F area, under section 21; Cal. No. 317-34-BZ; Premises Grand Central Parkway and Parsons boulevard, Jamaica, Queens. Mr. Justice Steinbrinck sustained Board (N. Y. L. J., July 17, 1935).
- * * *
- Matter of Schneider (Murdock et al.)—February 19, 1935, Board denied gas station, in business district, under section 21; Cal. No. 271-34-BZ; Premises east side of Cooper avenue, 130 feet southwest of 74th street, Glendale, Queens. Mr. Justice Furman sustained Board (N. Y. L. J., July 25, 1935).
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- Matter of Schnepfer (Murdock)—May 8, 1934, Board denied gas station in business district under section 21; Cal. No. 44-34-BZ; Premises 137-02 to 137-10 Linden boulevard, South Ozone Park. Mr. Justice Dodd reversed Board, granted a limited permit, and remitted matter to Board to impose safeguarding conditions. (N. Y. L. J., June 27, 1935).
- * * *
- Pennbrook Realty Co. v. Murdock—February 23, 1934, Board denied gas station in business district under section 21; Cal. No. 321-33-BZ, Premises S. W. corner of Oak and Jamaica avenues, Flushing, Queens. Mr. Justice Faber sustained Board. (N. Y. L. J., July 2, 1935).
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- In re Kings Bay Realty Corp. (Board of Standards and Appeals)—On April 16, 1935, Board denied gas station, partly in a business district and partly in a residence district, under section 21; Cal. No. 296-32-BZ; premises northwest corner Kings Highway and Stillwell avenue, Brooklyn. Mr. Justice Adel sustained Board. (N. Y. L. J., October 29, 1935).
- * * *
- In re Ruth Bond & Mort. Co., Inc. (Murdock)—October 24, 1933, Board denied request to reopen application on smaller area, at same premises where it previously denied gas station, partly in a business and partly in a residence district, under section 21; Cal. No. 177-31-BZ; premises northwest corner Kings Highway and Nostrand avenue, Brooklyn. Mr. Justice Adel sustained Board. (N. Y. L. J., October 29, 1935).
- * * *
- Matter of King (Murdock)—July 3, 1934, Board granted two-year temporary variation for gas station in business district, under section 21, Cal. No. 100-34-BZ; Premises southeast corner Jamaica avenue and 138th place, Jamaica, Queens. July 19, 1935, Board granted modification changing time of temporary variance to five years. Mr. Justice Conway held review limited to last action of Board on July 19, 1935, and that statutory time limit had expired for review of action of July 3, 1934. (N. Y. L. J., October 20, 1935).
- * * *
- In re Carraher (Murdock)—March 12, 1935, Board denied gas station in business district under section 21; Cal. No. 316-34-BZ; Premises 977 McDonald avenue, Brooklyn. Mr. Justice Adel sustained Board, holding that "to permit a gasoline station on the small irregular plot of petitioner, faced as it is on one side with the elevated railway pillars, would undoubtedly tend to create a condition dangerous to the public and deteriorating to surrounding properties." (N. Y. L. J., November 2, 1935).
- * * *
- Peo. ex. rel. Approved Bond & Mort. Co. v. Murdock—March 26, 1935, Board denied gas station in business district under section 21; Cal. No. 4-35-BZ; Premises S. E. corner Rockaway boulevard and 77th street, Woodhaven, Queens. Mr. Justice Smith dismissed certiorari order. (N. Y. L. J., November 27, 1935).
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- Matter of Aiello (Murdock)—May 28, 1935, Board denied motor vehicle repair shop and outdoor garage in business district, under section 21; Cal. No. 56-35-BZ; Premises 13-21 Truxton street, Brooklyn. Mr. Justice Wenzel vacated certiorari order. (N. Y. L. J., December 7, 1935).
- * * *
- Matter of Kaltenbach (Board of Standard and Appeals)—July 9, 1935, Board denied appeal to revoke certificate of occupancy issued by Commissioner of Buildings under section 6 of the building zone resolution; Cal. No. 18-35-A; Premises 900-910 Jamaica avenue and 5-9 Autumn avenue, Brooklyn. Mr. Justice Humphrey sustained Board (N. Y. L. J., December 11, 1935).
- * * *
- Larson v. Murdock—April 30, 1935, Board denied gas station partly in business and partly in residence district, under section 21; Cal. No. 894-28-BZ; Premises 2702-2712 Foster avenue, Brooklyn. Mr. Justice Wenzel sustained Board (N. Y. L. J., December 13, 1935).
- * * *
- A. C. & H. M. Hall Realty Co. v. Murdock—July 2, 1935, Board denied modification of its resolution to permit additional driveway and alteration of part of garage to a gas station, under section 21, in business district; Cal. No. 567-32-BZ; Premises 3320-3328 Broadway, from W. 134th to W. 135th streets, Manhattan. Mr. Justice Miller sustained Board (N. Y. L. J., December 13, 1935).
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- Peo. ex. rel. Novick Holding Corp. v. Murdock—October 9, 1934, Board denied gas station in business district under section 21; Cal. No. 121-34-BZ; Premises north side Northern boulevard, 108.78 ft. west of Cross Island boulevard, Auburndale, Queens. Mr. Justice Steinbrinck reversed Board to the extent of granting a permit limited similarly to the St. Albans-Springfield decision (N. Y. L. J., May 16, 1935). Order of Special Term reversed on the law and the facts and determination of Board reinstated, by Appellate Division (N. Y. L. J., December 14, 1935).

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Matter of Cooperstein (Murdock)—June 27, 1933, Board denied gas station in business district, under section 21; Cal. No. 95-33-BZ; Premises south east corner 198th street and Foch boulevard, Springfield, Queens. Mr. Justice McCooey sustained Board (N. Y. L. J., December 27, 1933). Appellate Division unanimously affirmed order of Special Term sustaining Board (N. Y. L. J., December 14, 1935).

Court Decisions Relevant and of Interest to which the Board of Standards and Appeals was not a Party.

Monument Garage Corp. v. Levy—Court of Appeals made clear that the use of the land to which access is sought through curb cut must be considered in granting such curb cut; that the word "premises" has a broad significance and should apply to every use whether of land or buildings in a "use district"; defined "parking" as connoting transience and "storage" a certain degree of permanency; also decided that parking was lawful in a business use district and unlawful in a residence use district under the Building Zone Resolution (N. Y. L. J., February 27, 1935).

Matter of Baerenklau, res. (Thatcher Commr. & C. Ap.)—Commr. of Buildings placed violation order on oil burner installation approved by the Fire Department, on the ground that, under the McCall bill of 1933, jurisdiction over oil burner installations was vested in the Commissioners of Buildings. Mr. Justice Furman granted a peremptory order of mandamus to remove the violation, stating there is no question but that the Fire Department originally had jurisdiction and he did not believe the legislature intended to allow the Commissioners of Buildings to usurp a function which in its very nature so obviously comes within the jurisdiction of the Fire Commissioner. (N. Y. L. J., November 14, 1934). Appellate Division affirmed peremptory order of mandamus, Presiding Justice Lazansky stating that "where no structural considerations are involved the permit of the Fire Commissioner alone must be obtained." (N. Y. L. J., May 14, 1935).

Matter of Kesbeck, Inc. (Reville)—Commr. of Buildings denied application for building permit for erection and alteration of a building to be used as a "brake service station for testing, adjusting and relining automobile brakes," on the ground that "repair shop for motor vehicle" was prohibited in a business district under Art. II, Section 4, Subdiv. 29, of the Building Zone Resolution. The Court said: "On the facts presented to the Superintendent of Buildings, he was justified in refusing a permit. It may be a reasonable inference that he who tests would also repair the brakes." Peremptory mandamus denied. (N. Y. L. J., Aug. 22, 1935). Mr. Justice Leary.

Empire State Lines v. Levy—It is clear that the property involved in this proceeding is in a restricted area. The recent addition to Article 2 of the Building Zone Resolution (Subdivision 7H) requires that an application be made to the Board of Standards and Appeals for a permit to vary the use district regulations to comply with the demands of the petitioner. The petitioner may not apply to the Court for relief by mandamus until it has exhausted its remedies by an appeal to the Board of Standards and Appeals. Since the enactment of Chapter 764 of the Laws of 1933 exclusive jurisdiction over curb cut permits is vested in the Commissioner of Buildings. Motion for mandamus denied without prejudice. Mr. Justice Hoffstadter. (N. Y. L. J., October 1, 1935).

Picerno v. Langworthy—October 23, 1934, Board denied gas station in business district under section 21; Cal. No. 206-34-BZ, premises southwest corner Jewett avenue and Castleton avenue, Port Richmond, S. I. Appeal from denial of certificate of occupancy for gas station at same location, Cal. No. 201-35-A, on reserve calendar pending disposition of mandamus proceeding to compel issuance of certificate of occupancy and necessary permits. Mr. Justice Dunne denied motion for mandamus. (N. Y. L. J., October 25, 1935).

Friedland v. Thatcher—Prior to amendment of Zoning Resolution on June 28, 1935, relative to parking, the Commissioner of Buildings issued a letter permit to permit parking under certain conditions in a business zone. Upon finding the conditions of the letter permit had been violated, the Commissioner revoked said permit and requested the Commissioner of Public Works to eliminate the curb cut and restore the curb. Thereupon an injunction was sought to restrain the Commissioner from interfering with petitioner's business. Motion for injunction pendente lite denied. Mr. Justice McCooey. (N. Y. L. J., October 30, 1935).

Matter of Averell (Thatcher)—On October 22, 1935, petitioner filed plans for erection of a gasoline station at premises 212-218 Fulton street, Brooklyn, fronting upon plaza recently created constituting an approach to Brooklyn Bridge. On October 4, 1935, the Board of Estimate and Apportionment adopted a resolution fixing November 1, 1935, as the date for public hearing on proposed amendment to Use District Map, Section No. 12, by changing from an unrestricted to a business use district an area which included the property of the petitioner. On October 25, 1935, the Commissioner of Buildings rejected petitioner's application to erect a gas station. The Court held in mandamus proceedings brought to compel issuance of the permit that a mandamus against the Building Commissioner can be brought before the Court only after an appeal has been taken to the Board of Standards and Appeals; also that the Board of Estimate and Apportionment had the right to change the zoning of petitioner's premises after he had filed plans for use of the property which conflicted with the resolution adopted by the Board. Mr. Justice Humphrey (N. Y. L. J., December 24, 1935).

OPINIONS OF CORPORATION COUNSEL

(As previously published in the Bulletin)

The powers of the Board of Buildings as established by Chapter 764 of Laws of 1933 and of the Board of Standards and Appeals.

CITY OF NEW YORK
LAW DEPARTMENT

OFFICE OF THE CORPORATION COUNSEL

New York, February 15, 1934

PAUL WINDELS,
Corporation Counsel.

No. 7 (18)

HON. HARRIS H. MURDOCK,
Chairman, Board of Standards and Appeals.

Sir:

I have your communication of January 2, 1934, reading as follows:

"Chapter 764 of the Laws of 1933, known as the McCall Bill, amended the Greater New York Charter for the purpose of consolidating City Departments having to do with buildings.

Sections 406 and 411 set up a Board of Buildings consisting of the Commissioners of the five Borough Building Departments. Under Section 411, the Board of Buildings have power, where there are practical difficulties in the way of carrying out the strict letter of the law or where an equally good or more desirable form of construction can be employed in any specific case, to grant a variation from the strict letter of the law or the Building Code, providing the spirit of the law shall be observed and public safety secured and substantial justice done.

This section 411 follows quite closely the provisions in former Section 411. The main difference is that formerly the Superintendent of Buildings could make these variances provided the variance was approved by the Borough President. Under the new Section 411, the Superintendent is not given this power, but the power rests with the Board of Buildings.

The Superintendent of Buildings has had power for many years to vary the laws where there are practical difficulties or where an equally good construction is offered. Practical difficulties have always been interpreted to mean practical difficulties as to construction.

When the Governor was urged to approve this bill, he was concerned lest this bill set up an appeal board to do the work for which the Board of Standards and Appeals was established. He was assured that this was not the intent and that the scope of power given to the Board of Buildings as to variance was no greater than the Superintendents of Buildings had enjoyed for many years.

Contrary to the wording and intent of the law and the assurance given to the Governor, the Board of

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Buildings organized and have been granting variances such as heretofore have been granted only by the Board of Standards and Appeals. They have been holding hearings and reviewing their own decisions as to standpipe systems, height of standpipe tanks, fireproof windows and many other protective features, the modifications granted as to which can in no way be interpreted as relief from practical difficulties or the acceptance of equally good construction. The impropriety of an administrative official reviewing his own decisions is of course obvious and it is particularly so when no provision is made for publication of the hearings and the findings. Granting modifications of the various laws in these respects comes under the heading not of practical difficulties but of unnecessary hardship, and the power to make variances where unnecessary hardship is shown lodges not with the Board of Buildings but with the Board of Standards and Appeals under Sections 718 and 719 and their various subdivisions.

The Corporation Counsel has on several occasions written opinions interpreting the McCall Bill. Most of these I have seen, but I have not seen an opinion justifying the procedure that the Board of Buildings have instituted, although such an opinion may have been written. The main purpose of the Board of Buildings was that the Commissioners form a Committee for the purpose of adopting rules and regulations for the conduct of their departments, to the end that procedure and interpretation of the laws should be uniform throughout the city. It was not the intent to give them general appeal power but merely to provide for a continuance of the power to make variation where there are practical difficulties, substituting for the approval of the Borough President, the approval of the Board of Buildings.

The question on which I desire an opinion is whether the powers of the Board of Buildings under Chapter 764 of the Laws of 1933 have been extended beyond the powers that the Superintendents of Buildings had under Section 411, and whether the powers of the Board of Standards and Appeals under Sections 718 and 719 have been limited or abridged by the new act."

The Board of Buildings established by Chapter 764 of the Laws of 1933 is empowered to make rules and regulations to pass upon any question relative to the mode, manner of construction and materials to be used in the erection, alteration or removal of any building or any structure by Section 411 of the Greater New York Charter, as amended by that statute, reading as follows:

"S411. Rules and regulations. The board of buildings shall make rules and regulations to pass upon any question relative to the mode, manner of construction or materials to be used in the erection, alteration or removal of any building or other structure erected or to be erected and to require that such mode, manner of construction or materials shall conform to the true intent and meaning of the provisions of law and ordinances relating and applicable to the construction, alteration or removal of buildings or other structures. The said board shall have power where there are practical difficulties in the way of carrying out the strict letter of the law or where an equally good and more desirable form of construction can be employed in any specific case to grant a variation from the strict letter of the law or the building code provided the spirit of the law shall be observed and public safety secured and substantial justice done. An appeal from the decision of the board may be made by the owner of any building or structure or his duly authorized agent to the Board of Standards and Appeals."

In answer to the inquiry made by you, I have to advise you that it is my opinion that the Board of Buildings, established by Chapter 764 of the Laws of 1933, has not been given powers beyond those devolved upon

the various Superintendents of Buildings under Section 411 of the Greater New York Charter prior to this amendment, and that the powers of the Board of Standards and Appeals under the provisions of Sections 718 and 719 of the Greater New York Charter have not in any manner been limited or abridged in that respect by the new act.

Truly yours,
(Signed) PAUL WINDELS,
Corporation Counsel.

* * *

CITY OF NEW YORK
LAW DEPARTMENT
OFFICE OF THE CORPORATION COUNSEL
New York, September 7, 1934.

PAUL WINDELS,
Corporation Counsel.
HON. JOHN J. McELLIGOTT,
Fire Chief and Commissioner.

Sir:

I have received your communication dated April 16, 1934, which reads as follows:

"After the enactment of the McCall Bill, Chapter 764, Laws of 1933, the former Corporation Counsel, Hon. Arthur J. W. Hilly, rendered an opinion on June 15, 1933, known as 'No. 49012' and reading in part, as follows:

"The Legislature, however, reserved to the Fire Commissioner the powers enumerated in sub. div. 2 of Section 774 of the Greater New York Charter, i.e.,

"To enforce all laws and ordinances and regulations of the Board of Standards and Appeals in respect to the storage, sale, transportation or use of combustibles, chemicals and explosives".

It is my opinion, therefore, that the Legislature did not intend to transfer such of the personnel, records or monies of the Bureau of Fire Prevention necessary to exercise these powers. As there was always an office division in the Bureau of Fire Prevention prior to the enactment of the law, known and designated by the office title of 'Bureau of Combustibles', that part of the personnel of the Bureau of Fire Prevention so known, together with all records, papers, etc., and monies necessary to properly enforce the provisions of sub. div. 2 of S-774 of the Greater New York Charter, are to be retained in your Department. You, therefore, have authority to reorganize this personnel as a bureau of Combustibles and assign to it such portion of the personnel of the Bureau of Fire Prevention as is necessary to properly conduct such Bureau in the enforcement of the provisions of Chapter 10 of the Code of Ordinances, and of SS-24, 25, 26, 27, 28, 29, 30 and 30-a of Chapter 12 of the Code of Ordinances, which read as follows:.....'

On December 8, 1933, the former Corporation Counsel, Hon. Arthur J. W. Hilly, on the same subject matter, in an opinion to the Honorable Samuel Fassler, Commissioner of Buildings, Borough of Manhattan, supplemented his former opinion, referred to above, in part, stating as follows:

"To affect such purpose S-408 of the law transfers to the various commissioners of buildings throughout the city, the personnel of the Bureau of Fire Prevention, except those necessary to carry out the provisions of sub. div. 2, S-774 of the Greater New York Charter.....'

From these opinions it would appear that the Fire Commissioner is charged with and responsible for the enforcement of Chapter 10 of the Code of Ordinances and certain sections of Chapter 12 quoted above.

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However, on June 21, 1933, at a conference wherein it was to be determined the number of employees necessary to enforce the provisions of S-774-2 of the Greater New York Charter, at which the Hon. Samuel Fassler, Commissioner of Buildings, Borough of Manhattan, former Fire Commissioner John J. Dorman, Assistant Chief of Department Patrick Walsh, Inspector of Fire Prevention Thomas A. Larkin, Bureau of Fire Prevention, Hon. Arthur J. W. Hilly, former Corporation Counsel and, apparently, some Assistant Corporation Counsel were present, the former Corporation Counsel ruled, *verbally* that the Building Commissioners should supervise the testing and installation of tanks used for the storage of liquid products of petroleum, including volatile inflammable oils and, that after such tests were made by the Commissioners of Buildings, and after they were found to have been installed in accordance with the laws, the Commissioners of Buildings would then issue a Certificate of Occupancy to the Fire Department, and upon such certificate, the Bureau of Combustibles would then issue a permit for the storage of such oils. This was objected to by Assistant Chief Walsh, in charge of the Bureau of Combustibles at that time.

Regarding the testing of these tanks, I respectfully invite attention to the fact that the testing of gasoline tanks comes under Section 131, Chapter 10 of the Code of Ordinances, reading as follows:

'Sec. 131-13. Tanks. Each tank used for the storage of volatile inflammable oil shall be—

A. Constructed of steel at least $\frac{1}{4}$ inch in thickness, shall have a capacity of not more than 1500 gallons, and shall, under test, stand a hydrostatic pressure of at least 100 pounds to the square inch. (Amended by ordinance effective May 25, 1915).'

Rule 7 of the rules of the Board of Standards and Appeals regarding the installation of fuel oil burners provides that tanks and piping to burner shall be tested hydrostatically or with oil at a pressure of not less than 10 pounds per square inch.....'

Section 131 of Chapter 10 of the Code of Ordinances prohibits the installation of any system for the storage of volatile inflammable oil in any building unless of a type for which a Certificate of Approval shall have been issued by the Fire Commissioner. This not only includes the tanks, but the pumps as well.

It appears to me that the verbal opinion of the former Corporation Counsel is at variance with the written opinions referred to above. Furthermore, as this Department issued the permits for the storage of these oils, it would appear to me that such permits should not be issued in a perfunctory manner but that the Fire Chief and Commissioner should have the power to test these tanks to see that they are reasonably safe, for the storage of such oils.

The storage of volatile and inflammable oils always presents a dangerous potential fire and explosive hazard and the Fire Department is responsible for the extinguishment of fires and protection of life and property in premises where such storage is maintained.

In view of the above it appears but logical that the testing of these containers for volatile and inflammable oils, and inspection of the fire protection and fire extinguishing systems, as required by Chapter 10 of the Code of Ordinances and rules of the Board of Standards and Appeals comes under the provision of Section 774-2 of the Greater New York Charter.

I therefore respectfully request to be advised, in view of the above and the written opinions of the former Corporation Counsel, if the Fire Department should test these tanks and inspect the required fire protection therefor."

It is my opinion that the powers of the Fire Commissioner, enumerated in subdivision 2 of Section 774 of the Greater New York Charter, have not been limited

or modified in any way. Said subdivision of Section 774 reads as follows:

"To enforce all laws and ordinances and regulations of the Board of Standards and Appeals in respect to the storage, sale, transportation or use of combustibles, chemicals and explosives."

I have to advise you further that I disapprove of the verbal ruling of the former Corporation Counsel which you state was made on June 21, 1933, and to which you refer in your communication. There is no basis in law for a distinction between your duties with regard to liquid products of petroleum including volatile inflammable oils and other combustibles, and it would therefore be improper for you to issue any of your permits in a perfunctory manner upon the mere certification by the Commissioner of Buildings. In this respect I desire, specifically, to affirm the opinion of the Corporation Counsel referred to in your communication, and addressed to your predecessor on June 15, 1933.

In answer to the specific question contained in the last paragraph of your communication, I have to advise you that in my opinion the Fire Department should test any containers or tanks for volatile and inflammable oils and should inspect the fire protection and fire extinguishing systems required therefor.

Truly yours,
(Signed) PAUL WINDELS,
Corporation Counsel.

* * *

CITY OF NEW YORK
LAW DEPARTMENT
OFFICE OF THE CORPORATION COUNSEL
New York, September 7, 1934.

PAUL WINDELS,
Corporation Counsel.
(#11104)
HON. JOHN J. McELLIGOTT,
Fire Chief and Commissioner.

Sir:

I am in receipt of your communication dated August 22, 1934, which reads as follows:

"Further to my communication to you dated April 16, 1934, regarding the authority retained by the Fire Department, concerning the testing and inspection of tanks and/or vessels containing inflammable or combustible liquids, which authority is in doubt due to the passage of Chapter 764 of the Laws of 1933 (McCall Act), may I not at this time invite your attention to an item published in the City Record of August 20, 1934 (copy attached), announcing the fact that a public hearing is to be held in room 2000, Municipal Building, Manhattan, on September 17, 1934, for the purpose of amending Fuel Oil Rules.

In inviting your attention to this notice, I am motivated by the thought that this contemplated action by the Board of Buildings is not in accordance with the law, my understanding of which is that it is incumbent upon the Board of Standards and Appeals, acting under authority of Section 718-a of the Greater New York Charter, [to make rules] to put into effect and to carry out the provisions of Chapter 10 of the Code of Ordinances.

Inasmuch as the Board of Standards and Appeals on June 15, 1934, after much research and many public hearings, amended, adopted and published in the Board's official bulletin, 'Rules covering the installation and use of oil burning equipment and the storage of oils in connection therewith,' which, I believe, I am legally bound to comply with, I would ask that you please advise me as to my course of action in the event of the adoption, in toto, of the changes proposed in the published notice of the Board of Buildings contained in the attached copy of the City Record, and particularly those sections thereof indicated as Rule 5 and Rule 6.

CALENDAR

I would very much appreciate a ruling upon this, as well as on the subject matter of my letter to you, dated April 16, 1934, as expeditiously as possible, in view of the hazards to life and property in connection therewith.

I am also forwarding herewith a copy of the official bulletin of the Board of Standards and Appeals of June 19, 1934, which bulletin contains the publication of the amended Fuel Oil Rules."

I have read the proposed rules of the Board of Buildings as published in the City Record of August 20, 1934. After a review of the legal authorities applicable thereto, it is my opinion that Chapter 764 of the Laws of 1933, known as the McCall Bill, has not furnished any sanction for the modification or annulment of any of the rules of the Board of Standards and Appeals by the Board of Buildings. Insofar as the proposed rules of the Board of Buildings purport to supersede the rules of the Board of Standards and Appeals, they are unauthorized by law.

I am sending you a separate communication with respect to your request for advice contained in your letter of April 16, 1934.

Truly yours,
(Signed) PAUL WINDELS,
Corporation Counsel.

* * *

CITY OF NEW YORK
LAW DEPARTMENT
OFFICE OF THE CORPORATION COUNSEL
New York, November 21, 1934.

PAUL WINDELS,
Corporation Counsel.

(13079)

HON. HARRIS H. MURDOCK,
Chairman, Board of Standards and Appeals.

Sir:

I have received your communication dated October 10th, 1934, which reads as follows:

"Under Sections 718 and 719 of the Greater New York Charter, the Board of Standards and Appeals are given certain powers which you advised me in your opinion No. 7 of February 15, 1934, have not been affected, in the following words:

"In answer to the inquiry made by you, I have to advise you that it is my opinion that the Board of Buildings, established under Chapter 764 of the Laws of 1933, has not been given powers beyond those devolved upon the various Superintendents of Buildings under Section 411 of the Greater New York Charter prior to this amendment, and that the powers of the Board of Standards and Appeals under the provisions of Sections 718 and 719 of the Greater New York Charter have not in any manner been limited or abridged in that respect by the new act."

The above opinion was rendered in answer to the question in respect to the powers of the Board of Buildings under Section 411 of Chapter 764 of the Laws of 1933. This inquiry is as to the powers of the Board of Buildings under Section 406. My understanding of Section 406 is that the entire scope of powers of the Board of Buildings as to formulating rules is defined therein, and that the provisions in Section 411 as to rules and regulations are repetitive and not in excess of the powers defined under Section 406.

Under Section 718-A of the Charter, the Board of Standards and Appeals are given power to test materials and also—

"2. To make, amend and repeal rules for carrying into effect the provisions of the laws, ordinances and rules and regulations in respect of any subject or matter, jurisdiction whereof is conferred upon the Board by this act, or upon a Superintendent of Buildings by title two of chapter 9 of this act or

by ordinance or upon the Fire Commissioner by title three of chapter fifteen of this act or by ordinance, and to include in such rules and regulations provisions applying to specific conditions and prescribing means and methods of practice to effectuate such provisions and for carrying into effect the powers of the Board. Such rules and regulations shall take the place of rules and regulations made by a President of the Borough, a Superintendent of Buildings or the Fire Commissioner.

"3. Make, amend and repeal rules and regulations regarding the enforcement of those provisions of the Labor Law and other laws which relate to the construction, alteration, structural changes in, plumbing and drainage of, elevators, fire escapes on, adequacy and means of exit from and fire alarm systems in all buildings, except tenement houses, within the City of New York.

"All rules and regulations made by the Board pursuant to this section, shall take the place of the industrial code and of any rules or regulations of the Labor Department relating to the same subject-matter.

"4. Exercise exclusively with respect to buildings situated in the City of New York, the same powers as are conferred upon the Industrial Commission by chapter seven hundred and nineteen of the laws of nineteen hundred and fifteen."

Further, under Section 718-B, subdivision 2, provision is made that rules theretofore adopted by a Superintendent of Buildings, Fire Commissioner or any other officer shall continue in force 'until amended, repealed or superseded and be enforced as rules and regulations of the Board.'

In my opinion, it was not the intention of the legislature to give the Board of Buildings powers to test materials and make rules and regulations such as is given to the Board of Standards and Appeals under Sections 718 and 719 of the Charter. The rule-making power given to the Board of Buildings is of an entirely different nature and has reference solely to the administrative methods of the Departments of Buildings and to the uniform interpretation and application of all laws, ordinances and rules of the Board of Standards and Appeals

The questions on which I desire an opinion are:

1. Have the powers of the Board of Standards and Appeals under Sections 718 and 719 as to power to make rules and regulations as in those sections set forth, been limited or abridged by Chapter 764 of the Laws of 1933?

2. Has the Board of Buildings under Section 406 and Section 411 of Chapter 764 of the Laws of 1933, power to adopt rules for carrying into effect the provisions of laws and ordinances such as is given exclusively to the Board of Standards and Appeals under Section 718-A of the Charter?

3. Is it obligatory upon a Commissioner of Buildings to enforce rules adopted by the Board of Standards and Appeals?

1. As stated to you in my opinion of February 15, 1934, the power of the Board of Standards and Appeals to make rules and regulations as set forth in Sections 718 and 719 of the Greater New York Charter has not been limited or abridged by Chapter 764 of the Laws of 1933.

2. The Board of Buildings under Section 406 and Section 411 of Chapter 764 of the Laws of 1933 does not have the power to adopt rules for carrying into effect the provisions of laws and ordinances such as is given exclusively to the Board of Standards and Appeals under Section 718-A of the Charter.

3. The Commissioner of Buildings has the power and it is his duty under Chapter 764 of the Laws of 1933 to enforce such rules and regulations of the Board of Standards and Appeals as come within his jurisdiction.

Truly yours,
(Signed) PAUL WINDELS,
Corporation Counsel.

CALENDAR

CITY OF NEW YORK
LAW DEPARTMENT
OFFICE OF THE CORPORATION COUNSEL
New York, November 8, 1935.

PAUL WINDELS,
Corporation Counsel.
(34156)

HON. HARRIS H. MURDOCK,
Chairman, Board of Standards and Appeals.

Sir:

I am in receipt of your communication dated September 25, 1935, which reads as follows:

"I find that disposal of an appeal from the determination of the Bureau of Buildings, dated May 23, 1931, is awaiting a reply to a letter written Hon. Arthur J. W. Hilly, Corporation Counsel, on October 23, 1931. The appeal is from the refusal to grant a permit for the display and sale of more than five automobiles in a business district, and the refusal was based on an opinion dated May 9, 1929, No. 42787-29, advising that such use of a business area is prohibited by Article II, Section 4, Paragraph A15, of the Zoning Resolution.

Is the above opinion still standing or has it been revised? I was not aware that this opinion was outstanding as I have considered that automobiles, new or used, on display for sale and without gasoline in the tanks, were in the nature of merchandise and in a different class from what is meant by 'parking' or 'storage'.

Awaiting your reply."

The opinion dated May 9, 1929, reads as follows:

"Hon. Henry Bruckner,
President, Borough of The Bronx.

Sir: I acknowledge receipt of your communication, dated April 29, 1929, a copy of which follows:

"There has been submitted to me an application to cut curb in front of premises 1162 to 1172 River avenue, The Bronx, for the purpose of ingress and egress to a plot of land approximately 100 x 115 feet, on which the applicant proposes to conduct what is known as a used car sales business, which will permit the storing at one and the same time of from one hundred and fifty to two hundred cars.

It occurs to me that under the amendment to the Zoning Resolution, adopted by the Board of Estimate and Apportionment on March 1, 1928, which prohibits the 'Storage of more than five motor vehicles or garage for more than five motor vehicles,' etc., I may be prohibited from granting this permit.

As there is great urgency in this matter I would respectfully ask that you expedite your opinion.

Awaiting your advice, I remain."

Article II, Section 4, Paragraph (a) Subdivision (15), Zone Resolution, as amended March 1, 1928, reads as follows:

'(15) Storage of more than five motor vehicles or garage for more than five motor vehicles including garage units on contiguous lots for a less number which in the aggregate accommodate more than five motor vehicles in the same ownership, management or control, and not including a salesroom where motor vehicles are kept for sale or display purposes only. This provision shall in no way interfere with the carrying out of plans approved prior to the date of the passage of this resolution.'

In my view the amendment of the Zone Resolution above quoted prohibits the use of the premises in question for the sale of used cars when more than five motor vehicles are stored thereon.

Truly yours,
ARTHUR J. W. HILLY,
Corporation Counsel."

The records of this office do not disclose any reply to the letter dated October 23, 1931. I am in accord, however, with the opinion of the Corporation Counsel dated May 9th, 1929.

Although automobiles on display for sale are in the nature of merchandise, the placing of more than five such automobiles on vacant land in business districts is prohibited by Section 4-a, subdivision 15 of the Building Zone Resolution unless the Board of Standards and Appeals permits such use under Section 7-h of said Resolution.

Truly yours,
(Signed) PAUL WINDELS,
Corporation Counsel.

* * *

CITY OF NEW YORK
LAW DEPARTMENT
OFFICE OF THE CORPORATION COUNSEL
New York, July 26, 1935.

PAUL WINDELS,
Corporation Counsel.
(30418)

HON. JOHN J. McELLIGOTT,
Fire Chief and Commissioner.

Sir:

I have received a communication from Francis X. Giaccone, Deputy Fire Commissioner, dated July 1, 1935, which reads as follows:

"Will you please let me have your legal opinion concerning the following query, in order that the Board of Hazardous Trades of the Fire Department and the Fire Chief and Commissioner, may be guided accordingly?

"A set of specifications have been compiled and submitted for adoption for liquefiers used to convert solid carbon dioxide to a liquid and/or gas in accordance with the provisions of Article 17, of Chapter 10, of the Code of Ordinances. These specifications are being submitted to the Board of Hazardous Trades of the Fire Department for their action and approval. The Board acts in an advisory capacity to the Fire Chief and Commissioner.

"Pending the consideration of this matter before a meeting of the Board, we have had occasion to refer to Section 718-A, Subdivision 2, of the Greater New York Charter. This section provides for the powers of the Board of Standards and Appeals. Said Subdivision 2, after conferring power upon said Board of Standards and Appeals to make, amend, etc., rules and regulations, definitely states that such rules and regulations shall take the place of rules and regulations made by a Borough President, a Superintendent of Buildings and the Fire Commissioner.

"We construe this section to mean that the power of making rules and regulations, and of specifically approving specifications, such as are being submitted to our Board at the present time, is entirely within the province of the Board of Standards and Appeals, and is beyond the power of the Board of Hazardous Trades to act upon and to make any recommendations about to the Fire Chief and Commissioner, in the first instance. We feel that this matter should be referred to the Board of Standards and Appeals for their action and approval.

Pending the receipt of your opinion, we are holding this matter in abeyance. Your early advice will be greatly appreciated."

The power to make rules and regulations and prescribe specifications concerning liquefiers used to convert solid carbon dioxide to a liquid and/or gas is vested in the Board of Standards and Appeals under Section 718-A of the Greater New York Charter. There is nothing to prevent the submission of specifications by the Board of Hazardous Trades to the Fire Commissioner, who may then transmit the same to the Board of Standards and Appeals for such action as it deems fit.

Yours truly,
(Signed) PAUL WINDELS,
Corporation Counsel.

CALENDAR

CALL OF CLERK'S CALENDAR

MONDAY, DECEMBER 30, 1935, AT 2 P. M.

Building Zone Case

440-22-BZ.

APPLICANT—James J. Malone, for 571 West 182nd Street Corporation, owner.

PREMISES—571-573 West 182nd street, north side, 60 ft. east of St. Nicholas avenue (Block No. 2154, Lot No. 65), Borough of Manhattan.

APPLICATION, under sections 7b, 7c and 21 of the building zone resolution (reopened December 3, 1935).

TO PERMIT partly in a business district and partly in a residence district the alteration and change of occupancy of a building occupied as a post office to stores (the post office use having been previously granted by the board).

CALL OF CLERK'S CALENDAR

MONDAY, JANUARY 6, 1936, AT 2 P. M.

Building Zone Cases.

504-18-BZ.

APPLICANT—Donald R. Baldwin, for The Stanton Co., owner.

PREMISES—138-140 East 25th street, south side, 94 ft. east of Lexington avenue (Block No. 880, Lot Nos. 61 and 62), Borough of Manhattan.

APPLICATION, under sections 7a, 7c, 7e and 21 of the building zone resolution (reopened November 6, 1935).

TO PERMIT in a business district the alteration and change of occupancy of an existing building to a garage for more than five (5) motor vehicles and also the omission of the required rear yard.

1-27-BZ.

APPLICANT—Edwin H. Snackenbergh, for Intershire Investors, Inc., owner.

PREMISES—1124 Gun Hill road, south side, from Yates avenue to Boston road (Block No. 4615, Lot No. 36), Borough of The Bronx.

APPLICATION, under section 21 of the building zone resolution (reopened September 17, 1935).

TO PERMIT in a business district the alteration and also the permanent use of a gasoline service station previously granted by the board under section 7-F for a temporary period which expired March 15, 1935.

319-35-BZ.

APPLICANT—Joseph V. O'Leary, for Annie Herzfeld and Lillian Klinghoffer, owners.

PREMISES—8919-8923 Church avenue, northwest corner of Remsen avenue (Block No. 4686, Lot No. 6), Borough of Brooklyn.

APPLICATION, under section 21 of the building zone resolution.

TO PERMIT in a business district the erection and maintenance of a gasoline service station.

JANUARY 7, 1936, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 7, 1936, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 251-35-BZ—Application, September 20, 1935, under sections 7c and 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Margaroff Realty Corp., lessee (long term lease), to permit partly in a residence district and partly in a business district the erection and maintenance of a business building (stores), premises 2119 Caton avenue, north side, 91 ft. west of Flatbush avenue (Block No. 5063, Lot No. 69), Borough of Brooklyn.

CAL. NO. 280-31-BZ—Application of Edward L. Kelly, applicant, on behalf of Jasper Mülle, owner, reopened December 3, 1935, for consideration of an amendment to the resolution of November 12, 1931, as to the conditions imposed therein—re Application, granted under section 7f of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station for a temporary period; premises 162-02 to 162-06 Cross Bay boulevard, southwest corner of 162nd street (Block No. 4046, Lot No. 5), Howard Beach, Borough of Queens.

CAL. NO. 235-35-BZ—Application, September 6, 1935, under sections 7a and 21 of the building zone resolution, of Leon J. Levine, applicant, on behalf of Victoria B. Cohen, owner, to permit in a business district the change of occupancy of part of an existing gasoline service station to a motor vehicle repair shop; premises 158-07 Rockaway boulevard, southeast corner of Conover street (Block No. 4481, Lot No. 69), Jamaica, Borough of Queens.

CAL. NO. 252-35-BZ—Application, September 22, 1935, under section 21 of the building zone resolution of Samuels and Samuels, applicants, substituted for Edward Flander on behalf of Carmelo Bernardo and Carmela Bernardo, owners, to permit in a business district the erection and maintenance of a gasoline service station; premises 104-06 Astoria boulevard, southeast corner of 104th street (Block No. 1691, Lot No. 1), Corona, Borough of Queens.

CAL. NO. 301-35-BZ—Application, October 30, 1935, under sections 7c and 21 of the building zone resolution of Elias K. Herzog, applicant, on behalf of Frances Foster, owner, to permit partly in a business district and partly in a residence district the erection and maintenance of a business building (stores), premises 932 Simpson street, east side, 83.80 ft. south of East 163rd street (Block No. 2723, Lot No. 37), Borough of The Bronx.

CAL. NO. 309-35-BZ—Application, November 2, 1935, under section 21 of the building zone resolution of Hillside Parking Corp., applicant, on behalf of Nathan Straus, owner, to permit in a residence district,

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the use of a plot of ground as a parking space for the storage of more than five (5) motor vehicles; premises northwest corner of Wilson avenue and East 214th street (Block No. 4709, Lot No. 1), Borough of The Bronx.

CAL. NO. 1016-27-BZ—Application of Arthur B. Daub, applicant, on behalf of Carber Holding Co., Inc., owner, reopened June 11, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Walker boulevard and Outerbridge avenue (Block No. 5, Lot N), Tottenville, Borough of Richmond.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 7, 1936, 2 P. M.

Variations of Labor Law

268-35-S—1482 Broadway and 156-158 West 43rd street, southeast corner (Block No. 995, Lot No. 57), Borough of Manhattan.

347-35-S—3901 14th avenue, southeast corner of 39th street (Block No. 5346, Lot No. 5), Borough of Brooklyn.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 7, 1936, at 2 o'clock, in Room 1013, Municipal Building,* on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 390-19-BZ—Application of Frank Zyderveld, applicant, on behalf of Madeline T. Flannery, owner, reopened December 3, 1935, for consideration of an amendment to the resolution of October 30, 1934, as to the conditions imposed therein—re Application, granted on certain conditions permitting the extension of the store use now in existence in a garage building previously granted by the Board; premises 6902-6912 Fourth avenue, southwest corner of Bay Ridge avenue (Block No. 5872, Lot No. 42), Borough of Brooklyn.

CAL. NO. 853-25-BZ—Application of Boochever, McManus and Ostrow, applicants, on behalf of Esbrook Realty Co., Inc., owner, reopened December 3, 1935, for consideration of an amendment to the resolution of December 1, 1925, as to the conditions imposed therein—re Application, granted under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a building to be used as stores on the first story of the Fourth avenue front and as dwellings above; premises 8501-8511 Fourth avenue, southwest corner of 85th street (Block No. 6035, Lot No. 6), Borough of Brooklyn.

CAL. NO. 272-30-BZ—Application of Jacob A. Freedman, applicant, on behalf of Rubel Corporation, owner, reopened October 1, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (remitted by order of the Court for hearing); premises 440-446 Utica avenue and 923-943 East New York avenue, northwest corner and 872-884 Lefferts avenue (Block No. 1430, Lot No. 34), Borough of Brooklyn.

CAL. NO. 130-35-BZ—Application, May 23, 1935, under sections 7a and 21 of the building zone resolution, of Edwin H. Snackenber, applicant, on behalf of New York Rapid Transit Corporation, owner, to permit in a business district the extension of an existing gasoline service station and also the erection and maintenance of a motor vehicle repair shop; premises 402-10 64th street and 64-01 to 64-19 Fourth avenue, southeast corner (Block No. 5818, part of Lot No. 1), Borough of Brooklyn.

CAL. NO. 282-35-BZ—Application, October 15, 1935, under section 21 of the building zone resolution, of William B. Linder, applicant, on behalf of Violet Kramer, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 1159-1167 Utica avenue and 5002-5010 Clarendon road, southeast corner (Block No. 4771, Lot Nos. 1 and 78), Borough of Brooklyn.

CAL. NO. 287-35-BZ—Application, October 18, 1935, under section 21 of the building zone resolution, of William E. Kennedy, applicant, on behalf of Abraham A. Goldstein, owner, to permit in a business district the erection and maintenance of a gasoline service station; premises southeast corner of Parsons boulevard and 84th road (Block No. 864, Lot No. 261), Jamaica, Borough of Queens.

CAL. NO. 1109-27-BZ—Application of Michael Levine, applicant, on behalf of Ft. Greene Associates, Inc., owner, reopened September 17, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station; premises 106-21 Woodhaven boulevard (Cross Bay boulevard), east side, 365.61 ft. north of 108th avenue (Block No. 430, part of Lot No. 45), Woodhaven, Borough of Queens.

CAL. NO. 26-32-BZ—Application of Louis Schlefer, applicant, on behalf of Minnie Streit, owner, reopened September 10, 1935, under section 21 of the building zone resolution, for rehearing by Order of the Court, to permit in a business district the erection and maintenance of a gasoline service station; premises 1551-1555 Coney Island avenue, east

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side, 100 ft. south of Avenue L (Block No. 6731, Lot No. 90), Borough of Brooklyn.

CAL. NO. 654-27-BZ—Application of Wagner, Quillinan & Rifkind, applicants, on behalf of Henry Pape, owner, reopened July 16, 1935, under sections 7e and 21 of the building zone resolution, to permit the amendment of a resolution granting in a business district the change of occupancy of an existing building to a garage for the storage of more than five (5) motor vehicles of the pleasure-car type, so as to include motor vehicles of the commercial-car type; premises 622-632 Foster avenue, southwest corner of East 7th street (Block No. 6494, Lot No. 8), Borough of Brooklyn.

CAL. NO. 240-35-BZ—Application, September 11, 1935, under section 21 of the building zone resolution, of Samuel Rosenblum, applicant, on behalf of Bawnfawn Holding Corp., owner, to permit in a business district the erection and maintenance of a gasoline service station; premises 88-15 Queens boulevard and 89-05 56th avenue, northwest corner (Block No. 1844, Lot No. 3), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman*.

JANUARY 14, 1936, 10 A. M.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 14, 1936, at 10 o'clock, in Room 1013, Municipal Building, on the following matters:*

CAL. NO. 324-35-BZ—Application, November 12, 1935, under section 21 of the building zone resolution of James F. Hunter, applicant, on behalf of Standard Gas Light Co., owner, to permit the extension from a business district into a residence district of an existing business building; premises 35-39 West 124th street, north side, 390 ft. west of Fifth avenue and 32-42 West 125th street (Block No. 1722, Lot Nos. 20, 20½, 21, 51, 53 and 54), Borough of Manhattan.

CAL. NO. 311-33-BZ—Application of Lama and Proskauer, applicants, on behalf of Churchway Holding Corp., owner, reopened June 4, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 5709-5717 Church avenue, northwest corner of Kings Highway (Block No. 4683, part of Lot Nos. 36½ and 42), Borough of Brooklyn.

CAL. NO. 22-29-BZ—Application of Samuels and Samuels,

applicants, on behalf of Adeline Zagarino, owner, reopened and restored to Calendar October 22, 1935, under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station (previously withdrawn); premises 97-28 Van Wyck boulevard, northwest corner of 101st avenue (Block No. 520, Lot No. 30), Dunton, Borough of Queens.

CAL. NO. 307-35-BZ—Application, November 1, 1935, under section 7c of the building zone resolution, of Benjamin Schlanger, applicant, on behalf of Crenshaw Holding Corp., owner, to permit partly in a business district and partly in a residence district, the alteration, extension and change of occupancy of a building now occupied for stores, so as to include a motion picture theatre; premises 1955 University avenue, west side, 233.44 ft. south of West 179th street (Block No. 3216, Lot No. 70), Borough of The Bronx.

CAL. NO. 306-35-BZ—Application, November 1, 1935, under sections 7e and 21 of the building zone resolution, of Irving M. Fenichel, applicant, on behalf of Bonomo Realty Corporation, owner, to permit in a business district the change of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 2847-2863 West 8th street, east side, 125 ft. 8¾ in. south of Sheepshead Bay road (Block No. 7279, Lot Nos. 163 and 169), Borough of Brooklyn.

CAL. NO. 314-35-BZ—Application, November 7, 1935, under section 7h of the building zone resolution, of Harry Yahr, applicant and lessee, on behalf of Shelton Holding Corporation, owner, to permit for a period of not more than two (2) years in a retail district the use of a vacant plot of ground as a parking space for the storage of more than five (5) motor vehicles; premises 15-23 West 43rd street, north side, 225 ft. west of Fifth avenue (Block No. 1259, Lot Nos. 25, 28 and 28½), Borough of Manhattan.

HARRIS H. MURDOCK, *Chairman*.

JANUARY 14, 1936, 2 P. M.

Appeals from Administrative Orders

344-34-A—548 Cassanova street (Block No. 2768D, Lot No. 193), Borough of The Bronx.

328-33-A—4299 Boston road, west side, 283.31 ft. south of City Line (Block No. 5655, Lot No. 313), Borough of The Bronx.

330-35-A—12-12 43rd avenue, southwest corner of 13th street (Block No. 443, Lot No. 15), Long Island City, Borough of Queens.

337-35-A—1739-1751 Hart place, south side, 287 ft. 7¾ in. west of Cropsey avenue (Block No. 6994, Lot Nos. 20 and 27), Borough of Brooklyn.

CALENDAR

340-35-A—623-629 West 23rd street and 140-154 13th avenue, northeast corner (Block No. 669, Lot No. 1), Borough of Manhattan.

Building Zone Applications

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 14, 1936*, at 2 o'clock, in Room 1013, Municipal Building, on the following matters, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 499-31-BZ—Application of Austin W. Magee, applicant, on behalf of Ernest Reiss, owner, reopened April 30, 1935, under section 7f of the building zone resolution, to permit in a business district the maintenance of a gasoline service station for a temporary period of two (2) years (previously granted by the board for a temporary period); premises 262-18 Hillside avenue (formerly 262-10), southwest corner of 263rd street (Block No. 4528, Lot Nos. 31, 32 and 33), Floral Park, Borough of Queens.

CAL. NO. 42-32-BZ—Application of Samuel L. Schwartz, applicant and owner, reopened December 10, 1935, under section 21 of the building zone resolution for consideration as to extension of permit—re Application, granted under section 7f of the building zone resolution, permitting in a residence district the erection and maintenance of a gasoline service station for a temporary period; premises 2263-2273 Linden boulevard, northwest corner of Elton street (Block No. 4336, Lot No. 21), Borough of Brooklyn.

CAL. NO. 273-35-BZ—Application October 7, 1935, under sections 7a, 7c and 21 of the building zone resolution, of Walter B. Woodruff, applicant, on behalf of John T. Woodruff & Son, owner, to permit in a business district the erection and maintenance of a gasoline service station; **premises 33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.**

CAL. NO. 254-35-BZ—Application of Scacchetti & Siegel, applicants, on behalf of Winter Mead and R. Hawley Truax, as Trustees of Owner, reopened December 20, 1935, under sections 7a and 21 of the building zone resolution, to permit in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles and stores, so as to create a gasoline service station from a portion of the existing garage and stores, a portion of the garage having been previously granted by the board; premises 300-318 Cathedral parkway, 486-489 Central Park West and 1-11 West 109th street (Block No. 1845, Lot No. 36), Borough of Manhattan.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 21, 1936, 10 A. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday morning, January 21, 1936*, at 10 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 294-35-BZ—Application, October 24, 1935, under section 21 of the building zone resolution, of Burke and Olsen, applicants, on behalf of Mary A. Kenney, owner, to permit in a business district the alteration, extension and conversion of occupancy of an existing building to a garage for more than five (5) motor vehicles; premises 349-351 Columbia street, east side, 100 ft. north of Coles street (Block No. 510, part of Lot No. 5), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 21, 1936, 2 P. M.

Appeals from Administrative Orders.

283-35-A—Transportation of Fuel Oil in Trucks in New York City.

305-35-A—Transportation of Fuel Oil in Trucks in New York City.

317-35-A—Transportation of Fuel Oil in Trucks in New York City.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 21, 1936*, at 2 o'clock, in Room 1013, Municipal Building, on the following matter:

CAL. NO. 294-27-BZ—Application of Larry Meltzer, applicant, on behalf of Kurland Service Stations, Inc., lessee (long term lease), reopened December 20, 1935, for consideration of an amendment to the resolution of March 26, 1935—re Application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station; premises 951-959 Lenox road, north side, from East 57th street to Remsen avenue (Block No. 4644, Lot No. 1), Borough of Brooklyn.

HARRIS H. MURDOCK, *Chairman.*

JANUARY 28, 1936, 2 P. M.

Building Zone Application

NOTICE IS HEREBY GIVEN by the Board of Standards and Appeals of a public hearing under the provisions of the building zone resolution, *Tuesday afternoon, January 28, 1936*, at 2 o'clock, in Room 1013, Municipal Building, on the following matter, excepting cases which have been heard and on which decision has been reserved without further argument, pending an inspection and a report with recommendation by the committee of the board:

CAL. NO. 246-35-BZ—Application, September 17, 1935, under

CALENDAR

section 21 of the building zone resolution of Lama and Proskauer, applicants, on behalf of Elinor D. Manson and Nora M. Reich, owners, to permit in a business district the erection and maintenance of a gasoline service station;

premises 62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

HARRIS H. MURDOCK, *Chairman.*

MINUTES

BOARD OF STANDARDS AND APPEALS

SPECIAL MEETING

FRIDAY, DECEMBER 20, 1935, 10 A. M.

Present: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney.

BUILDING ZONE CASES

246-35-BZ.

APPLICANT—Lama and Proskauer, for Elinor D. Manson and Nora M. Reich, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under section 21 of the building zone resolution, to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—62-01 to 62-05 Broadway, northeast corner of 62nd street (Poe place); (Block No. 1189, Lot No. 93), Woodside, Borough of Queens.

APPEARANCES—

For Applicant: Alfred A. Lama.

For Opposition: None.

ACTION OF BOARD—Laid over to January 28, 1936, at 2 p. m., for further consideration by board.

273-35-BZ.

APPLICANT—Walter B. Woodruff, for John T. Woodruff & Sons, owners.

SUBJECT—Application (re decision of the commissioner of buildings) under sections 7a, 7c and 21 of the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—33-30 to 33-44 57th street and 56-15 Broadway, northwest corner (Block No. 1180, part of Lot No. 35), Woodside, Borough of Queens.

APPEARANCES—

For Applicant: Walter B. Woodruff.

For Opposition: None.

ACTION OF BOARD—Laid over to January 14, 1936, at 2 p. m., for further consideration.

294-27-BZ.

APPLICANT—Larry Meltzer, for Kurland Service Stations, Inc., lessee (long term lease).

SUBJECT—Application for reopening—amendment (decision of the commissioner of buildings) re Application, granted under section 21 of the building zone resolution, permitting in a business district the erection and maintenance of a gasoline service station.

PREMISES AFFECTED—951-959 Lenox road, north side, from East 57th street to Remsen avenue (Block No. 4644, Lot No. 1), Borough of Brooklyn.

APPEARANCES—

For Applicant: Larry Meltzer.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing January 21, 1936, at 2 p. m., applicant to notify property owners within the area affected by regular mail not later than January 11, 1936.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

254-35-BZ.

APPLICANT—Scacchetti & Siegel for Winter Mead and R. Hawley Truax as Trustees of Owner.

SUBJECT—Application for reopening—consideration under new facts—Application (re decision of the commissioner of buildings) under sections 7a and 21 of the building zone resolution, to permit in a business district the alteration of an existing building now occupied as a storage garage for more than five (5) motor vehicles and stores, so as to create a gasoline service station from a portion of the existing garage and stores (stores being eliminated) a portion of the garage having been previously granted by the board.

PREMISES AFFECTED—300-318 Cathedral parkway, 486-489 Central Park West and 1-11 West 109th street (Block No. 1845, Lot No. 36), Borough of Manhattan.

APPEARANCES—

For Applicant: Max Siegel.

ACTION OF BOARD—Application reopened, calendar call waived and set for hearing January 14, 1936, at 2 p. m., applicant to notify property owners within the area affected by regular mail not later than January 2, 1936.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

626-32-BZ.

APPLICANT—Philip Bardes, for United States Trucking Corp., owner.

SUBJECT—Application reopened November 26, 1935, under new proposition—re (decision of the commissioner of buildings) under sections 7-B and 21 of the building zone resolution, to permit the extension from an unrestricted district into a business district of a proposed motor vehicle repair shop.

PREMISES AFFECTED—368-380 Front street, north side, 114 ft. west of Jackson street (Block No. 243, Lot Nos. 70 to 76), Borough of Manhattan.

APPEARANCES—

For Applicant: Philip Bardes and Thomas E. Shea.

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For Opposition: Louis A. Stone and James A. Donegan.

ACTION OF BOARD—Application granted on condition.
THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(626-32-BZ)

WHEREAS, Philip Bardes, for the United States Trucking Corp., filed December 27, 1932, an application under the Building Zone Resolution to permit the extensions from an unrestricted use district into a business use district of a proposed garage for more than 5 motor vehicles; premises 368-380 Front street, north side, 114 ft. west of Jackson street, (Block No. 243, Lot Nos. 70 to 76), Borough of Manhattan; and

WHEREAS, this application was dismissed for lack of jurisdiction February 28, 1933, due to presence of a hospital on this street between the intersecting streets; and

WHEREAS, the applicant requested a reopening of this case to permit the extension from an unrestricted district into a business use district of a proposed motor vehicle repair shop and this case was reopened by vote of the board, November 26, 1935, there being no prohibition against a motor vehicle repair shop on the same street with a hospital or school; and

WHEREAS, a public hearing was held on this application by the Board of Standards and Appeals, at its regular meeting, December 17, 1935, after due notice by publication in the Bulletin of the Board of Standards and Appeals; and

WHEREAS, the use district maps accompanying the building zone resolution show that Front street is in an unrestricted and business district; Jackson street is in an unrestricted district and Water street is in an unrestricted and business district; and

WHEREAS, the decision of the Commissioner of Buildings, rendered November 8, 1935, re N. B. Applic. No. 29-1933, reads:

9. An automobile repair shop located in an unrestricted district and extending into a business district is unlawful. Article 2, Section 4 sub. division 29 zone resolution."

and

WHEREAS, the building is to be of non-fireproof construction, one story in height, with a frontage of 119 ft. 4 in. and a depth of 70 ft. to be occupied as a motor vehicle repair shop; a portion of the proposed building extending into the unrestricted use district for a distance of 50 ft.; and

WHEREAS, the board deemed that the applicant had substantiated his basis of appeal under section 7-B and 21.

Resolved, that the Board of Standards and Appeals does hereby *make a variation* under sections 7-B and 21, in the application of the use district regulations of the building zone resolution, and that the application be and it hereby is *granted on condition* that the roof shall be constructed fireproof, or if constructed with wood beams, the ceiling shall be fire retarded throughout in accordance with the Rules of the Board of Standards and Appeals; that there shall be a transverse wall, constructed northerly and southerly for the full height of building at a point 25 ft. easterly from the line dividing the business area from the unrestricted area; that the automobile repair work shall be carried on exclusively in the area to the west of this wall; that the space to the east of this wall shall be used exclusively for the storage of materials and wash rooms, locker rooms and similar uses, excluding all automobile repairing and factory work; that any skylights erected in this storage portion of the building shall be not nearer than 15 ft. from the easterly lot line wall; that the door for the entrance of motor vehicles to the repairing section

shall be toward the westerly end thereof; that there may be a doorway to the easterly portion of the premises not more than 5 ft. in width; that one doorway may be installed in the transverse wall not exceeding 5 ft. in width with a fireproof, self-closing door; that there shall be no openings in the walls of this building along the westerly or easterly lot lines; that window openings on northerly lot line shall be of steel frames and sash and self-closing and shall be glazed with wire glass; that no gasoline shall be stored on the premises other than that in the tanks of the cars being repaired; that the premises at no time shall be used for garage purposes; and that all work shall be completed within one year from the date of this action.

524-31-BZ.

APPLICANT—J. Nelson Cooper, for President and Fellows of Harvard College, owner.

SUBJECT—Application for reopening—extension of time—re Application (decision of the commissioner of buildings) under section 21 of the building zone resolution, permitting in a residence district the erection and maintenance of a business building for retail store purposes.

PREMISES AFFECTED—2332-2340 Grand Concourse and boulevard, 2331-2345 Ryer avenue and 244 Field place (Block No. 3159, Lot Nos. 13, 14, 15, 19 and 23), Borough of The Bronx.

APPEARANCES—

For Applicant: J. Nelson Cooper.

ACTION OF BOARD—Application reopened and time extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE VOTE TO EXTEND TIME—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief	
Kidney	4
Negative	0
Absent	0

THE RESOLUTION—

(524-31-BZ)

WHEREAS, this application affecting premises 2332-2340 Grand Concourse and boulevard, 2331-2345 Ryer avenue and 244 Field place (Block No. 3159, Lot Nos. 13, 14, 15, 19 and 23), Borough of The Bronx, was granted by the board, January 26, 1932, on certain conditions, time extended from time to time and applicant requests a further extension of time.

Resolved, that the Board of Standards and Appeals does hereby *amend* resolution adopted by the board on January 26, 1932, only so far as it has reference to the completion of work, so that as amended that portion of the resolution shall read:

" . . . that all work shall be completed within one year from the date of this amended resolution *on condition* that other than as amended herein the resolution adopted by the board on January 26, 1932, shall be complied with in all respects."

285-31-BZ.

APPLICANT—John Potts for Constantinos Demetrookas, owner.

SUBJECT—Application for reopening—extension of permit—Application (re decision of the superintendent of buildings) under section 7f of the building zone resolution to permit in a business district the erection and maintenance of a gasoline service station.

MINUTES

PREMISES AFFECTED—Northwest corner of Jamaica Bay boulevard and Nolins avenue (165th avenue) (Block No. 4153, Lot No. 146), Borough of Queens.

APPEARANCES—

For Applicant: Louis Gallucci.

ACTION OF BOARD—Application reopened and permit extended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE—RESOLUTION AMENDED AND PERMIT EXTENDED—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(285-31-BZ)

WHEREAS, this application, affecting premises northwest corner of Jamaica Bay boulevard and Nolins avenue (165th avenue), (Block Nos. 4153, Lot No. 146), Borough of Queens, was granted by the board December 15, 1931, for a temporary period, on certain conditions, and owner requests an extension of this temporary period.

Resolved, that the resolution adopted by the board on December 15, 1931, be amended, only so far as it has reference to the period for the temporary permit, so that as amended that clause of the resolution will read: "granted for a temporary period of two (2) years from December 15, 1935, under section 7 subdiv. F, on condition that other than as amended herein all requirements of the resolution adopted December 15, 1931, shall be complied with in all respects."

APPEALS FROM ADMINISTRATIVE ORDERS

283-35-A.

APPELLANT—Caldo Fuel Oil Co., Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: Aubrey Bain.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to January 21, 1936, at 2 p. m., for further consideration.

305-35-A.

APPELLANT—Empire Petroleum & Transport Co., Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to January 21, 1936, at 2 p. m., for further consideration.

317-35-A.

APPELLANT—John A. Wells, Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: George Light.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to January 21, 1936, at 2 p. m., for further consideration.

330-35-A.

APPELLANT—Eastern Greyhound Lines, Inc., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—12-12 43rd avenue, southwest corner of 13th street (Block No. 443, Lot No. 15), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: Bernard Sobol and Rollan F. Dressler.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to January 14, 1936, at 2 p. m., for decision without further argument.

337-35-A.

APPELLANT—Otto J. Sambach, for Great Eastern Coal Co., Inc., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—1739-1751 Hart place, south side, 287 ft. 7¾ in. west of Cropsey avenue (Block No. 6993, Lot No. 20 and Block No. 6994, Lot No. 27), Borough of Brooklyn.

APPEARANCES—

For Appellant: None.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to January 14, 1936, at 2 p. m., on written request of appellant.

340-35-A.

APPELLANT—Minogue & Palmer, for Chelsea-Moore Corp., owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—623-629 West 23rd street and 140-154 13th avenue, northeast corner (Block No. 669, Lot No. 1), Borough of Manhattan.

APPEARANCES—

For Appellant: William J. Minogue.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Laid over to January 14, 1936, at 2 p. m., to obtain records from Building Department.

346-35-A.

APPELLANT—D. Everett Waid, for One Lexington Avenue, Inc., owner.

SUBJECT—Appeal from an order of the tenement house commissioner.

PREMISES AFFECTED—1 Lexington avenue, 123-125 East 21st street and 49-50 Gramercy Park (Block No. 877, Lot No. 22), Borough of Manhattan.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Appeal withdrawn on written request of applicant.

THE VOTE TO WITHDRAW—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

MINUTES

31-A.

APPELLANT—Ferdinand Savignano for Angelo Provenzano, Inc., owner.

SUBJECT—Request for reopening—amendment—re Appeal from a decision of the superintendent of buildings.

PREMISES AFFECTED—1526-1536 62nd street and 1523-1537 63rd street (Block No. 5530, Lot No. 18 and part of Lot No. 1), Borough of Brooklyn.

APPEARANCES—

For Appellant: None.

ACTION OF BOARD—Request to reopen dismissed for lack of prosecution.

THE VOTE TO DISMISS REQUEST TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

32-35-A.

APPELLANT—Jacob Racich, owner.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—10-15 to 10-17 43rd avenue, northwest corner of 11th street (Block No. 460, Lot No. 1), Long Island City, Borough of Queens.

APPEARANCES—

For Appellant: Herbert E. Martin.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(332-35-A)

WHEREAS, Jacob Racich, owner, filed November 19, 1935, an appeal from an order of the Fire Commissioner, affecting premises 10-15 to 10-17 43rd avenue, N. W. cor. 11th street (Block No. 460, Lot No. 1), Long Island City, Borough of Queens; and

WHEREAS, the order of the Fire Commissioner, dated October 19, 1935, re. Order No. 66953-LC, reads:

"Remove all lubricating oil from the premises and discontinue the further storage and mixing of lubricating oil on said premises for the reason that the storage and mixing of lubricating oil (a petroleum product) in a building which is also occupied as a paint factory creates a dangerous condition and is a violation of subdiv. B and E of Section 201 Chap. 10, Code of Ordinance, New York.

and

WHEREAS, the building is non-fireproof, one clere story and small mezzanine in height, 45 ft. by 90 ft. in area; OCCUPIED for the manufacture of Artist's colors, and the blending of lubricating oil, 3 persons; located within an unrestricted district; and

WHEREAS, the applicant claims the building was erected in 1923, certificate of occupancy No. 52524 issued December 6, 1935 permitting a factory use; the building has been used since erection for the manufacture of Artist's colors in heavy paste form, not hazardous as compared with paints or enamels; not more than three 5-gallon cans of linseed oil is stored on the premises at any time; in January of 1935 a portion of the floor area at the street corner was partitioned off with sheetrock and heavy wire mesh on 2 by 4 studding, the space enclosed is used as an office, also for the mixing and blending of lubricating oil; the light and heavy oils before blending are stored in two tanks of 1500 and 3800 gallons capacities, the oil is

pumped from these tanks to a 100 gallon agitator kettle which is heated by steam; after blending, the oil is pumped into 150 gallon drums; the flash point of the light oil is 420 degrees F., that of the heavy oil is 550 degrees F.; not more than 4,800 gallons of lubricating oil is stored on the premises at any time; the building is provided with adequate exists and there are no conditions of a dangerous nature existing on the premises; the applicant proposes to replace the heavy wire mesh partition with hollow tile blocks if in the opinion of the board it is necessary; furthermore, the applicant contends that under the present conditions it would cause quite a loss and great hardship if compelled to vacate the premises.

Resolved, that the order of the Fire Commissioner, No. 66953-LC be and it hereby is *modified* and that the appeal be and it hereby is *granted* so long as the plant is continued as described in this appeal *on condition* that the amount of lubricating oil at no time shall exceed five thousand (5,000) gallons; that no volatile and inflammable oils shall be stored on the premises; that the building shall not be increased in height or area and that such additional portable auxiliary fire-fighting appliances shall be installed as the Commissioner shall direct.

333-35-A.

APPELLANT—Gulf Refining Company, owner.

SUBJECT—Appeal from a decision of the fire commissioner.

PREMISES AFFECTED—Transportation of Fuel Oil in Trucks in New York City.

APPEARANCES—

For Appellant: Frank A. Epps.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(333-35-A)

WHEREAS, Gulf Refining Company, owner, filed November 21, 1935, an appeal from a decision of the Fire Commissioner, affecting Transportation of Fuel Oil in Trucks in New York City; and

WHEREAS, the decision of the Fire Commissioner, rendered October 22, 1935, reads:

"In reply to your request for permission to use tank truck trailers for the transportation of petroleum products through the Borough of Richmond, please be advised that the regulations governing the transportation of such products prohibit the use of full trailers. It is therefore regretted that this request must be denied."

and

WHEREAS, the premises consists of a large plot, located at the south side of Goethals Bridge Plaza, Borough of Richmond, where the Gulf Refining Company operates a refinery and terminal for petroleum products, within an unrestricted district; and

WHEREAS, the company proposes to operate one tank truck, Serial No. 178640, 27 ft. in length, 4-compartment tank, gross capacity 2,150 gallons, and full trailer Serial No. 12445, 25 ft. 1 in. in length, 5-compartment tank, gross capacity 2,850 gallons, for the transportation of petroleum products from the company's plant to Goethal's Bridge (a distance of about 1,600 ft. through Washington avenue, Borough of Richmond, New York City, thence over the Goethal's Bridge to the State of New Jersey; the entire surrounding area is almost open country and traffic is light, the proposed transportation is for interstate commerce only, no deliveries will be made in any part of

MINUTES

New York City; the proposed tank truck and full trailer equipment is acceptable for use in the State of New Jersey and to the Port of New York Authority having jurisdiction over Bridge traffic; furthermore, such equipment has been safely operated by this company and many others throughout the United States.

Resolved, that the decision of the Fire Commissioner be and it hereby is *modified*, and the appeal be and it hereby is *granted*, waiving the requirements of Section 6.1 of the specifications of the Fire Commissioner for platform trucks, affecting the tank truck and trailer covered by this appeal—Truck Serial No. 178640 and trailer—Serial No. 12445, and permitting this truck and trailer to be used in New York City from the plant of the owner in Staten Island to Goethal's Bridge, *on condition* that this truck and a trailer shall be used only for delivery of oil outside of New York City, and that the truck shall be plainly marked with the company numbers No. 61004 and the trailer with company number No. 90004 for departmental identification; that the route travelled shall only be the necessary, quickest available route; and that this modification shall apply only so long as this particular truck and trailer are in operation.

334-35-A.

APPELLANT—Sears Roebuck & Co., lessee.

SUBJECT—Appeal from an order of the fire commissioner.

PREMISES AFFECTED—2400-2420 Bedford avenue and 2307 Beverly road, northwest corner (Block No. 5134, Lot No. 4), Borough of Brooklyn.

APPEARANCES—

For Appellant: Henry Osterholz.

For Administration: Inspector Meyer of Fire Department.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum.....	3
Negative: Assistant Chief Kidney.....	1
Absent	0

THE RESOLUTION—

(334-35-A)

WHEREAS, Sears Roebuck & Co., applicant and lessee, filed November 22, 1935, an appeal from an order of the fire commissioner, affecting premises 2400-2420 Bedford avenue and 2307 Beverly road, northwest corner (Block No. 5134, Lot No. 4), Borough of Brooklyn; and

WHEREAS, the order of the fire commissioner, dated January 7, 1935, re (Order No. 65697-LC), reads:

"With reference to application dated November 15, 1934, for a permit to store and sell ammunition (cartridges and shells) at premises 2400 to 2420 Bedford avenue, Brooklyn, I regret to state that I am without power to grant such a permit for the following reason:

"1. Subdivision 4B of Section 81, Chapter 10, Code of Ordinances, New York, provides that no permit for the storage and sale of ammunition in excess of 200 small arms cartridges shall be issued for any premises which are used in a drug store, paint store, power shop or stationery store. Subdivision 4E of Section 81, Chapter 10, Code of Ordinances, New York, also provides that no permit shall be issued for the storage and sale of ammunition in excess of 200 small arms cartridges for any premises where other materials of a highly inflammable nature (dry goods, etc.) are stored or kept for sale.

"2. You are therefore ordered to reduce the stock of ammunition stored on the premises to a quantity not greater than 200 small arms cartridges."

and

WHEREAS, the building is fireproof, basement and 3 stories in height, 150 ft. by 100 ft. in area; OCCUPIED:

as a retail department store, not more than 65 persons per story; located within a business district; and

WHEREAS, the applicant claims the maximum amount of ammunition stored on the premises at any time will be 100,000 loaded shotgun shells not exceeding No. 8 gauge, to be stored and offered for sale in the basement where indicated on plans filed with this appeal, all such ammunition will be kept 50 ft. from the location where motor oil in cans are stored, and more than 100 ft. from the location where paints are stored; the ammunition and paints are kept within metal-lined and metal cabinets; all tables and fixtures in basement are of steel; there is no open flame on the premises; no liquors, cigars or tobacco are sold in the basement; furthermore, the applicant contends that the ordinance was meant to apply to a store used specifically for the sale of paints, whereas, the premises in question is used for the sale of general merchandise.

Resolved, that the order of the fire commissioner No. 65697-LC be and it hereby is *modified*, and the appeal be and it hereby is *granted*, permitting the storage of the following rounds of small-arms ammunition:

20,000—	12 gauge
15,000—	16 "
5,000—	20 "
5,000—	10 "
55,000—	22-calibre

on condition that other than 1,000 rounds of this stock of ammunition shall be stored in the extreme northeast corner of basement in cabinets satisfactory to fire commissioner with a sprinkler head installed therein; that not over 1,000 rounds may be stored in the original boxes in show cases at the location against the northerly wall indicated on plans filed with this appeal—this area, approximately, 15 ft. by 15 ft., to be enclosed with metal show cabinets not less than 3 ft. in height; that no other combustible or inflammable material shall be permitted within 50 ft. from where this ammunition is stored or on display; that the sprinkler system shall be maintained in proper working condition in accordance with the requirements of the Sprinkler Rules; that this quantity of material shall be stored only during the periods from September 1st to December 1st and from February 1st to July 1st, and that during other periods of the year the total quantity stored shall not exceed 25 per cent of the above quantities; that this permit shall continue only so long as the conditions outlined are maintained and the amount of ammunition is not increased beyond the quantity permitted.

APPLIANCES SUBMITTED FOR APPROVAL

343-35-SA.

APPLICANT—Fred F. Lewis, for Pacific Automatic Heating Co., owner.

SUBJECT—Pacific Oil Burner, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application placed on Reserve Calendar and referred to the engineer of the board.

47-35-SA.

APPLICANT—David Kaufman for Ace Engineering Co., owner.

SUBJECT—Ace Rotary Oil Burner—approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application dismissed for lack of prosecution.

THE VOTE TO DISMISS—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney	4
Negative	0
Absent	0

MINUTES

THE RESOLUTION—

(47-35-SA)

WHEREAS, this application was filed with the Board of Standards and Appeals, by David Kaufman, for Ace Engineering Co., owner, for the approval of their device known as the Ace Rotary Oil Burner; and

WHEREAS, the applicant has failed to provide a location where this appliance could be tested, though duly notified to do so.

Resolved, that this application be and it hereby is *dismissed* for lack of prosecution.

177-35-SA.

APPLICANT—Stanley G. Flagg & Co., Inc., owner.

SUBJECT—Flagg Fill Pipe Terminal, approval of.

APPEARANCES—

For Applicant: William G. Feick.

ACTION OF BOARD—Appliance approved in accordance with report of engineer of board.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(345-35-SA)

WHEREAS, Stanley G. Flagg & Co., Inc., owner, filed December 2, 1935, an application with the Board of Standards and Appeals for approval of their device known as the "Flagg" fill pipe terminal for fuel oil; and

WHEREAS, this device was inspected and tested by the engineer of the board and report of the engineer recommended the approval of the device under certain conditions.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the "Flagg" fill pipe terminal for fuel oil, *on condition*, that this device shall be installed in accordance with the oil burner rules of the Board of Standards and Appeals and shall comply with the following requirements:

The fill pipe terminal shall be constructed of cast or malleable iron with the entire body and seal cap surface including threads coated with an extra heavy coating of cadmium plating or the body may be coated with cadmium plating or galvanized and the seal cap may be of brass or bronze.

The fill pipe terminal shall be provided with at least three (3) lugs on the outside, so that the fill pipe terminal can be imbedded in concrete or masonry to prevent the terminal from being loosened from the fill line or in lieu thereof the fill pipe terminal shall be fastened to the fill line by means of an Allen or similar set screw.

The outer flange of fill pipe terminal shall be provided with letters no less than 1/2 inch in height and raised 1/16 inch reading "Fuel Oil" and with the calendar number under which the fill pipe terminal was submitted for approval in smaller letters.

The fill pipe terminal shall have not less than ten machine-cut threads on the nipple end and not less than seven on the seal-cap.

An oil-proof gasket shall be provided, inserted in a groove in the nipple end of the fill pipe terminal, so that it cannot readily be removed, in order to render the fill pipe terminal vapor proof at all times when not in use.

A screen of mesh with 1/8 in. openings may be provided to safeguard against entry of foreign matter into the fill pipe.

177-35-SA.

APPLICANT—J. A. Flynn for Todd Combustion Equipment, Inc., owner.

SUBJECT—Todd Mechanical Oil Burner Type Hex-Press—Approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application approved in accordance with report of engineer of Board and Bureau of Combustibles of Fire Department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(177-35-SA)

WHEREAS, J. A. Flynn, for Todd Construction Equipment, Inc., owner, filed June 27, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Todd Mechanical Oil Burner, Type Hex-Press; and

WHEREAS, this device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

An air register of the cylindrical all-around air emission type has been built around the burner nozzle and being equipped with curvilinear surfaces, the air is emitted round the oil spray practically entirely in front of the diffuser. The object of this design is to provide means for causing air to enter the register in a whirling flow to be directed in spiral formation, rearwardly into the furnace without the creation of abrupt directional changes. This mechanical burner is manually operated.

As a result of this inspection and test, it is recommended that the Todd mechanical oil burner "Hex-Press" type be approved for commercial and industrial use when installed in accordance with oil burner rules adopted by the Board of Standards and Appeals on July 12, 1935, for fuel oil not heavier than No. 6.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Todd Mechanical Oil Burner "Hex-Press" type for commercial and industrial use, when installed in accordance with the Oil Burner Rules of the Board of Standards and Appeals and when used with fuel oil not heavier than No. 6, *on condition* that the device will bear a label permanently affixed, reading as follows:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 177-35-SA.

179-35-SA.

APPLICANT—Preferred Utilities Company for Lonergan Mfg. Co., owner.

SUBJECT—Lonergan Automatic Hot Water Heater, approval of.

APPEARANCES—

For Applicant: None.

ACTION OF BOARD—Application approved in accordance with report of engineer of Board and Bureau of Combustibles of Fire Department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

MINUTES

THE RESOLUTION—

(179-35-SA)

WHEREAS, Preferred Utilities Company, agent for Lonergan Manufacturing Company, owner, filed June 27, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Lonergan Automatic Hot Water Heater; and

WHEREAS, this device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

This heater consists of a burner and controls and a hot water boiler.

The fire pot of the burner is made of sheet steel No. 18 U.S. gauge. Over the pot there is a flame plate made of 3/16 cast iron. The bottom of the tank is dished so that all of the oil may be fed to the burner. The oil coming from the tank passes through a purerator oil filter and then to a float and needle valve control manufactured by the Automatic Products Company. This float valve maintains a constant level in the vaporizing pot. The oil supply comes from a 6-gal. tank. Between the tank and the shell of the burner unit a shield has been provided to prevent excess heat of the oil in the tank. A thermostatic control has been provided on the constant level valve so that the burner operates on either a high or low flame depending upon the temperature of the water stored in the hot water tank.

This burner was tested under actual working conditions and it was found that the controls functioned as designed.

In recommending this hot water heater unit for approval it is suggested that certain requirements be carried out in their installation and incorporated in their instruction cards, and that this approval be not final until a copy of said instruction card has been filed with the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Lonergan Automatic Hot Water Heater for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. Floor beneath oil burner device shall be protected by a shield of at least 1/2 inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
2. The device shall bear a label permanently attached thereto reading as follows:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 179-35-SA.

3. The hot water unit shall be connected to a legal chimney and smoke pipe shall be equipped with an automatic draft adjuster.
4. The manufacturer or installer of this burner, shall within 48 hours after each installation, notify the fire department in writing of the name of the person to whom this burner was sold and the address of the premises where installed.
5. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

207-35-SA.

APPLICANT—Cole's Hot Blast Mfg. Company, owner,
Loring Lane Company, agent.

SUBJECT—Cole Hot Blast Oil Burning Stove, Model No. 912, approval of.

APPEARANCES—

For Applicant: W. McDevitt.

ACTION OF BOARD—Application approved in accordance with report of engineer of Board and Bureau of Combustibles of Fire Department.

THE VOTE TO APPROVE—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief Kidney

Negative

Absent

4

0

0

THE RESOLUTION—

(207-35-SA)

WHEREAS, Loring Lane Co., agent for Cole's Hot Blast Mfg. Co., owner, filed July 31, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Cole Hot Blast Oil Burning Stove, Model No. 912; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The heater is equipped with a burner consisting of four parts, a cast iron bottom, a one-piece steel vaporizing shell, an inner cast iron baffle, and a special alloy heat resisting burner top. The oil is supplied to the burner by means of a 3-gallon tank located at the rear. Between the tank and the outer shell of the burner, a metal baffle has been provided to give complete air circulation and to prevent excess heating of oil in the supply tank. Extra heavy copper tubing is used for making all oil connections. The flow of the oil is governed by means of a "V" slot metering valve. The Model No. 912 was connected to a flue and the smoke pipe was equipped with an automatic draft regulator. This was the only model set-up for tests. The Model No. 915 was not set-up for test and we therefore cannot recommend that same be approved until such time as arrangements are made for the necessary tests.

In recommending this Model No. 912 for approval, it is suggested that certain requirements be carried out in its installation and incorporated upon its instruction card and that this approval be not final until a copy of said instruction be filed by the Board of Standards and Appeals.

Resolved, that the Board of Standards and Appeals does hereby *approve* the devices known as the Cole Hot Blast Oil Burning Stove, Model 922, for use in domestic and commercial installations, when installed in accordance with the provisions of the Oil Burner Rules of the Board of Standards and Appeals and with the following additional requirements:

1. Floor beneath oil burner device shall be protected by a shield of at least 1/2 inch asbestos or other equivalent material, this shield to extend at least 12 inches beyond the outline of the stove or range in which the device is installed.
2. The device shall bear a label permanently attached thereto reading as follows:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 207-35-SA.

3. The hot water unit shall be connected to a legal chimney and smoke pipe shall be equipped with an automatic draft adjuster.
4. The manufacturer or installer of this burner shall within 48 hours after each installation, notify the fire department in writing of the name of the per-

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son to whom this burner was sold and the address of the premises where installed.

5. The fuel oil used in this device shall be range oil or No. 1 fuel oil.

178-35-SA.

APPLICANT—David Kaufman, for The Gould Oil Burner Company, owner.

SUBJECT—Application for Reopening—Amendment to include additional names for the Gould Automatic Oil Burner, to wit: Associated Oil Burner and the Fine-Glo Oil Burner.

APPEARANCES—

For Applicant: David Kaufman.

ACTION OF BOARD—Application reopened and amended.

THE VOTE TO REOPEN—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE VOTE TO AMEND—

Affirmative: Chairman Murdock, Commissioners Savage and Blum and Assistant Chief

Kidney 4

Negative 0

Absent 0

THE RESOLUTION—

(178-35-SA)

WHEREAS, David Kaufman, for The Gould Oil Burner Company, owner, filed June 25, 1935, an application with the Board of Standards and Appeals, for approval of the device known as the Gould Automatic Oil Burner; and

WHEREAS, the device was submitted to the engineer of the board and the bureau of combustibles of the fire department for test and report; and

WHEREAS, the report of the engineer of the board and of the representatives of the bureau of combustibles, approved by the acting deputy chief of department in charge of bureau of combustibles, was substantially as follows:

The oil burner was installed in a steam boiler used for heating purposes. The burner is of the mechanical draft pressure atomizing gun type, and consists of the following parts:

Century 1/12 H. P. motor; Torrington fan; Viking pump; Detroit Lubricator Strainer and Pressure regulating and relief valve and Monarch nozzle.

Ignition—Electric. Webster transformer 110 to 10,000 volts.

Controls—Minneapolis—Moneywell Protectorelay R-117-3; Minneapolis-Honeywell Pressuretrol L-404.

With a cold combustion chamber, and the oil supply shut off, the burner and controls were operated and on two successive tests, shut the burner down in 93 and 95 seconds, respectively. The burner was then put into normal operation for a period of approximately 40 minutes, and the controls tested under actual working conditions. At no time during the test were there any puff backs due to faulty ignition. Examination of the combustion chamber showed no undue carbon deposits and the flame was clear and free of soot.

As a result of this inspection and test, it is recommended that the Gould Automatic Oil Burner be approved for domestic, commercial and industrial use when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals on June 15, 1934, with fuel oil not heavier than No. 3;

and

WHEREAS, this device was approved by the board at its meeting July 16, 1935, on certain conditions, and applicant requested permission to market this device under additional names as the Associated Oil Burner and the Fine-Glo Oil Burner.

Resolved, that the Board of Standards and Appeals does hereby *approve* the device known as the Gould Automatic Oil Burner, when installed in accordance with the Oil Burner Rules adopted by the Board of Standards and Appeals, and when used with fuel oil not heavier than No. 3 for domestic, commercial and industrial use, *on condition* that there shall be permanently attached to each burner installed a label reading:

NOTICE

Approved by the

BOARD OF STANDARDS AND APPEALS

For Use in New York City

UNDER CAL. No. 178-35-SA.

Resolved further, that this burner may also be marketed under the name of Associated Oil Burner and Fine-Glo Oil Burner, *on condition* that under whatever name herein permitted the burner is marketed, each burner installed shall bear the required label worded as indicated.

Adjourned, 1:25 p. m.

EDWARD V. BARTON, Chief Clerk.

SPECIAL NOTICE

There is now on display in one of the rooms in this Board a set of seven maps of the City of New York, covering the real property inventory report, prepared by

the Mayor's Committee on City Planning. If interested, these maps may be seen any week day and up to 12 o'clock on Saturdays.

FORMS FOR NOTICES TO PROPERTY OWNERS

Applicants, under the building zone resolution, are entitled to one copy of Form 7NO.

If they desire additional copies, for their own convenience in notifying property owners, they may obtain such

copies at the office of the Board of Standards and Appeals, Room 1018, Municipal Building, Manhattan, at three cents each—postage to be added if the forms are forwarded by mail.

MULTIPLE DWELLING LAW ON SALE

Copies of the Multiple Dwelling Law are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 50c; by mail 54c.

Copies of the Supplemental Rules and Regulations of the Tenement House Department on Fire Retarding, Fire Escapes, Fire Stairs and Fire Towers are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 10c; by mail 12c.

RULES

Published at request of the Fire Chief and Commissioner

FIRE DEPARTMENT, CITY OF NEW YORK

Specifications for tank trucks transporting volatile inflammable oils were approved by the Fire Commissioner on May 20th, 1933. The following specifications contain all corrections as required by certain amendments made to the Code of Ordinances on July 18th, 1935 pertaining to the transportation or delivery of petroleum products in tank trucks.

SPECIFICATIONS FOR TANK TRUCKS

(GASOLINE, BENZINE, BENZOLE, ETC.)

To be used in the transportation or delivery for the storage, sale or use within the City of any petroleum or shale oil, or the liquid products of either, or coal tar which will emit an inflammable vapor at a temperature below 100° F. when tested in a Tagliabue open cup tester in accordance with the provisions of Sections 113-114, Article 8, Chapter 10 of the Code of Ordinances, effective July 18th, 1935.

PERMIT

- Sec. 1.1... No person, firm or corporation shall transport or deliver for sale, storage, or use within the City any petroleum or shale oil or the liquid products of either or coal tar which will emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester except in a tank truck for which a permit has been granted by the Fire Chief and Commissioner. (Sec. 113, Art. 8, Chap. 10.)
- 1.2... A permit is required for each tank truck for the transportation or delivery for storage, sale or use within the City of any petroleum or shale oil or the liquid products of either or coal tar which will emit an inflammable vapor below 100° F. when tested in a Tagliabue open cup tester. (Sec. 113, Art. 8, Chap. 10.)
- 1.3... Application for a permit shall be made on forms prescribed by the Fire Chief and Commissioner and shall contain such information as he shall require. (Sec. 20, Art. 8, Chap. 10.)
- 1.4... Unless otherwise provided every permit for a tank truck and the renewal thereof shall be for a period determined by the Fire Chief and Commissioner but in no case to exceed one year. (Sec. 26, Art. 2, Chap. 10.)
- 1.5... The permit is revocable and not transferable and in the case of a change of ownership of the truck, the new owner shall obtain a new permit. Fee \$10.00 for each truck. (Sec. 43, Art. 3, Chap. 10.)
- 1.6... The metal permit plate furnished by the Fire Department at the same time the Fire Department permit is issued must be securely fastened to the exterior of the cab on the left side of the tank truck and be so displayed during the life of the permit. (Sec. 114, Art. 8, Chap. 10.)
- 1.7... The Fire Department Inspection Card furnished at same time the Fire Department Permit is issued must be carried at all times in the cab of the truck in a card holder. (Sec. 114, Art. 8, Chap. 10.)
- 1.8... No person shall sell or deliver any volatile inflammable oil in quantities exceeding one gallon into any tank truck which has not been granted a permit by the Fire Chief and Commissioner for the transportation or delivery of said volatile inflammable oil. (Sec. 114, Art. 8, Chap. 10.)
- 1.9... Each vendor of volatile inflammable oil shall render to the Fire Commissioner on or before the tenth of each month, a statement verified

as to its correctness by an affidavit showing the total quantity of volatile inflammable oil in excess of 5 gallons delivered to each purchaser in the city during the preceding month: provided, however, that no report shall be required of volatile oil delivered directly to the fuel tanks of motor vehicles, motorcycles, motor tricycles, motor boats, airships, aeroplanes and other similar craft and vessels. (Sec. 114, Art. 8, Chap. 10.)

- Sec. 1.10... Complete specifications of the truck with detail construction drawings showing plan and elevation of the tank, also carrying capacity of the chassis shall be filed. This section will not apply to existing equipment. (Sec. 114, Article 8, Chapter 10.)

CERTIFICATE OF FITNESS

- Sec. 2.1... Each tank truck for which a permit is required shall be in charge of a person holding a certificate of fitness issued by the Fire Chief and Commissioner, whose duty it will be to see that all safety devices are in place and in proper working order; that truck is properly grounded when filling or discharging and that all pipe connections and fill cap covers are oil tight and shall produce on the demand of any representative of the Fire or Police Department his certificate of fitness, the Fire Department permit and the inspection card for that particular tank truck he is in charge of. (Sec. 114, Art. 8, Chap. 10.)
- 2.2... Applicants for a Certificate of Fitness must
- (A) be at least 21 years old;
 - (B) have a reasonable understanding of the English language and be able to answer satisfactorily such questions as may be asked upon his examination;
 - (C) Produce such evidence of his character, habits and past employment as may be satisfactory to the Fire Chief and Commissioner;
 - (D) Pass an examination by a person or body designated by the Fire Chief and Commissioner upon the law and ordinance regulations governing the transportation, storage and use of the article relating to or connected with the service to be performed by him upon the risks incident to his employment and upon his knowledge of the precautions necessary to be taken in connection therewith.
 - (E) Each application for such certificate shall be accompanied with two unmounted photographs of the applicant taken in ordinary working clothes not less than 2 by 3 inches; one of which shall be attached to the application, the other to the Certificate of Fitness.
 - (F) Examination for renewals of certificates of fitness may be waived in the discretion of the Fire Chief and Commissioner. (Sec. 21, Art. 2, Chap. 10.)
- 2.3... Unless otherwise provided every certificate of fitness and the renewal thereof shall be for a period determined by the Fire Chief and Commissioner but in no case to exceed one year, is revocable and not transferable. Fee Originals \$5.00—Renewals \$2.00. (Sec. 42, Art. 3, Chap. 10.)

METHODS OF DISCHARGE

- Sec. 3.1... The volatile liquid may be discharged either by means of syphon or by pumping. Dis-

RULES

charge by the standard gravity method will not be permitted.

- Sec. 3.2... Not more than one compartment shall be discharged at any one time.
- 3.3... The mechanism controlling discharge and the discharge outlet from the tank shall be at the rear and shall be housed in a control box integral with the tank body.
Discharge by "SYPHON" shall be as follows:
- 3.4... A common header of not less than 2 inches in diameter shall be housed within the tank; shall be welded into the partitions and rear head of the tank and shall be free from threaded joint.
- 3.5... The outlet from the tank compartments into such discharge header shall be controlled by hydraulically or mechanically operated valves situated at the outlet proper of each compartment. Such compartment outlet valves shall be operated selectively from the control box and such control shall not permit the opening of more than one compartment at a time. Such valves shall be capable in emergency of being closed manually both from the driver's seat and from the control box. No valve shall be capable of being opened from the driver's cab.
- 3.6... There shall be a single delivery outlet in which shall be placed a self-closing valve or a valve closing automatically when subjected to a temperature of 165 degrees Fahrenheit; such valve to operate in conjunction with an additional valve installed in such a delivery assembly and opening against the flow of liquid and so placed that it will close automatically if a break occurs in the delivery assembly.
- 3.7... There shall be a syphon breaker in the discharge line; said breaker to be open at all times, except when compartment is discharging, and to be operated and controlled in conjunction with the compartment outlet valves. The syphon breaker shall be housed within the tank.
- 3.8... The syphon action shall be established by a hand operated pump of approved design.
- 3.9... On the syphon type discharge tanks constructed previous to May 20th, 1933 the provisions that "the motor ignition system shall be so arranged that the motor cannot be started except by use of an ignition switch located within the drivers cab" and the mechanism located in the control box at the rear of the truck shall be inaccessible while the propelling motor of the truck is in operation. Provision shall be made to require "the stopping of the motor before the control box door can be opened and to require the closing of the control box door before starting the motor" is waived.
Discharge by "PUMP" shall be as follows:
- 3.10... A common header of not less than 2 inches in diameter shall be located at the top of the tank; secured by welding and shall be free from threaded joints.
- 3.11... A riser pipe shall be provided in each compartment with inlet near the bottom. A self-closing hydraulically operated valve shall be located between the riser pipe and the single delivery pipe
- 3.12... The pump shall be of the positive displacement and suction type, hydraulically operated.

Sec. 3.13... The pump shall be located inside the tank body.

- 3.14... The pump shall be operated by means of a motor unit pump. Both discharge pump and motor unit pump shall contain no external moving parts or stuffing boxes. Pump rotors shall not be in contact with each other or the pump housing.
- 3.15... The motor unit pump shall be operated by means of lubricating oil under pressure from a circulating pump having power takeoff and oil storage near the engine or the cab.
- 3.16... The oil circulating pump shall be controlled by a hand clutch. The hand clutch shall be arranged to move to the off position should the tank truck be moved
- 3.17... The lubricating oil pumped from the oil circulating pump shall pass through a selector valve control, which shall be located in the control box, and such oil shall be returned to its source without movement of either the inside compartment valve or the motor-unit-pump until such time as the selector valve is opened. The inside compartment valve shall be opened and the motor-unit-pump started simultaneously.
- 3.18... Oil circulating and return lines between the cab and the tank body shall be of the high pressure armored-hose with suitable fittings.
- 3.19... The lubricating oil circulating pump shall be independent of the engine oil circulating system.
- 3.20... The outlet valve from each compartment shall be operated selectively and only from the control box by means of the oil hydraulic selector control.
- 3.21... The hydraulic selector control shall also be arranged to close the inside valves by the closing of the control box door, also by the releasing of the oil pressure by the melting of a suitable fusible device at not more than 165° F.
- 3.22... An automatic by-pass or pressure relief shall be an integral part of the gasoline discharge pump, and shall be set and sealed to prevent a discharge pressure in excess of five pounds per square inch.
- 3.23... A small self-closing whistle valve shall be provided at the top of hose in the control box for admitting air into the hose for drainage purposes
- 3.24... On each tank a grounded hose having bronze fittings shall at all times be connected to the single delivery outlet and shall be arranged to form a good grounding contact between the tank body and an underground storage system.

TANK CAPACITY

- Sec. 4.1... The total capacity of the tank shall not exceed 1,920 gallons of volatile inflammable oils.
- 4.2... The tank shall be divided into one or more independent compartments, no one of which shall exceed in capacity 320 gallons.
- 4.3... Each compartment shall be provided with at least two and one-half per cent additional space for expansion.
- 4.4... Each compartment shall be provided with a sealed indicator or guide for filling.
- 4.5... The total capacity of the wing-tanks or mounting tanks (when used instead of running boards) shall not exceed 300 gallons of lubricating oils.

RULES

TANK CONSTRUCTION

- Sec. 5.1...** Each tank shall be an all-metal welded rigid structure, elliptical in cross section and construction of not less than 3/16 inch selected steel throughout.
- 5.2...** All seams shall be welded, both inside and outside, and shall be of the full fillet weld.
- 5.3...** Wrapper sheets shall not be pierced below the normal liquid level.
- 5.4...** A control box shall be provided at the rear of the tank and shall be welded to the tank body. The door of the control box shall be hinged at the top and shall close by gravity, also by the fusing of a 165° F. metal. No bottom shall be provided in the control box excepting on tanks constructed previous to May 20th, 1933 in which cases it shall be adequately ventilated and drained in such a manner that no articles such as pipe fittings, rags, etc., can be carried.
- 5.5...** For "SYPHON" type tanks, the heads and partitions shall each be in one piece; shall extend beyond the shell and shall be connected so as to afford rigid construction. The wrapper sheet for each compartment shall be in one piece having the longitudinal seam located near the top.
- 5.6...** For "PUMP" type tanks, the heads and partitions shall each be in one piece and shall not be pierced at any point. The wrapper sheet shall extend for the full length of the tank. The longitudinal seams shall be located near the top.

RELIEF VENTS

- Sec. 6.1...** Each compartment shall be protected by a combination breather and relief valve.
- 6.2...** The relief valve shall have a through area of not less than 1¼ inches in diameter and shall be held normally closed by a spring tension of not more than 5 pounds per square inch.
- 6.3...** The breather valve shall have a through area of not less than ½ inch in diameter and shall be held normally closed by sufficient spring tension as not to appreciably interfere with the pump or syphon action.
- 6.4...** The inlet and outlet of each combination breather and relief vent shall be protected by 40 x 40 mesh wire screens, so located as not to interfere with the required through area of the vent.

COVERS

- Sec. 7.1...** A manhole shall be provided for each compartment having a maximum width of fifteen (15) inches and a filler cap of not more than six (6) inches in diameter.
- 7.2...** Except when filling, and during transit and delivery, the manhole and filler openings shall be maintained vapor and liquid tight with self-locking covers, which shall not open at more than 91°. The hinges shall be placed toward the cab. The vents shall be located either in the dome or cover and shall be of the type and size as specified in Section 6 of these specifications.

TEST

- Sec. 8.1...** At least one tank in ten shall be tested by the manufacturer in the presence of the Fire Commissioner or his representative.
- 8.2...** Each tank shall be tested at the place of

manufacture, and shall withstand without leaking a hydrostatic test of not less than 15 pounds per square inch. A written statement of each tank test shall be signed by the manufacturer and filed with the Fire Commissioner certifying as to the test and compliance with these specifications.

- Sec. 8.3...** Each tank shall be capable of withstanding without structural injury, a test of dropping while filled with water a distance of four (4) feet and landing upon its mounting on a solid flat surface.

STATIC ELIMINATOR

- Sec. 9.1...** Provision shall be made near the rear or near the front of the tank, or both, for a static eliminator connection. The connection must be made with a good ground before the tank is filled at the loading rack. The connection shall consist of an unpainted piece of brass or non-corrodable metal welded or braised to the tank body, excepting that on tanks constructed previous to May 20th, 1933, where no static eliminators have been provided, some part of the truck shall be freed from paint upon which shall be fastened the grounding clip of the loading rack.

MOUNTING

- Sec. 10.1...** Each tank shall be so mounted on the chassis that it will not be subjected to twisting strains by the twisting of the chassis frame; also in such a manner as to eliminate shifting or twisting of the tank in its mounting and to eliminate friction between the tank and such mounting; and so as not to impair the flexibility of the chassis frame. No sills and/or cradles of combustible material shall be employed in supporting the tank body.
- 10.2...** When a tank truck that was accepted previous to May 20th, 1933 (constructed according to specifications adopted March 19, 1925) is taken out of service or sold or the tank is remounted on another new or used chassis the specifications in force at the time of the change shall apply in their entirety.
- 10.3...** For "PUMP" type tanks, the tanks shall be supported on rectangular stiffeners or cradles, which shall extend the full length of the tank, effectively braced, and welded to the tank body. The rectangular stiffeners or cradles may be used to transport lubricating oil instead of or in combination with the wing-tanks.
- 10.4...** The use of any standard brake lining is permitted to eliminate friction between the tank and mounting.

BUMPERS

- Sec. 11.1...** Fixed substantial steel bumpers shall be provided at the front and at the rear of the chassis. The material used shall be of dimension and strength equal to 6-inch steel channel, weighing 10½ pounds per foot.

MUD GUARDS

- Sec. 12.1...** The front mud guards shall extend the full width of the running boards and chassis.

MUFFLER

- Sec. 13.1...** The outlet of the muffler shall terminate under cab or engine.

RULES

- 13.2...No joints in that part of exhaust piping or muffler located below the cab will be permitted.

BRAKES

- 14.1...Service brakes shall be of an approved 4-wheel power operated type and so designed that they will be capable of bringing the vehicle to a stop in the event of failure of the source of power. No power or actuating cylinder shall be located within the rear brake drum.
- 14.2...The total effective service brake lining area shall be not less than 580 square inches properly distributed on 4 wheels.
- 14.3...On a chassis still in service, accepted previous to May 20th, 1933, in which case the number of brakes and the amount of braking area shall be permitted as when originally approved, if they comply with the motor vehicle laws of the State of New York and the stopping requirements of the Police Department of the City of New York and all the other sections of these specifications.
- 14.4...The drive shaft brake not to be considered in computing the braking area.

AXLES

- 15.1...The rear axle shall be of the full-floating type if enclosed drive.
- 15.2...The front axle weight, when fully loaded, shall be not less than one-quarter of the gross weight.
- 15.3...On a chassis still in service, accepted previous to May 20th, 1933, the axle design as originally approved shall be accepted.

ENGINE

- 16.1...Each carburetor shall be provided with a flash-back device which shall have been approved by a Nationally Recognized Laboratory.
- 16.2...Glass gauges in gasoline or oil lines will not be permitted.
- 16.3...Carburetors, when located above the exhaust manifold or hot piping, shall be provided with a suitable drip pan draining to the road.
- 16.4...A governor must be provided and so set and sealed as to prevent a truck speed in excess of 22 M. P. Hour.
- 16.5...On a chassis still in service, accepted previous to May 20th, 1933 the engine design as originally approved shall be accepted.

TIRES

- 17.1...No tire shall be loaded beyond its rated capacity as given by the Tire and Rim Association.

TRANSMISSION

- 18.1...No over-direct speed will be permitted.
- 18.2...No two range transmission will be permitted.
- 18.3...Not more than 4 speeds forward will be permitted.
- 18.4...On a chassis still in service, accepted previous to May 20th, 1933 the transmission design as originally approved shall be accepted.

ELECTRICAL EQUIPMENT

- 19.1...The starter shall be controlled by a magnetic switch, which shall be located at or near the

starter, excepting on a chassis still in service, approved previous to May 20th, 1933, no starter shall be required.

- Sec. 19.2...Battery leads shall be no longer than practicable.

19.3...Each lighting circuit shall be properly fused with not more than 10 amperes cartridge fuse.

19.4...Side signalling lights will not be permitted.

19.5...Ignition wiring shall be securely supported by means of the open spacer method and protected against grounding, or by fiber tubing rigidly supported.

19.6...Battery shall be rigidly mounted under seat on left side and fully partitioned from gasoline tank, or other approved location. Battery shall be well ventilated.

19.7...Lighting equipment shall consist of not more than two head-lamps (or side lamps) equipped with not more than 21 C. P. for driving and one 3 C. P. lamp for parking.

19.8...Tail light shall be mounted at top and rear of delivery tank. Tail light shall not exceed 6 C. P.

19.9...A two-wire system will be required.

19.10...Dash lamps shall not exceed more than 3 C. P.

19.11...An electric horn will be permitted, but no other electrical devices or accessories, excepting on a chassis still in service, approved previous to May 20th, 1933 no electric horn shall be required.

19.12...No ignition or transmission lock will be permitted.

19.13...All wiring except ignition shall be encased in metal conduit.

CAB

- Sec. 20.1...The cab shall be an all metal structure. A shatter-proof glass windshield shall be provided. Approved side doors may be used if desired. Combustible side curtains will be prohibited. A suitable incombustible semaphore and reflector mirror shall be provided.

20.2...On a chassis still in service, accepted previous to May 20th, 1933 the cab design as originally approved shall be accepted.

ENGINE FUEL TANK

- Sec. 21.1...No soldering for tightness will be accepted in the construction of the engine fuel tank.

21.2...The fill or intake opening and vent to engine fuel tank shall terminate outside the cab, but shall not protrude more than 5 inches beyond the side of the cab. The fill or intake opening shall be protected by an approved screen and a self-closing cover. Engine fuel tank shall be located inside the cab.

21.3...Gasoline shall be supplied to the carburetor by mechanical pump only.

21.4...Gasoline supply line to carburetor shall be connected through the top of the supply tank.

21.5...On a chassis still in service, accepted previous to May 20th, 1933 the engine fuel tank design shall be accepted as originally approved.

RUNNING BOARDS

- Sec. 22.1...Wing-tanks may be substituted for running boards. Only lubricating oils will be permitted for transportation in the wing-tanks. Not more than one 100-gallon tank, which may be subdivided, will be permitted on either side of the tank truck. The wing-tanks or the running boards shall extend the full length of the tank body. Two cans for bucketing the lubricating oil may be carried

RULES

on either side of the tank truck beneath the wing-tanks or running boards or in suitable housings. Draw-off connections shall be located in a protected location under the wing-tanks and shall be of the self-closing type with means for locking. Side racks for cans are prohibited.

CHASSIS WEIGHT

Sec. 23.1... The net chassis weight without accessories, such as cab, spare tire, water, gasoline, front and rear bumpers, etc., shall weigh not less than 36 per cent of the gross weight of a fully loaded and completely equipped vehicle.

EXAMPLE

Weight of chassis (net dry).....	8700 lbs.
Weight of tank (1500 gallon).....	5000 lbs.
Weight of gasoline (1500 gals. @ 6.2)	9300 lbs.
Weight of accessories (cab, water, gas, tires, bumpers, etc.).....	1050 lbs.
	24050 lbs.
36% of 24,050 lbs. equals 8,658 lbs. minimum weight of net dry chassis acceptable.	

AFFIDAVITS

Sec. 24.1... The manufacturer of each make of chassis shall file with the Fire Commissioner a detail chassis specification with drawings, also an affidavit satisfactory to the Fire Commissioner that the chassis is adequate and suitable to transport the tank and its contents of volatile inflammable oils in New York City.

24.2... Specifications of the chassis shall be listed in the Commercial Car Journal or in a similar representative publication. Any chassis deviation from published specification data must be filed with the Fire Commissioner, such as chassis weight due to variations in wheelbase, tires, sizes, etc.

GUARANTEE

Sec. 25.1... Satisfactory evidence of compliance with these specifications, also as to its safety and proper workmanship on all parts of the tank truck shall, when required, be furnished to the Fire Chief and Commissioner.

USE OF TRUCK

Sec. 26.1... Tank trucks approved for transporting volatile inflammable oils shall be used for no other purpose, except that lubricating oils may be transported on the same truck in approved wing-tanks or in approved mounting tanks or both, as may be desired.

IDENTIFICATION

Sec. 27.1... The tank and the chassis shall be permanently numbered by means of a plate welded in a fixed position.

PAINTING & MARKING

Sec. 28.1... The tank body shall be painted a red as specified for Fire Department use but the chassis, running gear, cab, bonnet or hood of the motor or the wheels may be painted any color suitable to the applicant.

28.2... The words "GASOLINE-DANGER" shall be painted in English on both sides and rear of the tank in letters of not less than ten (10) inches high also on the front bumper in letters not less than four (4) inches high.

28.3... The owner's name shall be painted on both sides of the tank or cab in letters of not less than two (2) inches, nor more than six (6) inches high or permanently affixed to both sides of the tank by means of a brass plate of not less than four (4) inches by six (6) inches in size.

28.4... No advertising or other names shall be painted on or affixed to the tank truck.

FIRE PROTECTION

Sec. 29.1... The entire tank truck shall be constructed of incombustible materials.

29.2... Non-freezing fire appliances only shall be carried on tank trucks. At least one approved carbon dioxide fire extinguisher of not less than ten (10) pounds capacity shall be provided and located in or near the driver's cab.

SMOKING

Sec. 30.1... Smoking on a tank truck is prohibited at all times.

APPROVED FIRELINE HOSE VALVES

TYPE A—150 LBS. WATER WORKING PRESSURE

May be installed on all 4-inch and 6-inch systems and on uppermost stories on 8-inch systems

Fairbanks Company	81-20-SA
Walworth Company	899-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Crocker National Fire Prev. Eng. Co.....	304-28-SA
Jenkins Brothers	779-28-SA
W. D. Allen Mfg. Co.....	890-28-SA
John Simmons Co.....	209-29-SA
Grinnell	651-30-SA
Elkhart	14-31-SA

TYPE B—250 LBS. WATER WORKING PRESSURE

May be installed on all standpipe systems

New York Brass Foundry Co. (Stillbech)...	53-21-SA
Walworth Company	900-27-SA
W. D. Allen Mfg. Company.....	1151-27-SA
A. B. C. Fire Prevention Mfg. Co., Inc.....	1307-27-SA
Jenkins Brothers	780-28-SA
Crocker National Fire Prev. Eng. Co.....	970-28-SA
Fairbanks Company	268-29-SA
Pratt & Cady	231-30-SA
Elkhart	15-31-SA

BUILDING CODE ON SALE.

Copies of the Building Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price \$1.25; by mail \$1.35.

ELECTRICAL CODE ON SALE.

Copies of the Electrical Code are now on sale at the Distribution Division of the City Record Office, Room 2213, Municipal Building, Manhattan. Price 30c; by mail 35c.

APPROVED APPLIANCES

Burners for Industrial Use

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Air-Blast Oil Burner.....	579-32-SA	Kres-Kno Pressing Machine Burner, Model MD, sizes KRF and KRF-1.....	354-34-SA
Anthony Nebulyte Oil Burner.....	1026-22-SA	Laco Oil Burner, Models F, JF, BF and D...	226-33-SA
Auto Heat Oil Burner.....	284-33-SA	Leiman Brothers Fuel Oil Burner.....	314-30-SA
Automatic Airless Oil Burner, Model No. 1..	53-34-SA	Liberty Automatic Heater.....	129-28-SA
Babcock & Wilcox Mechanical Oil Burner...	45-21-SA	Liberty Pressure Oil Burner.....	75-34-SA
Ballard Automatic Oil Burner.....	1363-23-SA	Leintz Oil Burner.....	155-20-SA
Ballard Low Pressure Mechanical Oil Burner	1493-22-SA	Loneragan Automatic Oil Burner.....	208-33-SA
Ballard Jr. Oil Burner.....	1176-27-SA	Lynn Power Oil Burner, Models 1, 2 and 3...	166-34-SA
Ballard Staples & Pfeiffer Steam Atomizing High Pressure Burner.....	1414-22-SA	Magna Fuel Oil Burner.....	197-33-SA
Berggren Oil Burner.....	764-26-SA	Mahrvel Low Pressure Burner.....	859-26-SA
Best Calorex Burner.....	1464-21-SA	Maxon Oil Burner (New Style).....	1026-22-SA
Bethlehem Steam Atomizing Fuel Oil Burner	485-32-SA	May Oil Burner.....	68-24-SA
Bettendorf Automatic Oil Burner, Models D, F and G	88-34-SA	Micron Oil Burner.....	345-34-SA
Bock Oil Burning Water Heater.....	102-34-SA	Midget Oil Burner.....	155-34-SA
Brighton Oil Burner.....	372-33-SA	Midget Pressing Machine Oil Burner.....	122-35-SA
Bullet Automatic Oil Burners, Models A and B	195-33-SA	Mid-West Oil Burner, Models 106, 108, 208, 211, 311 and 114.....	327-31-SA
Burnwell Mechanical Burner.....	957-22-SA	Monarch Industrial Oil Burner.....	133-35-SA
Caloroil Burner, Type AA.....	1361-24-SA	Morrissey Oil Burner, Models MA-2, MA-3, MA-4, SP-1, SP-2, SP-3 and MP-1.....	359-33-SA
Carter Oil Burner, Models 4X and 5X.....	117-34-SA	Morse Conical Type Steam Atomizing Burner	938-25-SA
Chalmers Automatic Oil Burner, Models D1 and D2	608-32-SA	Morse Fan Tail Type Steam Atomizing Burner	939-25-SA
Coen Mechanical Oil Burner.....	942-21-SA	Morse Fuel Oil Burner.....	820-23-SA
Concord Burner	108-35-SA	National Airoil High Pressure Burner.....	185-29-SA
Cornell No. 1 Type A Oil Burner.....	397-23-SA	National Airoil Low Pressure Burner.....	186-29-SA
Dahl Mechanical Fuel Oil Burner.....	13-21-SA	National Airoil Type D-R Rotary Oil Burner	548-31-SA
DeVia Oil Burner	155-31-SA	National Barley Rotary Oil Burner.....	197-33-SA
DeWalt Oil Burner.....	541-31-SA	Nesbitt Oil Burner, Models F, JF, BF and D	226-33-SA
Doe Oil Burner.....	317-31-SA	Nichols-McCann-Harrison Burners.....	255-31-SA
Enco Type 400 Steam Atomizing Oil Burner.	1414-23-SA	North American Low Pressure Oil Burner...	792-26-SA
Enco Mechanical Oil Burner.....	509-30-SA	Oilbilt Burner	85-33-SA
Enterprise Rotary Fuel Oil Burner.....	1149-27-SA	Oronoque Oil Burner.....	394-30-SA
Enterprise Steam Atomizing Burner.....	15-33-SA	Packard Fuel Oil Burner.....	77-34-SA
Fess Turbine Burner, Airoil Fan and Pump Set	26-22-SA	Paramount Oil Burner, Model A.....	617-30-SA
Forsdraft Oil Burner.....	41-34-SA	Peabody-Fisher Wide Range Mech. Oil Burner	644-21-SA
Frankfort Type P Oil Burner.....	1046-23-SA	Perfect-Pantex Oil Burner.....	271-33-SA
Gem Fuel Oil Burner.....	111-26-SA	Petro Mechanical Burner and Air Register..	735-24-SA
General Electric Fuel Oil Burner, Model D-1	434-32-SA	Petro Model W Oil Burner.....	452-31-SA
General Electric Oil Burner, Type DA-2.....	228-33-SA	Petro Oil Burner, Models D-10, D-11, D-12, D-13, D-14 and D-15.....	40-31-SA
Ghapco Steam Generator.....	348-31-SA	Petroleum Heat & Power Company Fuel Oil Burner, Model W-AH.....	614-32-SA
Gilbert & Barker Fuel Oil Burner.....	1636-21-SA	Presto Automatic Oil Burner.....	294-34-SA
Gold Star Oil Burner, Models F and S.....	166-33-SA	Quiet Ballard Automatic Oil Burner.....	660-30-SA
Goodspeed Oil Burner, Nozzle Type 2.....	346-33-SA	Quigley No. 10 Low Pressure Oil Burner....	436-31-SA
Gould Automatic Oil Burner.....	178-35-SA	Quinn Oil Burning Equipment.....	367-21-SA
Grant Oil Burner, Model "C".....	232-32-SA	Ray Rotary Fuel Oil Burner, Types A and B	504-23-SA
GRD Fuel Oil Atomizer.....	128-27-SA	Rexoil Domestic and Industrial Fuel Oil Burner	667-28-SA
Greenawalt Down Draft Combustion Oil Burning Furnace	85-35-SA	Rockwell Fuel Oil Burner.....	341-21-SA
Hammond Oil Burner.....	72-31-SA	Rohr Schanck Fuel Oil Burner.....	583-21-SA
Harris Fuel Oil Burner.....	690-30-SA	S. & K. Mechanical Fuel Oil Burner.....	1115-22-SA
Hart Oil Burner, Model "H".....	221-33-SA	S. & K. Wide Range Fuel Oil Burner.....	10-33-SA
Hauck Venturi Low Pressure Oil Burner....	88-27-SA	S. K. Oil Burner, Model F.....	369-33-SA
Hayward Oil Burner.....	696-30-SA	S. T. Johnson Co., Type 30-A, Rotary Fuel Oil Burner	197-32-SA
Hayward Oil Burner, Model 2000.....	118-35-SA	S. T. Johnson Co., Type 30-H, Rotary Fuel Oil Burner	198-32-SA
Hobeco Oil Burner.....	1278-21-SA	Simplex Turbine Fuel Oil Burner.....	1203-22-SA
Holby Oil Burner.....	328-27-SA	Standadyne Oil Burner.....	34-34-SA
Holby Type B Fuel Oil Burner.....	689-29-SA	Steam Oil Burner.....	183-22-SA
Hupp Oil Burner, Models H, U, P and PP..	10-34-SA	Stephens Oil Burner, Models No. 1 and No. 2	146-33-SA
Induslo Fuel Oil Burner 1-27.....	5-24-SA	Stewart Gasifier Oil Burner.....	146-35-SA
Kelvinator Oil Burner, Model K.....	105-34-SA		
Korth Oil Burner, Model G.....	136-34-SA		
Kreager Oil Burner.....	367-30-SA		

APPROVED APPLIANCES

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
Sun Heat Oil Burner.....	603-29-SA	Trojan Domestic and Industrial Fuel Oil Burner	667-28-SA
Sun-Ray Fuel Oil Burner.....	106-33-SA	United States Gun-type Oil Burner.....	222-35-SA
Sunway Oil Burner.....	624-30-SA	United States Oil Burner.....	620-28-SA
Supreme Oil Burner, Model G.....	136-34-SA	Vapofier Oil Burner.....	184-34-SA
Surface Combustion Low Pressure Burner...	92-23-SA	Vapomatic Oil Burner.....	275-34-SA
Syncro-Flame Oil Burner, Model R.....	139-35-SA	Vaporoil Burner	44-32-SA
Tate-Jones Fuel Oil Burner, "L" Type.....	1254-24-SA	Warner Oil Burner, Model A.....	16-34-SA
Tate-Jones No. 6 Oil Burner.....	1444-23-SA	Wheco Oil Burner.....	108-34-SA
Timken Rotary Oil Burner.....	297-29-SA	Winslow Kleen Heet Burner, Models 805 and 820	19-25-SA
Timken Silent Automatic Oil Burner, Model G	266-34-SA	Wizard Automatic Oil Burner.....	181-33-SA
Todd Mechanical Fuel Oil Burner.....	1525-22-SA	Yorktown Oil Burner.....	166-33-SA
Todd Rotary Burner, Models A, B and C....	454-25-SA	Yorktown Oil Burner, Model A.....	3-35-SA
Todd Spiro Oil Burner.....	470-31-SA		
Todd Spiro Burner (pump type).....	94-32-SA		
Todd Steam Atomizing Fuel Oil Burner....	123-23-SA		

APPROVED RANGE OIL BURNERS AND SPACE HEATERS

<i>Name of Burner</i>	<i>Calendar No.</i>	<i>Name of Burner</i>	<i>Calendar No.</i>
A.B.C. Range Burner Assemblies, Models AS-4, AS-6, AD-6, AS-9 and A-3798 Water Heater Assembly	250-34-SA	Lonergan Oil Burning Heater, Models F-2, F-3 and C-4	263-34-SA
Aetna Range Oil Burner	29-35-SA	Loyalty Range Burner	302-34-SA
Air-O-Flame Space Heater, Models 108 and 810 (pot type)	190-35-SA	Lynn-Range Burner, Models Junior, Lypre and DeLuxe	238-33-SA
Air-O-Flame Space Heater, Models 71, 91, 1572 and 1582 (sleeve type)	206-35-SA	M.W. Bake Oven Range Burner, Model 448 and M.W. Core Oven Range Burner, Model 450	367-34-SA
Air-O-Flame Range Burner	236-34-SA	M.W. Circulating and Radiant Heaters, Models 501, 601, 701 and 801.....	366-34-SA
Ameroil Oil Burner for Stoves and Ranges..	592-32-SA	M.W. Oil Burning Range, Commercial Models 152 and 251 and Domestic Models 101-G and 126-B	364-34-SA
Biltwell Range Oil Burner, Models B-1 and B-2	196-34-SA	Majestic Range Oil Burner, Models 27B and 27T	180-35-SA
Bland Range Oil Burner.....	234-34-SA	Moderne Range Oil Burner, Models Regular, Junior and Firenew	357-34-SA
Blue Glow Range Oil Burners, Models Supreme and DeLuxe	308-34-SA	National Range Oil Burner	361-34-SA
Champion Range Oil Burner, Models A and B	291-34-SA	No-Wyck-Koaleess Range and Stove Oil Burner	251-34-SA
Diamond Range Oil Burner.....	325-34-SA	Odin Beauty (Space Heater), Models 61, 62, 91 and 92	233-35-SA
Easyway Range Oil Burner, Models D27, DC27, G27 and NG27.....	157-35-SA	Putnam Range Oil Burner	54-35-SA
Ellington Range Oil Burner, Square Circulating Heater and Round Circulating Heater	351-34-SA	Quaker Burnoil Stove	11-31-SA
Ellington Range Oil Water Heater, Models M and J	40-35-SA	Quick Meal Range Burner	304-34-SA
Evur-Ready Range Oil Burner, Models Leader, Standard and DeLuxe.....	311-34-SA	Quick Meal Space Heater, Models 5672-0, 5671-13, 5671-33 and 5671-35	306-34-SA
Fairfax Range Burner	302-34-SA	Quick Meal Water Heater, No. 5681-0.....	305-34-SA
Florence Oil Heater, Models KC-9, GC-6, GC-7, GS-27, CH-27, CH-28, RH-7 and RH-9	62-33-SA	Ray-Dio Sunshine Range Oil Burner, Models A, Daisy and Water Heater.....	32-31-SA
Florence Oil Space Heater, Models PH-28 and PH-8	172-35-SA	Serv-Well Range Oil Burner, Models 27B and 27T	165-35-SA
Florence Range Burners	219-34-SA	Silent Glow Range Oil Burner.....	172-34-SA
Fox Range Oil Burner.....	200-34-SA	Silent Heet Oil Burner for Ranges and Stoves	592-32-SA
Hi-Heat Range Burner, Models A and DeLux	323-34-SA	Smith-Whaley Range Oil Burner, Models SW-1 and SW-2	196-34-SA
Hupp Range Oil Burner, Models S.D. and C.D.	309-34-SA	Superfex Oil Burning Heater and Heat Projector, Model No. 1051	491-31-SA
Kerogas Hot Blast Oil Heater, Models 210, 135, 110, 207 and 115.....	339-34-SA	Tower Range Oil Burner	126-33-SA
Kolrid Range Burner	48-34-SA	Vap-R-Oil Oil Burner for Ranges and Stoves	592-32-SA
Kres-Kno Range Oil Burner, Model MD. Sizes KR, KRF, KRF-1 and 1R.....	355-34-SA	Victor Range Oil Burner, Models VJ-275, VJ-195 and VO-275	329-34-SA
		Viking Range Oil Burner and Range Oil Burning Heater, Models 20, 30, 60, 65, 70 and 80	333-34-SA
		Viking Range Water Heater, Models 222, 232 and 242	65-35-SA

RESERVE CALENDAR

BOARD OF STANDARDS AND APPEALS

Administrative Applications.

- 299-31-A—2495-2505 Atlantic avenue, northeast corner of East New York avenue (Block No. 3665, Lot Nos. 1 and 4), Brooklyn.
- 19-34-A—363 Lexington avenue (Block No. 1295, Lot No. 20), Manhattan.
- 20-34-A—322-332 Lexington avenue and 128 East 39th street (Block No. 894, Lot No. 71), Manhattan.
- 21-34-A—355-357 Lexington avenue, 133 East 40th street and 359-361 Lexington avenue (Block No. 1295, Lot Nos. 21 and 23), Manhattan.
- 22-34-A—349-353 Lexington avenue and 130-132 East 40th street (Block No. 895, Lot No. 69), Manhattan.
- 201-35-A—1406 Castleton avenue and 142 Jewett avenue, southwest corner (Block No. 1026, Lot No. 47), Port Richmond, Richmond.

Appliances Submitted for Approval.

- 938-22-SA—Johnson Improved Rotary Fuel Oil Burner.
- 1279-25-SA—Teesdale, Automatic Booster Pumps, Models TUX, TUS, KP and R.
- 380-29-SA—Kennedy 2½-inch Hose Outlet Valve, Type "A".
- 359-30-SA—Conran Hydraulic Emergency Control Valve for Fire Line.
- 568-30-SA—Tuthill Fuel Oil Pump, Model 30-LE.
- 209-32-SA—Croker 4-inch Siamese.
- 237-32-SA—D. B. Smith & Co. Fire Extinguishers, Models Arrow and Oneida.
- 528-32-SA—Weldon Extinguisher.
- 98-33-SA—Elkhart Siamese Hose Connection for Standpipe and Sprinkler Systems 3 x 3 x 6 in. flush type of straightway and 90° patterns.
- 164-33-SA—Firemaster Fire Extinguisher.
- 156-34-SA—Allen's Siamese Connections for Fire Department use.
- 221-34-SA—Metropolitan Curb Fill Box No. 138 for Gasoline.
- 224-34-SA—Progressive Press Machine Oil Burner.
- 301-34-SM—"Radbur" Flameproofing Compound.
- 7-35-SA—Harding Float Switch, Type CC (for Standpipe Alarm System).
- 11-35-SA—N. Y. B. F. 4", 5" and 6" Standpipe and Automatic Sprinkler Siamese Connection.
- 39-35-SA—De Bothezat Bifurcator (for Paint Spraying).
- 43-35-SA—Universal Water Closet Unit, Models Castle No. 5232 and Climax No. 5022.
- 51-35-SA—General Electric Copper Oxide Rectifier, Model 6RC81Y1, for Fire Alarm Service.
- 58-35-SA—Trumbull Range Fuel Oil Pump, Models 515, 517 and 519.
- 88-35-SA—Kraissl-Trumbull Fuel Oil Wall Pump, No. 522, for Domestic Oil Burners.
- 97-35-SA—Roper Rotary Pump for Fuel Oil.
- 113-35-SA—Ryan Marvel Oil Burner, Model M.
- 123-35-SA—National Airoil Safety Tank Filling Valve.
- 135-35-SA—Loyalty Conversion Hot Water Heater.

- 156-35-SA—Gillespie Elevator Shaft Door Switch.
- 158-35-SA—Easyway Space Heater, Models CRL19, CRN17, CSP27, and CSP19.
- 159-35-SA—Easyway Water Heater, Models H.W.1 and H.W.2.
- 163-35-SA—United Iron Works Centrifugal Pump for Gasoline and Fuel Oil, Type Single Stage Vertical Pump.
- 166-35-SA—ServWell Space Heater, Models 247T and 248.
- 167-35-SA—Serv-Well Water Heater, Models 255A and 255B.
- 171-35-SA—Florence Cabinet Heater, Models CJ-1, CJ-2, CJ-21 and C-2.
- 175-35-SA—National Transit Rotary Pump for Gasoline and Fuel Oil.
- 181-35-SA—Majestic Space Heater, Models 247T and 248.
- 182-35-SA—Majestic Water Heater, Models 255A and 255B.
- 189-35-SA—Air-O-Flame Cabinet Heater, Models 42, 51, 52 and 521.
- 208-35-SA—Oceco Rotary Pump for Petroleum Products.
- 216-35-SA—Vac-O-Vent Fill Box (Pressure and Vacuum Relief).
- 217-35-SA—Brigham Oil Burner.
- 219-35-SA—United Copper Service Pipe.
- 226-35-SA—Savoil Cabinet Heaters and Cooker, Models 100, 200, 201 and 300.
- 229-35-SA—Hardinge Gun Type Oil Burner, Model 25.
- 238-35-SA—Garfire Gun (Fire Extinguisher).
- 243-35-SA—Josam-Marsh Hair Interceptor (Plumbing Trap).
- 244-35-SA—Woolley Patent Mechanical Oil Burner.
- 248-35-SA—Acme Type 205 Polarized Vibrating Bells.
- 249-35-SA—Acme High and Low Water Alarm Tank Switch.
- 253-35-SA—Preferred Oil Burner (Manual Operation), Model D. O.
- 263-35-SA—Ker-Oil Automatic Water Heater.
- 265-35-SA—French Automatic Oil Burner, Model 5 De Luxe.
- 266-35-SA—Kerogas Bowl Type Oil Space Heater, Models 300, 305, 310, 315 and 320.
- 269-35-SA—Kamy Oil Burner.
- 274-35-SA—Econ-O-Matic Fuel Oil Burner, Model 41.
- 310-35-SA—Viking Pot Type Space Heater, Models, 165 and 170.
- 313-35-SA—Peoples Silent Oil Burner, Models O and G.
- 329-35-SA—Baker Perkins Atomizing Type Mechanical Draft Oil Burner, Type C and CD Controls.
- 343-35-SA—Pacific Oil Burner.

Cases listed in the Reserve Calendar are cases upon which action by the board has been deferred pending committee reports of this board, court or department actions and will remain thereon until the aforesaid reports, court or departmental actions are consummated. Whereupon the case or cases will be restored to the regular calendar and due notice of the date set for hearing will be mailed to the appellant or applicant of record.

PROGRESS REPORT

DOCKET.

Cases pending December 31, 1934	163
Cases filed up to December 25, 1935.....	360
Restored to Calendar	129

MISCELLANEOUS APPLICATIONS.

Requests to reopen	369
Requests to amend	133
Requests for modification	0
Requests to rescind	6
Requests for extension of time.....	62
Requests for extension of permit.....	10
Requests for mechanical installations	0
Requests for approval of plans	9
Administrative requests	0
Requests for interpretation	0
Total.....	1241
Disposed of	1070
Cases pending December 25, 1935.....	171

DISPOSITION OF CASES.

Withdrawn	40
Dismissed	14
Denied	100
Granted	5
Granted on condition	211
Appliances approved	87
Appliances dismissed, disapproved or withdrawn....	22
Rules approved	2
Rules disapproved, rescinded or withdrawn.....	0

MISCELLANEOUS ACTIONS.

Requests to reopen granted	337
Requests to reopen denied	8
Requests to amend granted.....	133
Requests to amend denied	0
Requests for modification granted	0
Requests for modification denied	0
Requests to rescind granted	6
Requests to rescind denied	0
Requests for extension of time granted	62
Requests for extension of time denied	0
Requests for extension of permit granted	10
Requests for extension of permit denied	0
Requests to install granted	0
Requests to install denied	0
Plans approved	9
Plans disapproved	0
Administrative requests granted	0
Administrative requests denied or withdrawn	0
Interpretations	0
Requests withdrawn or dismissed.....	24
Total	1070

WARNING

Notice is hereby given to all appellants and applicants, and to all lawyers, architects and engineers representing owners or lessees in proceedings before the board—

First, That if they do not appear in person or by representative at the hearing of their case, dismissal for lack of prosecution is likely to result.

Second, That due and ample notice of the date set for hearing is provided in the publication in this BULLETIN of the calendars of the board, each case being set down by Calendar Number and premises under the date of the hearing.

Third, That no plea of ignorance of the date of the hearing can be entertained in view of this publication and of the posting of the calendars on the bulletin board in the

offices of the board and of the further publication of the calendars in the daily press.

Fourth, That no one is entitled to written notice of the date for the hearing in his case, and that the plea of failure to receive such notice is no excuse for neglect to appear.

Fifth, That the business of the board is to dispose of all cases promptly, for the reason that the pendency of an appeal or application ties the hands of the administrative official in enforcing his order; therefore, no appeal or application will be held in abeyance by reason of failure of the appellant or applicant to file necessary data, or by any other method of delay.

Sixth, That no appeal or application will be accepted for filing unless, at the time of filing, all papers, plans and data required by law are supplied, as specified on the blank appeal or application forms.

BOARD OF STANDARDS AND APPEALS,
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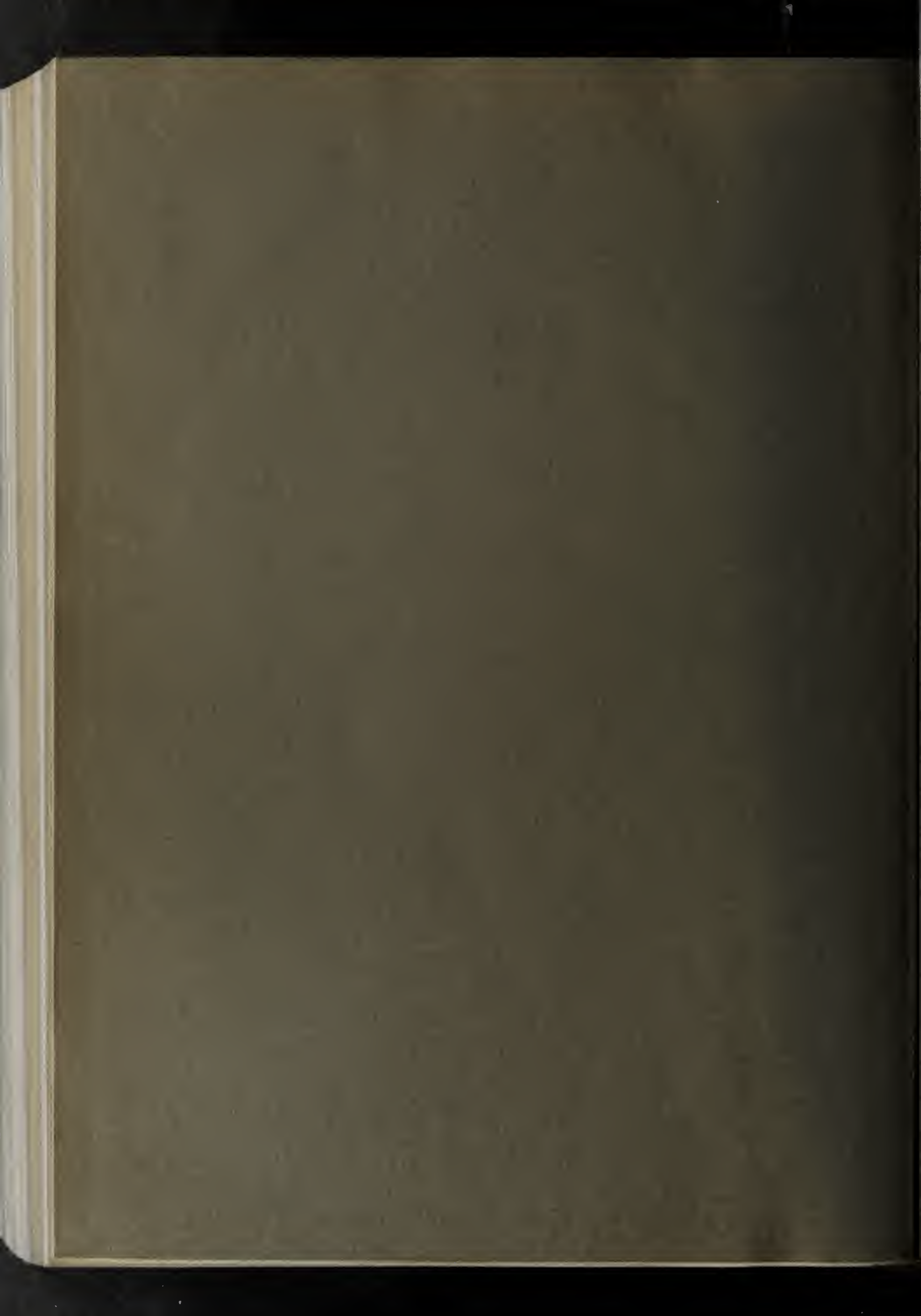
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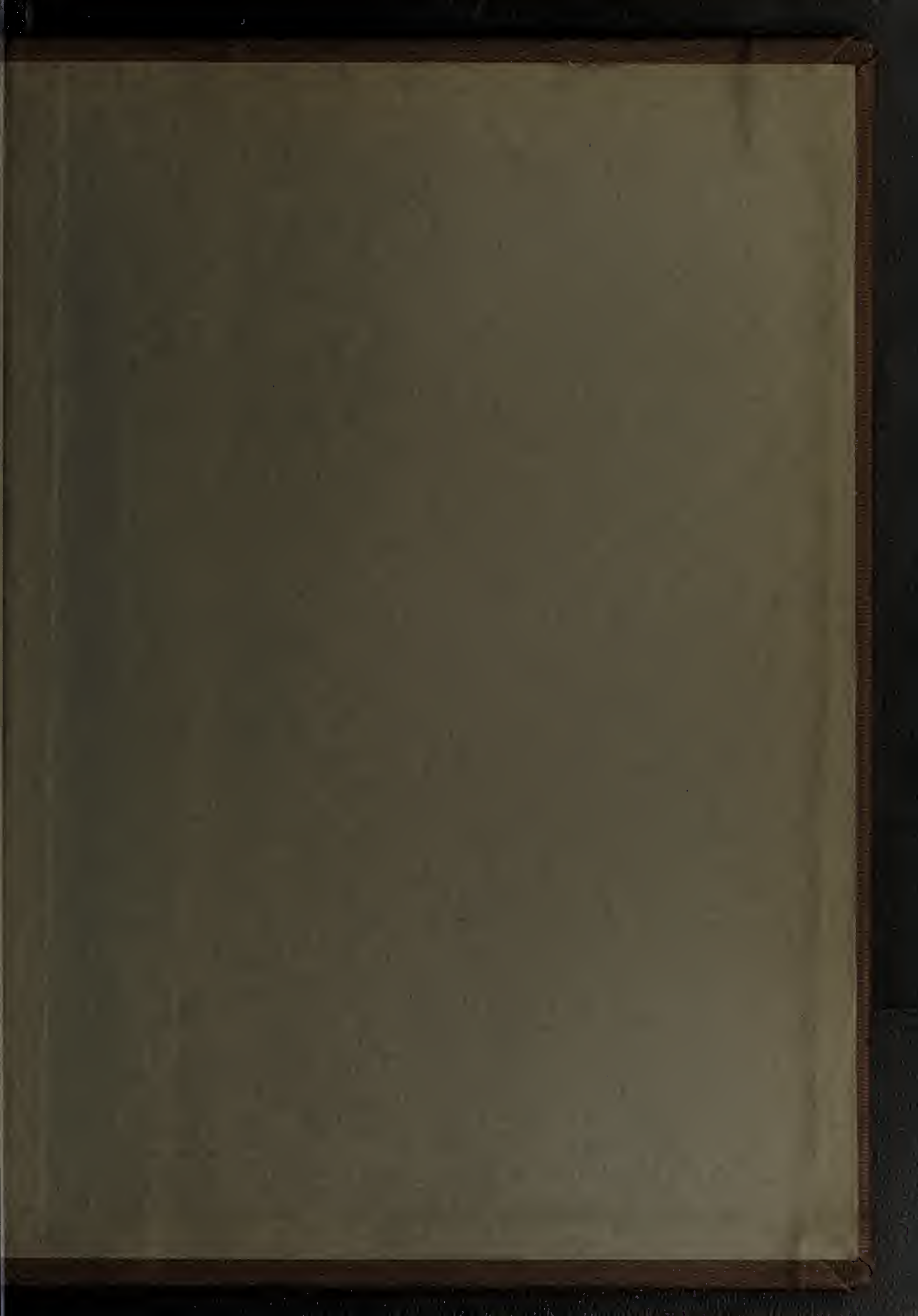
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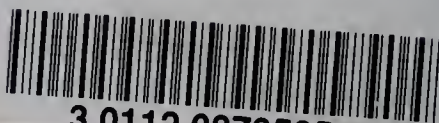
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